



This certificate is not valid if the serial number has been defaced or altered

238048 ICR18

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Part P No:

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR	DETAILS OF THE CLIENT	DETAILS OF THE INSTALLATION
Registration No: Branch No*: N/A	Contractor Reference Number (CRN):	Occupier: ISG FUSION
Trading Title: Evans Electrical Ltd	Name: ISG	Address: MARINER STREET, SWANSEA, SWANSEA
Address: 59, WATERLOO ROAD,, PENYLAN, CARDIFF, CARDIFF	Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, CARDIFF	
Postcode: CF23 9BL Tel No: 02920493307	Postcode: CF15 7AB Tel No: N/A	Postcode: SA15 5BA Tel No: N/A

PART 2 : DETAILS OF THE ELECTRICAL WORK COVERED BY THIS INSTALLATION CERTIFICATE

Date works completed: 01/09/2021	Description and extent of the installation covered by this certificate: A COMMERCIAL BUILD FOR STUDENT ACCOMMODATION CONSISTING OF 16 FLOORS, ALSO SOCIAL SPACE, COMMUNAL AREAS, GYM, RECEPTION, CINEMA, LAUNDRY, ATRIUM, EXTERNAL SPACE.
The installation is -	
New: <input checked="" type="checkbox"/>	
An addition: <input type="checkbox"/>	
An alteration: <input type="checkbox"/>	
Replacement of a distribution board: <input type="checkbox"/>	Where necessary, continue on a separate numbered page: Page No(s) (N/A.....)

PART 3 : NEXT INSPECTION OF THE ELECTRICAL INSTALLATION

I/We, being the designer(s) of the electrical installation as documented in PART 4, RECOMMEND that this installation is further inspected and tested after an interval of not more than: years**

PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (this option may be used where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (The extent of liability of the signatories is limited to the work detailed in PART 2)

I, being the person responsible for the design, construction, inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design and additionally where this certificate applies to an addition or alteration, having confirmed that the safety of the existing installation is not impaired, hereby CERTIFY that the design, construction, inspection and testing for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671: 2018, amended to (date) except for the departures, if any, detailed on attached page(s) (.....)(Regulations 120.3, 133.1.3 and 133.5).

Permitted exception applied (411.3.3): Risk assessment attached: Page No(s) (.....) Where selectivity is required, details of the verification appended (536.4): Page No(s) (.....)

Name (capitals): Signature: Date:

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): Signature: Date:

*Where applicable ** The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

Original (to the person ordering the work)

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PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK *(to be completed where different parties are responsible for the design, construction, inspection & testing)*

DESIGN *(The extent of liability of the signatories is limited to the work detailed in PART 2)*

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design and additionally where this certificate applies to an addition or alteration, having confirmed that the safety of the existing installation is not impaired, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671: 2018, amended to (date) except for the departures, if any, detailed on attached page(s) (.....) (Regulations 120.3, 133.1.3 and 133.5).


Permitted exception applied (411.3.3): Risk assessment attached: Page No(s) (.....) Where selectivity is required, details of the verification appended (536.4): Page No(s) (.....)

DESIGNER 1 Name (capitals): Signature: Date:

DESIGNER 2 *(where there is divided responsibility for design)* Name (capitals): Signature: Date:

CONSTRUCTION *(The extent of liability of the signatories is limited to the work detailed in PART 2)*

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671: 2018, amended to 2020 (date) except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): GERAINT JOHN Signature:  Date: 01/02/2022

INSPECTION & TESTING *(The extent of liability of the signatories is limited to the work detailed in PART 2)*

I, being the person responsible for the inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671: 2018, amended to 2020 (date) except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): GERAINT JOHN Signature:  Date: 01/02/2022

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): GERAINT JOHN Signature:  Date: 01/02/2022

PART 5 : COMMENTS ON THE EXISTING INSTALLATION *(in the case of an addition or alteration see Regulation 644.1.2)*

NONE

Where necessary, continue on a separate numbered page: Page No(s) (N/A)

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

Original to the person ordering the work

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PART 6 : DETAILS OF THE ORGANISATION(S) RESPONSIBLE FOR THE ELECTRICAL INSTALLATION (signatures of which are in PART 4)

DESIGN, CONSTRUCTION, INSPECTION & TESTING	DESIGN	CONSTRUCTION	INSPECTION & TESTING
DESIGNER 1 Organisation: <u>EVANS ELECTRICAL LTD</u> Registration No*: Branch No*: Address: <u>59, WATERLOO ROAD,, PENYLAN,, CARDIFF, CARDIFF, United Kingdom</u> Postcode: <u>CF23 9BL</u> Tel No: <u>02920493307</u>	DESIGNER 2 Organisation: <u>AMBER MANAGEMENT AND</u> Registration No*: Branch No*: Address: <u>KINGS COURT, NAILSEA, BRISTOL, AVON</u> Postcode: <u>BS48 1AW</u> Tel No: <u>N/A</u>	DESIGNER 1 Organisation: <u>EVANS ELECTRICAL LTD</u> Registration No*: Branch No*: Address: <u>59, WATERLOO ROAD,, PENYLAN,, CARDIFF, CARDIFF, United Kingdom</u> Postcode: <u>CF23 9BL</u> Tel No: <u>02920493307</u>	DESIGNER 2 Organisation: <u>EVANS ELECTRICAL LTD</u> Registration No*: Branch No*: Address: <u>59, WATERLOO ROAD,, PENYLAN,, CARDIFF, CARDIFF, United Kingdom</u> Postcode: <u>CF23 9BL</u> Tel No: <u>02920493307</u>

PART 7 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements	Number and type of live conductors	Nature of supply parameters
TN-C-S: <input checked="" type="checkbox"/> TN-S: <input type="checkbox"/> TT: <input type="checkbox"/> Other (state): Supply protective device (BS (EN) <u>60947-2 ACB</u>) Type: (.....) Rated current: (<u>2000</u>) A	AC 1-phase, 2-wire: <input type="checkbox"/> 2-phase, 3-wire: <input type="checkbox"/> 3-phase, 3-wire: <input type="checkbox"/> 3-phase, 4-wire: <input checked="" type="checkbox"/> DC 2-wire: <input type="checkbox"/> 3-wire: <input type="checkbox"/> Other (state): (.....) Confirmation of supply polarity: (<input checked="" type="checkbox"/>) Other sources of supply: (as detailed on attached schedule) Page No: (.....)	Nominal line voltage, $U^{(1)}$: (<u>400</u>) V Nominal line voltage to Earth, $U_0^{(1)}$: (<u>230</u>) V (1) By enquiry, measurement, or by calculation Nominal frequency, $f^{(1)}$: (<u>50</u>) Hz Prospective fault current, $I_{pf}^{(1)**}$: (<u>4.14</u>) kA External loop impedance, $Z_e^{(1)**}$: (<u>0.05</u>) Ω

PART 8 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Means of Earthing	Main protective conductors	Main protective bonding connections	Main switch / Switch-fuse / Circuit-breaker / RCD
Maximum demand (load): (<u>U/V</u>) Distributor's facility: (<input checked="" type="checkbox"/>) Installation earth electrode: (<u>N/A</u>) Where an earth electrode is used insert Type - rod(s), tape, etc: (<u>N/A</u>) Location: (<u>N/A</u>) Electrode resistance to Earth: (<u>N/A</u>) Ω	Earthing conductor: (material <u>Copper</u> csa <u>300</u> mm ²) Connection / continuity verified: <input checked="" type="checkbox"/> Main protective bonding conductors: (material <u>Copper</u> csa <u>25</u> mm ²) Connection / continuity verified: <input checked="" type="checkbox"/>	Water installation pipes: (<input checked="" type="checkbox"/>) Gas installation pipes: (<input checked="" type="checkbox"/>) Structural steel: (<input checked="" type="checkbox"/>) Oil installation pipes: (<input type="checkbox"/>) Lightning protection: (<input checked="" type="checkbox"/>) Other (state) :	Type: (BS (EN) <u>BS EN 60947-2 ACB</u>) Location: (<u>SWITCH ROOM</u>) No. of poles: (<u>3</u>) Rating / setting of device: (<u>2000</u>) A Current rating: (<u>2000</u>) A Voltage rating: (<u>630</u>) V Where an RCD is used as the main switch RCD rated residual operating current, $I_{\Delta n}$: (<u>N/A</u>) mA Measured operating time: (<u>N/A</u>) ms Rated time delay: (<u>N/A</u>) ms

*Where applicable

**Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf} , and external earth fault loop impedance, Z_e , must be recorded.

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PART 9 : SCHEDULE OF ITEMS INSPECTED - continues on next page


1. External condition of electrical intake equipment (visual inspection only)		3.3 FELV – requirements satisfied: (N/A)	7.15 Indication of SPD(s) continued functionality confirmed: (✓)
1.1 Service cable: (✓)	1.2 Service head: (✓)	3.4 Reduced low voltage – requirements satisfied: (N/A)	7.16 Selection of protective devices(s) and base(s); correct type and rating: (✓)
1.3 Earthing arrangement: (✓)	1.4 Meter tails: (✓)	4. Additional protection	7.17 Single-pole protective devices in line conductors only: (✓)
1.5 Metering equipment: (✓)	1.6 Isolator (where present): (✓)	4.1 The presence and effectiveness of additional protection methods used, as follows:	7.18 Protection against mechanical damage where cables enter equipment: (✓)
2. Parallel or switched alternative sources of supply		a) RCDs not exceeding 30 mA operating current, as specified (✓)	7.19 Protection against electromagnetic effects where cables enter ferromagnetic enclosures: (✓)
2.1 Presence of adequate arrangements where generator to operate as a switched alternative:		b) Supplementary bonding (N/A)	7.20 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure: (✓)
a) Dedicated earthing arrangement independent of that of the public supply (✓)		5. Basic protection (# For use in controlled / supervised conditions only)	7.21 Presence of RCD six-monthly test notice, where required: (✓)
2.2 Presence of adequate arrangements where generator to operate in parallel with public supply:		5.1 Presence and adequacy of protective measures to provide basic protection:	7.22 Presence of diagrams, charts or schedules at or near each distribution board, where required: (✓)
a) Correct connection of generator in parallel (✓)		a) Insulation of live parts (✓)	7.23 Presence of next inspection recommendation label: (✓)
b) Compatibility of characteristics of means of generation (✓)		b) Barriers or enclosures (✓)	7.24 Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required: (N/A)
c) Means to provide automatic disconnection of generator in the event of loss of public supply or voltage or frequency deviation beyond declared values (✓)		c) Obstacles ‡ (N/A)	7.25 Presence of other required labelling: (✓)
d) Means to prevent connection of generator in the event of loss of public supply or voltage or frequency deviation beyond declared values (✓)		d) Placing out of reach ‡ (N/A)	8. Circuits
e) Means to isolate generator from public supply (✓)		6. Basic and fault protection	8.1 Identification of conductors: (✓)
2.3 Presence of alternative / additional supply warning notices at or near:		a) SELV (N/A)	8.2 Cables correctly supported throughout, with protection against abrasion: (✓)
a) The origin (✓)		b) PELV (N/A)	8.3 Examination of cables for signs of mechanical damage during installation: (✓)
b) The meter position, if remote from origin (✓)		c) Double or reinforced insulation (N/A)	8.4 Examination of installation of live parts, not damaged during erection: (✓)
c) The consumer unit / distribution board to which the alternative / additional sources are connected (✓)		<i>When used, provide details on a separate numbered page: Page No ()</i>	8.5 Non-sheathed cables protected by enclosure in conduit, ducting or trunking: (✓)
d) All points of isolation of ALL sources of supply (✓)		7. Distribution equipment	8.6 Suitability of containment systems (including flexible conduit): (✓)
3. Automatic disconnection of supply		7.1 Adequacy of working space / accessibility: (✓)	8.7 Correct temperature rating of cable insulation: (✓)
3.1 Presence and adequacy of protective earthing / bonding arrangements as follows:		7.2 Security of fixing: (✓)	8.8 Adequacy of cables for current-carrying capacity with regard to the type and nature of installation: (✓)
a) Distributor's earthing arrangement or installation earth electrode arrangement (N/A)		7.3 Insulation of live parts not damaged during erection: (✓)	8.9 Adequacy of protective devices: type and fault current rating for fault protection: (✓)
b) Earthing conductor and connections (✓)		7.4 Adequacy / security of barriers: (✓)	8.10 Adequacy of AFDD(s), where specified: (N/A)
c) Main protective bonding conductors and connections (✓)		7.5 Suitability of enclosures for IP and fire ratings: (✓)	8.11 Presence and adequacy of circuit protective conductors: (✓)
d) Earthing / bonding labels at all appropriate locations (✓)		7.6 Enclosures not damaged during installation: (✓)	8.12 Coordination between conductors and overload protective devices: (✓)
3.2 Accessibility of:		7.7 Presence and effectiveness of obstacles: (✓)	
a) Earthing conductor connections (✓)		7.8 Presence and operation (functional) check of main switch(es): (✓)	
b) All protective bonding connections (✓)		7.9 Components are suitable according to assembly manufacturer's instructions or literature: (✓)	
		7.10 Operation of circuit-breakers and RCDs to prove functionality: (✓)	
		7.11 RCD(s) provided for fault protection, where specified: (✓)	
		7.12 RCD(s) provided for protection against fire, where specified: (✓)	
		7.13 RCD(s) provided for additional protection, where specified: (✓)	
		7.14 Confirmation overvoltage protection (SPDs) provided, where specified: (✓)	

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PART 9 : SCHEDULE OF ITEMS INSPECTED

<p>8.13 Wiring systems and cable installation methods / practices appropriate to the type and nature of installation and external influences: (✓)</p> <p>8.14 Cables concealed under floors, above ceilings, in walls / partitions, adequately protected against damage: (✓)</p> <p>8.15 Cables installed in walls / partitions, installed in prescribed zones: (✓)</p> <p>8.16 Provision of additional protection by RCDs having rated residual operating current (IΔn) not exceeding 30 mA:</p> <p>a) For all socket-outlets with a rated current not exceeding 32 A or less, unless exempt (✓)</p> <p>b) For supplies to mobile equipment with a current rating not exceeding 32 A for use outdoors (✓)</p> <p>c) For cables concealed in walls / partitions at a depth of less than 50 mm (✓)</p> <p>d) For cables concealed in walls / partitions containing metal parts regardless of depth (✓)</p> <p>e) For circuits supplying luminaires within domestic (household) premises only (N/A)</p> <p>8.17 Provision of fire barriers, sealing arrangements so as to minimise the spread of fire: (✓)</p> <p>8.18 Band II cables segregated / separated from Band I cables: (✓)</p> <p>8.19 Cables segregated / separated from non-electrical services: (✓)</p> <p>8.20 Termination of cables at enclosures:</p> <p>a) Connections under no undue strain (✓)</p> <p>b) No basic insulation of a conductor visible outside enclosure (✓)</p> <p>c) Connections of live conductors adequately enclosed (✓)</p> <p>d) Adequately connected at point of entry to enclosure (✓)</p> <p>8.21 Suitability of circuit accessories for external influences: (✓)</p> <p>8.22 Circuit accessories not damaged during erection: (✓)</p> <p>8.23 Single-pole devices for switching or protection in line conductors only: (✓)</p>	<p>8.24 Adequacy of connections, including cpcs, within accessories and at fixed and stationary equipment: (✓)</p> <p>9. Isolation and switching</p> <p>9.1 Isolators:</p> <p>a) Presence and location of appropriate devices (✓)</p> <p>b) Capable of being secured in the OFF position (✓)</p> <p>c) Correct operation verified (functional check) (✓)</p> <p>d) The installation, circuit or part thereof that will be isolated is clearly identified by location and / or durable marking (✓)</p> <p>e) Warning notice posted in situations where live parts cannot be isolated by the operation of a single device (✓)</p> <p>9.2 Switching off for mechanical maintenance:</p> <p>a) Presence of appropriate devices (✓)</p> <p>b) Acceptable location (local or remote) (✓)</p> <p>c) Capable of being secured in the OFF position (✓)</p> <p>d) Correct operation verified (functional check) (✓)</p> <p>e) The installation, circuit or part thereof to be disconnected clearly identified by location and / or durable marking (✓)</p> <p>9.3 Emergency switching / stopping:</p> <p>a) Presence of appropriate devices (N/A)</p> <p>b) Readily accessible for operation where danger might occur (N/A)</p> <p>c) Correct operation verified (functional check) (N/A)</p> <p>d) The installation, circuit or part thereof to be disconnected clearly identified by location and / or durable marking (✓)</p> <p>e) Firefighter's switches present, where required: (N/A)</p> <p>9.4 Functional switching:</p> <p>a) Presence of appropriate devices (✓)</p> <p>b) Correct operation verified (functional check) (✓)</p>	<p>10. Current-using equipment (permanently connected)</p> <p>10.1 Suitability of equipment in terms of IP and fire ratings: (✓)</p> <p>10.2 Enclosure not damaged / deteriorated during installation so as to impair safety: (✓)</p> <p>10.3 Suitability for the environment and external influences: (✓)</p> <p>10.4 Security of fixing: (✓)</p> <p>10.5 Cable entry holes in ceilings above luminaires, sized or sealed so as to restrict the spread of fire: (✓)</p> <p>10.6 Recessed luminaires (downlighters):</p> <p>a) Correct type of lamps fitted (✓)</p> <p>b) Installed to minimise build-up of heat (✓)</p> <p>10.7 Provision of undervoltage protection, where specified: (N/A)</p> <p>10.8 Provision of overload protection, where specified: (✓)</p> <p>10.9 Adequacy of working space / accessibility to equipment: (✓)</p> <p>11. Special installations or locations</p> <p>List below any special installations or locations which are part of the installation to be verified, and confirm that the additional requirements given in the respective section of Part 7 are fulfilled:</p> <p>SHAVER POINTS IN BATHROOMS (✓)</p> <p>EXTRACT FAN IN BATHROOM (✓)</p> <p>DISABLED ALARM (✓)</p> <p>..... ()</p> <p>..... ()</p> <p><i>Details must be appended on a separate numbered page (see PART 10 below)</i></p> <p>SCHEDULE OF ITEMS INSPECTED BY</p> <p>Name (capitals): <u>GERAINT JOHN</u></p> <p>Signature: <u></u> Date: <u>01/02/2022</u></p>
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Original to the person ordering the work

PART 10 : SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections	Schedule of Circuit Details and Test Results for the installation	Additional pages, including data sheets for additional sources	Special installations or locations (indicated in item 11 above)	Continuation sheets
Page No(s): (<u>4 & 5</u>)	Page No(s): (<u>6</u>)	Page No(s): (.....)	Page No(s): (.....)	Page No(s): (<u>7,8,10,14,16,17,20,22,24,25,27,29,31</u>)

The pages identified are an essential part of this certificate.

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1													N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.02	N/A				
1L2	RISING BUSBAR TOWER A BLOCK	G	E	1	2x300	SWA	5	60947-2	MCCB		1000	50	N/A	0.02	N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.02	N/A		
1L3													N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.02	N/A				
2L1													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.02	N/A				
2L2	RISING BUSBAR B BLOCK	G	E	1	2x300	SWA	5	60947-2	MCCB		800	50	N/A	0.02	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.02	N/A		
2L3													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.02	N/A				
3L1													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.02	N/A				
3L2	RISING BUSBAR C BLOCK	G	E	1	2x300	SWA	5	60947-2	MCCB		800	50	N/A	0.02	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.02	N/A		
3L3													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.02	N/A				
4L1													N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.25	N/A				
4L2	LIFT B1	FP	E	1	10.0	10.0	5	60947-2	MCCB		32	50	N/A	0.43	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.25	N/A		
4L3													N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.25	N/A				
5L1													N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.34	N/A				
5L2	LIFT A2	FP	E	1	10.0	10.0	5	60947-2	MCCB		32	50	N/A	0.43	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.36	N/A		
5L3													N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.37	N/A				
6L1													N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.25	N/A				
6L2	LIFT A1	FP	E	1	10.0	10.0	5	60947-2	MCCB		32	50	N/A	0.43	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.25	N/A		
6L3													N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.25	N/A				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: MAIN LV PANEL
 Location of DB: GF LV ROOM
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: () Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (2000) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.05) Ω Z_{df} (4.14) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: (6111-754/090709/0896)
 Insulation resistance: (6111-754/090709/0896) Earth fault loop impedance: (6111-754/090709/0896)
 Earth electrode resistance: (6111-754/090709/0896) RCD: (6111-754/090709/0896)

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Codes For Type of wiring												Circuits/equipment vulnerable to damage when testing: N/A															
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state N/A											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)				Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
6L2	SPRINKLER PUMP 2	FP 600	E	1	6.0	SWA	5	88	Fuse HRC	gG	32	80	N/A	1.7	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	LIM	N/A		
6L3															N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	LIM	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: LIFESAFETY PANEL
 Location of DB: GF LIFESAFETY ROOM
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *G. Geraint*
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (GENERATOR) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (630) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s () Ω Z_{pf} () kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: (6111-754/090709/0896)
 Insulation resistance: (6111-754/090709/0896) Earth fault loop impedance: (6111-754/090709/0896)
 Earth electrode resistance: (6111-754/090709/0896) RCD: (6111-754/090709/0896)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: N/A																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1													N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A			
1L2	SPRINKLER PUMP 1	FP 600	E	1	6.0	SWA	5	88 Fuse HRC	gG	32	120	N/A	1.7	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A		
1L3														N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A		
2L1														N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A		
2L2	SPRINKLER PUMP 2	FP 600	E	1	6.0	SWA	5	88 Fuse HRC	gG	32	120	N/A	1.7	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A		
2L3														N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: SPRINKLER SUPPLY **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: SSE CT CHAMBER Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (SSE CT CHAMBER) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (2000) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.05) Ω Z_{df} (4.28) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: (6111-754/090709/0896)
 Insulation resistance: (6111-754/090709/0896) Earth fault loop impedance: (6111-754/090709/0896)
 Earth electrode resistance: (6111-754/090709/0896) RCD: (6111-754/090709/0896)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.21	N/A	200+	200+	500	✓	4.03	38	✓	
2	LIGHTING COMMUNAL AREAS	A	B	19	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.86	39	✓	
3	COMMUNAL KITCHEN HOB RHS	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.16	N/A		
4	COMMUNAL KITCHEN HOB LHS	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.18	N/A		
5	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.32	N/A		
6	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.32	N/A		
7	KITCHEN RING MAIN	A	B	16	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.3	0.29	0.82	0.27	N/A	200+	200+	500	✓	0.37	39	✓	
8	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.25	N/A	200+	200+	500	✓	1.22	39	✓	
9	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.14	N/A	200+	200+	500	✓	1.31	39	✓	
10	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.43	N/A	200+	200+	500	✓	1.38	29	✓	
11	CORRIDOR SKTS	A	B	4	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	0.19	0.21	0.35	0.2	N/A	200+	200+	500	✓	0.38	39	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A01/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 1ST FLOOR BLOCK A Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω Z_{pf} (1.35) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING LHS	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.17	N/A	200+	200+	500	✓	1.14	39	✓	
1L2	LIGHTING RHS	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.19	N/A	200+	200+	500	✓	2.20	39	✓	
1L3	LIGHTING COMMUNAL	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.5	N/A	200+	200+	500	✓	0.63	39	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.76	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.7	39	✓	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.5	0.54	0.72	0.28	N/A	200+	200+	500	✓	0.36	29	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.44	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.38	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.29	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.79	39	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.77	29	✓	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.32	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.38	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.38	N/A		
5L3	SPARE																									
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.78	39	✓	✓
6L3	SPARE																									
7L1	SPARE																									
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.29	N/A		
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A01/02
 Location of DB: 1ST FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 28/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.23) Ω Z_{pf} (1.09) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons												
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD											
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																			
8L1	SPARE																																				
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.74	39	✓												
8L3	SPARE																																				
9L1	SPARE																																				
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.34	N/A													
9L3	SPARE																																				
10L1	SPARE																																				
10L2	SIGN SUPPLY	A	B	2	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.29	N/A													

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A01/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 1ST FLOOR BLOCK A Signature: [Signature] Date: 28/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.23) Ω Z_{pf} (1.09) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state N/A

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.90	N/A	200+	200+	500	✓	4.34	39	✓		
1L2	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.01	N/A	200+	200+	500	✓	0.84	39	✓		
1L3	LIGHTING RHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.66	N/A	200+	200+	500	✓	2.18	38	✓		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.98	N/A	200+	200+	500	✓	1.08	39	✓		
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.81	0.81	0.8	0.31	N/A	200+	200+	500	✓	0.64	39	✓		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.99	N/A	200+	200+	500	✓	1.13	39	✓		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.56	N/A			
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.18	N/A			
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.54	N/A			
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.75	39	✓		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.25	N/A			
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.73	39	✓		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.59	N/A			
5L2	SPARE																										
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.57	N/A			
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.99	39	✓		
6L2	SPARE																										
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.69	38	✓		
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.46	N/A			
7L2	SPARE																										
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.47	N/A	✓		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A01/03 TESTED BY Name (capitals): GERAIN JOHN Position: Qualifying Supervisor Location of DB: 1ST FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω Z_f (1.47) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state N/A	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD		
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)						Live / Earth (MΩ)	Test voltage DC (V)
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.81	N/A	200+	200+	500	✓	0.96	38	✓	
8L2	SPARE																									
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.84	N/A	200+	200+	500	✓	0.92	39	✓	
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.47	N/A		
9L2	SPARE																									
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.27	N/A		
10L1	SPARE																									
10L2	SPARE																									
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.55	38	✓	
11L1	SPARE																									
11L2	SPARE																									
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.45	N/A		
12L1	SPARE																									
12L2	SPARE																									
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.74	38	✓	
13L1	SPARE																									
13L2	SPARE																									
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.35	N/A		
14L1	SPARE																									
14L2	SPARE																									
14L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A01/03
 Location of DB: 1ST FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*

Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.47) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device			RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)			Short-circuit capacity (kA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	DB-A01-01	G	E	1	25	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.12	N/A		
1L2	DB-A02-01	G	E	1	25	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.08	N/A		
1L3	SPARE																									
2L1	DB-A01-02													N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.11	N/A		
2L2	DB-A01-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.13	N/A		
2L3	DB-A01-02													N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.12	N/A		
3L1	BD-A01-03													N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.13	N/A		
3L2	DB-A01-03	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.13	N/A		
3L3	DB-A01-03													N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.13	N/A		
4L1	SPARE																									
4L2	SPARE																									
4L3	SPARE																									
5L1	DB-A02-02													N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.11	N/A		
5L2	DB-A02-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.11	N/A		
5L3	DB-A02-02													N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.11	N/A		
6L1	DB-A02-03													N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.1	N/A		
6L2	DB-A02-03	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.1	N/A		
6L3	DB-A02-03													N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.1	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: PB-A02 TESTED BY Name (capitals): GERAIN JOHN Position: Qualifying Supervisor
 Location of DB: FLOOR 2 RISER A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (RISING BUSBAR FLOOR 2) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω I_{Δf} (3.98) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons						
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)		Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																						
1	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.71	N/A	200+	200+	500	✓	3.09	38	✓			
2	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.7	N/A	200+	200+	500	✓	3.29	38	✓			
3	LIGHTING COMMUNAL AREAS	A	B	20	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	1.57	38	✓			
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.26	N/A	200+	200+	500	✓	1.16	39	✓			
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.33	N/A	200+	200+	500	✓	1.30	39	✓			
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.44	N/A	200+	200+	500	✓	1.42	39	✓			
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.53	28	✓			
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.30	N/A	200+	200+	500	✓	1.20	38	✓			
9	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.00	N/A	200+	200+	500	✓	0.99	38	✓			
10	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.36	0.36	1.01	0.29	N/A	200+	200+	500	✓	0.58	38	✓			
11	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.15	N/A				
12	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.13	N/A				
13	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.36	N/A				
14	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.37	N/A				
15	SPARE																											
16	SPARE																											
17	SPARE																											
18	SPARE																											
19	SPARE																											
20	SPARE																											
21	SPARE																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A02/01
 Location of DB: 2ND FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_{pf} (2.93) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Codes For Type of wiring										Circuits/equipment vulnerable to damage when testing: LIGHTING																									
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state N/A																			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons										
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD									
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																	
22	SPARE																																		
23	SPARE																																		
24	SPARE																																		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/A02/01
 Location of DB: 2ND FLOOR BLOCK A
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_{pf} (2.93) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1	LIGHTING COMMUNAL	A	B	14	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.62	29	✓		
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.14	N/A	200+	200+	500	✓	0.99	28	✓		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.67	N/A	200+	200+	500	✓	1.85	28	✓		
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.45	0.44	0.53	0.45	N/A	200+	200+	500	✓	0.46	29	✓		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.65	19	✓		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.36	18	✓		
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.18	N/A			
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.41	N/A			
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.34	N/A			
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.23	N/A			
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.84	N/A	200+	200+	500	✓	0.77	29	✓		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.31	N/A	200+	200+	500	✓	0.66	28	✓		
5L1	SPARE																										
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.41	N/A			
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.3	N/A			
6L1	SPARE																										
6L2	SPARE																										
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.21	N/A	200+	200+	500	✓	0.58	29	✓		
7L1	SPARE																										
7L2	SPARE																										
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.33	N/A			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A02/02
 Location of DB: 2ND FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_f (1.87) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons												
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD											
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																			
8L1	SPARE																																				
8L2	SPARE																																				
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.61	28	✓												
9L1	SPARE																																				
9L2	SPARE																																				
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.24	N/A													
10L1	SPARE																																				
10L2	SPARE																																				
10L3	SPARE																																				
11L1	SPARE																																				
11L2	SPARE																																				
11L3	SPARE																																				
12L1	SPARE																																				
12L2	SPARE																																				
12L3	SPARE																																				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A02/02
 Location of DB: 2ND FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*

Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_{pf} (1.87) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.58	N/A	200+	200+	500	✓	1.58	28	✓	
1L2	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.64	N/A	200+	200+	500	✓	3.74	38	✓	
1L3	LIGHTING COMMUNAL	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.85	28	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.10	N/A	200+	200+	500	✓	0.95	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.7	39	✓	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.75	0.74	1.24	0.49	N/A	200+	200+	500	✓	0.51	39	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.44	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.44	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.19	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.07	N/A	200+	200+	500	✓	1.06	39	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.83	29	✓	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.19	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.45	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.37	N/A		
5L3	SPARE																									
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.91	N/A	200+	200+	500	✓	0.84	39	✓	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.92	N/A	200+	200+	500	✓	0.82	38	✓	
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.39	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.39	N/A		
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A02/03
 Location of DB: 2ND FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_{df} (2.37) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state N/A

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device	RCD	Maximum permitted Zs for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs (Ω)	RCD operating time (ms)	Test buttons						
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)				BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Ring final circuits only (measured end to end)						All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
																(Line) r ₁	(Neutral) r _n	(cpc) r ₂				(R ₁ +R ₂)	R ₂					
																(Ω)	(Ω)	(Ω)				(Ω)	(Ω)	(V)	(ms)			
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.97	N/A	200+	200+	500	✓	0.84	38	✓			
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.87	N/A	200+	200+	500	✓	0.76	39	✓			
8L3	SPARE																											
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.38	N/A				
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.33	N/A				
9L3	SPARE																											
10L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.75	28	✓			
10L2	SPARE																											
10L3	SPARE																											
11L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.32	N/A				
11L2	SPARE																											
11L3	SPARE																											
12L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.6	39	✓			
12L2	SPARE																											
12L3	SPARE																											
13L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.3	N/A				
13L2	SPARE																											
13L3	SPARE																											
14L1	SPARE																											
14L2	SPARE																											
14L3	SPARE																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/A02/03 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 2ND FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω I_{Δf} (2.37) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1	LIGHTING GROUND & 1ST FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.63	N/A		
1L2	LIGHTING 4TH & 5TH FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.76	N/A		
1L3	LIGHTING STAIRCASE GROUND TO 3RD FLOOR	A	B	15	2.5	1.5	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	2.00	N/A	200+	200+	500	✓	2.01	N/A		
2L1	LIGHTING 2ND & 3RD FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.42	N/A		
2L2	LIGHTING 6TH & 7TH FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.84	N/A		
2L3	LIGHTING STAIRCASE 4TH TO 7TH FLOOR	A	B	22	2.5	1.5	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	2.35	N/A	200+	200+	500	✓	0.98	N/A		
3L1	SPARE																										
3L2	SPARE																										
3L3	SPARE																										
4L1	SPARE																										
4L2	SPARE																										
4L3	SPARE																										
5L1	CLEANERS SKTS/AOV SPURS GROUND TO 3RD FLOOR	A	B	19	4.0	1.5	0.4	61009	RCD/RCBO	B	32	10	30	1.37	0.62	0.69	1.01	0.65	N/A	200+	200+	500	✓	0.46	38		✓
5L2	DOOR ACCESS 1ST FOOR SOCIAL SPACE	A	B	1	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.41	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A03/LL TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (400)V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.05)Ω I_{Δf} (9.12)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 Earth electrode resistance: _____ RCD: _____

**CONTINUATION SHEET:
ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD		Circuit impedances (Ω)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)				Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
5L3	CLEANERS SKT/AOV SPURS 4TH TO 7TH FLOOR	A	B	20	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.5	0.5	0.9	0.41	N/A	200+	200+	500	✓	0.39	38	✓	
6L1	DATA CAB	A	B	20	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.19	N/A		
6L2	SPARE																									
6L3	SPARE																									
7L1	SPARE																									
7L2	SPARE																									
7L3	SPARE																									
8L1	SPARE																									
8L2	SPARE																									
8L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A03/LL **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.05) Ω I_{Δf} (9.12) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.66	N/A	200+	200+	500	✓	3.12	38	✓	
2	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.8	N/A	200+	200+	500	✓	3.56	38	✓	
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.78	N/A	200+	200+	500	✓	0.72	38	✓	
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.14	N/A	200+	200+	500	✓	1.35	38	✓	
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.2	N/A	200+	200+	500	✓	1.39	38	✓	
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.3	N/A	200+	200+	500	✓	1.48	39	✓	
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.07	N/A	200+	200+	500	✓	1.24	38	✓	
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.2	N/A	200+	200+	500	✓	1.35	39	✓	
9	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.3	N/A	200+	200+	500	✓	1.44	38	✓	
10	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.5	0.5	1.15	0.4	N/A	200+	200+	500	✓	0.61	39	✓	
11	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.14	N/A		
12	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.17	N/A		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.34	N/A		
14	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.32	N/A		
15	SPARE																									
16	SPARE																									
17	SPARE																									
18	SPARE																									
19	SPARE																									
20	SPARE																									
21	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/A03/01
 Location of DB: 3RD FLOOR LINK KITCHEN
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω Z_{pf} (3.1) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.8	N/A	200+	200+	500	✓	1.91	29	✓	
1L2	LIGHTING COMMUNAL	A	B	14	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.61	29	✓	
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.91	28	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.53	29	✓	
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.44	0.5	0.91	0.31	N/A	200+	200+	500	✓	0.34	39	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.76	29	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.39	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.2	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.36	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.51	29	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.31	N/A	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.61	29	✓	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.37	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.33	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.66	29	✓	
6L2	SPARE																									
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.27	N/A		
7L2	SPARE																									
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/A03/02
 Location of DB: 3RD FLOOR BLOCK A
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_{ff} (2.61) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing: LIGHTING																	
(A) Thermoplastic insulated / sheathed cables			(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit			(D) Thermoplastic cables in metallic trunking			(E) Thermoplastic cables in non-metallic trunking			(F) Thermoplastic / SWA cables			(G) Thermosetting / SWA cables			(H) Mineral-insulated cables			(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)						Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)			Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.61	29	✓		
8L2	SPARE																										
8L3	SPARE																										
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.25	N/A			
9L2	SPARE																										
9L3	SPARE																										
10L1	SPARE																										
10L2	SPARE																										
10L3	SPARE																										
11L1	SPARE																										
11L2	SPARE																										
11L3	SPARE																										
12L1	SPARE																										
12L2	SPARE																										
12L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A03/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 3RD FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09)Ω Z_{pf} (2.61)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state N/A

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1	LIGHTING COMMUNAL	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	77	29	✓		
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.47	N/A	200+	200+	500	✓	2.82	29	✓		
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.76	N/A	200+	200+	500	✓	2.86	29	✓		
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.73	0.73	1.25	0.49	N/A	200+	200+	500	✓	0.51	28	✓		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.2	N/A	200+	200+	500	✓	1.03	29	✓		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.00	N/A	200+	200+	500	✓	0.85	28	✓		
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.19	N/A			
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.51	N/A			
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.49	N/A			
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.23	N/A			
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.88	N/A	200+	200+	500	✓	0.9	39	✓		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.54	29	✓		
5L1	SPARE																										
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.44	N/A	200+	200+	500	✓	0.48	N/A			
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.28	N/A			
6L1	SPARE																										
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.67	39	✓		
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.56	38	✓		
7L1	SPARE																										
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.4	N/A			
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.38	N/A			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A03/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_f (2.21) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device			RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)			Short-circuit capacity (kA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	DB-A04-01	G	E	1	25	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.07	N/A	200+	200+	500	✓	0.13	N/A		
1L2	SPARE																									
1L3	DB-A03-01	G	E	1	25	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.09	N/A		
2L1	DB-A03-02													N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.09	N/A		
2L2	DB-A03-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.09	N/A		
2L3	DB-A03-02													N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.09	N/A		
3L1	DB-A03-03													N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.1	N/A		
3L2	DB-A03-03	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.1	N/A		
3L3	DB-A03-03													N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.1	N/A		
4L1	DB-A04-02													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.1	N/A		
4L2	DB-A04-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.1	N/A		
4L3	DB-A04-02													N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.1	N/A		
5L1	SPARE																									
5L2	SPARE																									
5L3	SPARE																									
6L1	DB-A04-03													N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.09	N/A		
6L2	DB-A04-03	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.09	N/A		
6L3	DB-A04-03													N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.09	N/A		
7L1	DB-A03-LL													N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.07	N/A		
7L2	DB-A03-LL	G	E	1	25	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.07	N/A		
7L3	DB-A03-LL													N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.07	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-A04
 Location of DB: FLOOR 4 RISER A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 4) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω Z_{pf} (3.6) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons											
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables		(I) other - state N/A	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)				(Line) r ₁	(Neutral) r _n		(cpc) r ₂	(R ₁ +R ₂)	R ₂																							
		(s)	(A)				(kA)	(Ω)		(Ω)	(Ω)	(V)																							
1	APARTMENT LIGHTING LHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.56	N/A	200+	200+	500	✓	3.16	28	✓										
2	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.56	N/A	200+	200+	500	✓	2.93	38	✓										
3	COMMUNAL LIGHTING	A	B	20	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.93	39	✓										
4	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.25	N/A	200+	200+	500	✓	1.21	39	✓										
5	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.36	N/A	200+	200+	500	✓	1.31	39	✓										
6	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.46	N/A	200+	200+	500	✓	1.39	38	✓										
7	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.26	N/A	200+	200+	500	✓	1.18	38	✓										
8	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.31	N/A	200+	200+	500	✓	1.26	39	✓										
9	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.42	N/A	200+	200+	500	✓	1.36	39	✓										
10	COMMUNAL RING MAIN	A	B	19	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.37	0.34	0.89	0.3	N/A	200+	200+	500	✓	0.34	39	✓										
11	KITCHEN HOB RHS	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A											
12	KITCHEN HOB LHS	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.13	N/A											
13	KITCHEN OVEN/HOOD LHS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.29	N/A											
14	KITCHEN OVEN/HOOD RHS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.29	N/A											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A04/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR LINK Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_{pf} (2.71) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	0.88	29	✓		
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.18	N/A	200+	200+	500	✓	1.75	28	✓		
1L3	LIGHTING COMMUNAL	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.65	28	✓		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.81	28	✓		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.67	29	✓		
2L3	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.51	0.51	0.7	0.32	N/A	200+	200+	500	✓	0.37	28	✓		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.42	N/A			
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.4	N/A			
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.24	N/A			
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.7	29	✓		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.77	29	✓		
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.32	N/A			
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.39	N/A			
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.36	N/A			
5L3	SPARE																										
6L1	SPARE																										
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.67	29	✓		
6L3	SPARE																										
7L1	SPARE																										
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.32	N/A			
7L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A04/02
 Location of DB: 4TH FLOOR LINK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω Z_f (1.45) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.35	N/A	200+	200+	500	✓	2.84	38	✓	
1L2	LIGHTING COMMUNAL	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.66	28	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.83	N/A	200+	200+	500	✓	1.79	28	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.81	N/A	200+	200+	500	✓	0.88	38	✓	
2L2	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.8	0.79	0.84	0.43	N/A	200+	200+	500	✓	0.68	39	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.94	N/A	200+	200+	500	✓	0.86	29	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.71	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.42	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.44	N/A	200+	200+	500	✓	0.68	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.00	N/A	200+	200+	500	✓	1.06	39	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.37	N/A		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.77	N/A	200+	200+	500	✓	0.62	29	✓	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.65	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.44	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.92	N/A	200+	200+	500	✓	0.97	39	✓	
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.68	28	✓	
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.62	N/A		
7L2	SPARE																									
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.35	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A04/03
 Location of DB: 4TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_f (2.51) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

**CONTINUATION SHEET:
ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state N/A

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
																									(Ω)	(ms)
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.77	39	✓	
8L2	SPARE																									
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.87	38	✓	
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.61	N/A		
9L2	SPARE																									
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.35	N/A		
10L1	SPARE																									
10L2	SPARE																									
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.71	39	✓	
11L1	SPARE																									
11L2	SPARE																									
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.52	N/A		
12L1	SPARE																									
12L2	SPARE																									
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.74	39	✓	
13L1	SPARE																									
13L2	SPARE																									
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.53	N/A		
14L1	SPARE																									
14L2	SPARE																									
14L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A04/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.51) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons											
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables		(I) other - state N/A	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)				(Line) r ₁	(Neutral) r _n		(cpc) r ₂	(R ₁ +R ₂)	R ₂																							
		(s)	(Ω)				(Ω)	(Ω)		(Ω)																									
1	APARTMENT LIGHTING LHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.96	N/A	200+	200+	500	✓	3.75	38	✓										
2	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.76	N/A	200+	200+	500	✓	3.19	38	✓										
3	COMMUNAL LIGHTING	A	B	19	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.87	N/A	200+	200+	500	✓	0.92	38	✓										
4	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.26	N/A	200+	200+	500	✓	1.22	38	✓										
5	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.33	N/A	200+	200+	500	✓	1.3	28	✓										
6	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.43	N/A	200+	200+	500	✓	1.4	38	✓										
7	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.19	N/A	200+	200+	500	✓	1.18	39	✓										
8	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.29	N/A	200+	200+	500	✓	1.27	39	✓										
9	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.39	N/A	200+	200+	500	✓	1.35	38	✓										
10	COMMUNAL KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.37	0.39	0.84	1.28	N/A	200+	200+	500	✓	0.47	28	✓										
11	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.27	N/A											
12	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60989 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.15	N/A											
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.44	N/A											
14	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.4	N/A											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A05/01
Location of DB: 5TH FLOOR LINK KITCHEN

TESTED BY

Name (capitals): GERAINT JOHN
Signature: *Geraint John*

Position: Qualifying Supervisor
Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.05) Ω Z_{df} (2.11) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
Insulation resistance: () Earth fault loop impedance: ()
Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A															
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																					
1L1	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.57	38	✓		
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.9	38	✓		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.52	N/A	200+	200+	500	✓	2.73	38	✓		
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.79	0.79	0.83	0.44	N/A	200+	200+	500	✓	0.73	38	✓		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.63	38	✓		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.62	38	✓		
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.23	N/A			
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.38	N/A			
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.27	N/A			
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.27	N/A			
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.66	38	✓		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.57	38	✓		
5L1	SPARE																										
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.32	N/A			
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.23	N/A			
6L1	SPARE																										
6L2	SPARE																										
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.56	38	✓		
7L1	SPARE																										
7L2	SPARE																										
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.24	N/A			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A05/02
 Location of DB: 5TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (No) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_f (2.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING RHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.79	N/A	200+	200+	500	✓	2.06	29	✓	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.6	N/A	200+	200+	500	✓	3.21	38	✓	
1L3	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	1.75	38	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.03	N/A	200+	200+	500	✓	1.07	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.96	N/A	200+	200+	500	✓	1.15	28	✓	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.5	0.5	0.83	0.85	N/A	200+	200+	500	✓	0.49	29	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.67	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.68	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.36	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.98	N/A	200+	200+	500	✓	0.99	28	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.54	28	✓	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.24	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.64	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.35	N/A		
5L3	SPARE																									
6L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.03	N/A	200+	200+	500	✓	1.04	39	✓	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.77	39	✓	
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.56	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.53	N/A		
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A05/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 5TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_{pf} (2.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A															
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD	
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																					
8L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.92	N/A	200+	200+	500	✓	0.96	39	✓		
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.78	39	✓		
8L3	SPARE																										
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.55	N/A			
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.52	N/A			
9L3	SPARE																										
10L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.87	39	✓		
10L2	SPARE																										
10L3	SPARE																										
11L1	STUDIO HOB CIRCUIT	A	B	1	1.5	1.0	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.48	N/A			
11L2	SPARE																										
11L3	SPARE																										
12L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.7	39	✓		
12L2	SPARE																										
12L3	SPARE																										
13L1	STUDIO HOB RADIAL	A	B	1	1.5	1.0	0.4	60898 MCB	B	20	10	30	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.45	N/A			
13L2	SPARE																										
13L3	SPARE																										
14L1	SPARE																										
14L2	SPARE																										
14L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A05/03
 Location of DB: 5TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*

Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_{pf} (2.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons											
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables		(I) other - state N/A	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)				(Line) r ₁	(Neutral) r _n		(cpc) r ₂	(R ₁ +R ₂)	R ₂																							
		(s)	(Ω)				(Ω)	(Ω)		(Ω)																									
1	APARTMENT LIGHTING LHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	4.25	N/A	200+	200+	500	✓	2.62	28	✓										
2	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.93	N/A	200+	200+	500	✓	2.9	28	✓										
3	COMMUNAL LIGHTING	A	B	16	1.5	1.0	0.4	61029 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.84	N/A	200+	200+	500	✓	0.98	38	✓										
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.23	N/A	200+	200+	500	✓	1.31	19	✓										
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.33	N/A	200+	200+	500	✓	1.4	29	✓										
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.4	N/A	200+	200+	500	✓	1.46	29	✓										
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.19	N/A	200+	200+	500	✓	1.29	29	✓										
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.28	N/A	200+	200+	500	✓	1.37	19	✓										
9	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.36	N/A	200+	200+	500	✓	1.43	19	✓										
10	COMMUNAL KITCHEN RING MAIN	A	B	19	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.53	0.56	1.11	0.56	N/A	200+	200+	500	✓	0.57	39	✓										
11	COMMUNAL HOB LHS	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.14	N/A											
12	COMMUNAL HOB RHS	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.12	N/A											
13	COMMUNAL OVEN/HOOD LHS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	1.91	N/A	200+	200+	500	✓	0.13	N/A											
14	COMMUNAL OVEN/HOOD RHS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	1.43	N/A	200+	200+	500	✓	0.13	N/A											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A06/01
Location of DB: 6TH FLOOR LINK KITCHEN

TESTED BY Name (capitals): GERAINT JOHN
Signature: *Geraint John*

Position: Qualifying Supervisor
Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω Z_{df} (4.09) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
Insulation resistance: () Earth fault loop impedance: ()
Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)																	
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	2.5	28	✓	
1L2	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.63	18	✓	
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	1.31	28	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.7	28	✓	
2L2	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.5	0.5	0.84	0.84	N/A	200+	200+	500	✓	0.5	29	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.99	28	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.43	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.23	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.43	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.83	28	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.31	N/A	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.71	29	✓	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.37	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.5	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.68	29	✓	
6L2	SPARE																									
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.28	N/A		
7L2	SPARE																									
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A06/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.64) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing: LIGHTING																	
(A) Thermoplastic insulated / sheathed cables			(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit			(D) Thermoplastic cables in metallic trunking			(E) Thermoplastic cables in non-metallic trunking			(F) Thermoplastic / SWA cables			(G) Thermosetting / SWA cables			(H) Mineral-insulated cables			(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)						Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)			Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.47	28	✓		
8L2	SPARE																										
8L3	SPARE																										
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.26	N/A			
9L2	SPARE																										
9L3	SPARE																										
10L1	SPARE																										
10L2	SPARE																										
10L3	SPARE																										
11L1	SPARE																										
11L2	SPARE																										
11L3	SPARE																										
12L1	SPARE																										
12L2	SPARE																										
12L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A06/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_{pf} (1.64) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.75	28	✓	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	1.65	28	✓	
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.82	N/A	200+	200+	500	✓	3.55	38	✓	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.72	0.79	1.24	0.49	N/A	200+	200+	500	✓	0.43	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.39	N/A	200+	200+	500	✓	0.87	28	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	1.02	29	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.25	N/A		
3L2	STUDIO HOB RADIAL	A	B	13	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.5	N/A		
3L3	STUDIO HOB RADIAL	A	B	13	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.51	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.24	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.02	N/A	200+	200+	500	✓	0.95	28	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.6	28	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.45	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.38	N/A		
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.58	38	✓	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	0.84	38		
7L1	SPARE																									
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.4	N/A		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.38	N/A	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A06/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_f (2.27) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A															
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)		Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)	(ms)																	
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.1	N/A	200+	200+	500	✓	0.99	28	✓		
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.89	N/A	200+	200+	500	✓	1.86	28	✓		
1L3	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.85	N/A	200+	200+	500	✓	0.54	29	✓		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.88	N/A	200+	200+	500	✓	0.82	28	✓		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.11	N/A	200+	200+	500	✓	0.86	29	✓		
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.64	0.69	0.98	0.51	N/A	200+	200+	500	✓	0.37	29	✓		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.43	N/A			
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.43	N/A			
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.29	N/A			
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.69	28	✓		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.51	28	✓		
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.26	N/A			
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.45	N/A			
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.37	N/A			
5L3	SPARE																										
6L1	SPARE																										
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.68	29	✓		
6L3	SPARE																										
7L1	SPARE																										
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.36	N/A			
7L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A07/01
 Location of DB: 7TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_{df} (2.31) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	5.56	N/A	200+	200+	500	✓	4.02	29	✓	
1L2	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.06	N/A	200+	200+	500	✓	0.73	29	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.42	N/A	200+	200+	500	✓	2.5	29	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.85	N/A	200+	200+	500	✓	0.77	29	✓	
2L2	KITCHEN COMMUNAL RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.82	0.83	1.37	0.62	N/A	200+	200+	500	✓	0.38	29	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.05	N/A	200+	200+	500	✓	0.84	29	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.57	N/A		
3L2	KITCHEN HOB RADIAL	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.22	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.4	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.62	28	✓	
4L2	KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.25	N/A		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.43	29	✓	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.3	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.47	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.83	N/A	200+	200+	500	✓	0.66	29	✓	
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.52	29	✓	
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.42	N/A		
7L2	SPARE																									
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.45	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A07/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 7TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_f (2.36) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

**CONTINUATION SHEET:
ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state N/A

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
																									(Line) r ₁	(Neutral) r _n
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.56	29	✓	
8L2	SPARE																									
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.51	29	✓	
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.32	N/A		
9L2	SPARE																									
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.34	N/A		
10L1	SPARE																									
10L2	SPARE																									
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.52	29	✓	
11L1	SPARE																									
11L2	SPARE																									
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.23	N/A		
12L1	SPARE																									
12L2	SPARE																									
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.73	29	✓	
13L1	SPARE																									
13L2	SPARE																									
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.35	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A07/02 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_{df} (2.36) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	DB-A07-01												N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.1	N/A			
1L2	DB-A07-01	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.1	N/A		
1L3	DB-A07-01													N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.1	N/A		
2L1	DB-A07-02													N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.1	N/A		
2L2	DB-A07-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.1	N/A		
2L3	DB-A07-02													N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.1	N/A		
3L1	DB-A08-02													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.13	N/A		
3L2	DB-A08-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.13	N/A		
3L3	DB-A08-02													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.13	N/A		
4L1	DB-A08-01													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.08	N/A		
4L2	DB-A08-01	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.08	N/A		
4L3	DB-A08-01													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.08	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-A08 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: FLOOR 8 RISER A Signature: *[Signature]* Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RIISING BUSBAR FLOOR 8) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω Z_{pf} (3.96) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS											Circuits/equipment vulnerable to damage when testing: LIGHTING															
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.63	N/A	200+	200+	500	✓	0.6	38	✓	
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.63	N/A	200+	200+	500	✓	1.52	39	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.49	N/A	200+	200+	500	✓	1.82	38	✓	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.48	0.5	0.79	0.39	N/A	200+	200+	500	✓	0.36	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.07	N/A	200+	200+	500	✓	0.67	38	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.7	38	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.23	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.37	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.36	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.34	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.08	N/A	200+	200+	500	✓	0.53	28	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.62	38	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.35	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.29	N/A		
6L1	SPARE																									
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.83	N/A	200+	200+	500	✓	0.7	38	✓	
7L1	SPARE																									
7L2	SPARE																									
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.25	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A08/01
 Location of DB: 8TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_f (2.96) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		Operating current, I _{Δn} (mA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Maximum permitted Z _s for installed protective device*	(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																			
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.08	N/A	200+	200+	500	✓	3.21	38	✓	
1L2	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.43	N/A	200+	200+	500	✓	2.61	29	✓	
1L3	LIGHTING COMMUNAL	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.87	N/A	200+	200+	500	✓	0.92	29	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.6	29	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.84	N/A	200+	200+	500	✓	0.95	38	✓	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.71	0.7	1.31	0.48	N/A	200+	200+	500	✓	0.14	29	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.33	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.27	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.07	N/A	200+	200+	500	✓	0.24	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.66	29	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.08	N/A	200+	200+	500	✓	0.53	28	✓	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.37	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.64	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.36	N/A		
5L3	SPARE																									
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.58	29	✓	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.57	29	✓	
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.26	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.5	N/A	✓	
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A08/02
 Location of DB: 8TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω Z_{df} (2.1) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A															
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD	
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																					
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.53	29	✓		
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.65	29	✓		
8L3	SPARE																										
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.47	N/A			
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.46	N/A			
9L3	SPARE																										
10L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.6	N/A	200+	200+	500	✓	0.84	29	✓		
10L2	SPARE																										
10L3	SPARE																										
11L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.28	N/A			
11L2	SPARE																										
11L3	SPARE																										
12L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.78	N/A	200+	200+	500	✓	0.64	29	✓		
12L2	SPARE																										
12L3	SPARE																										
13L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.34	N/A			
13L2	SPARE																										
13L3	SPARE																										
14L1	SPARE																										
14L2	SPARE																										
14L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A08/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 8TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω I_{Δf} (2.1) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons						
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1L1	LIGHTING 8TH & 9TH FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.53	N/A			
1L2	LIGHTING 10TH & 11TH FLOOR LIFT	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.58	N/A			
1L3	LIGHTING STAIRCASE 8TH TO 11TH	A	B	21	2.5	1.5	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.88	N/A	200+	200+	500	✓	1.79	N/A			
2L1	SPARE																											
2L2	SPARE																											
2L3	SPARE																											
3L1	SPARE																											
3L2	SPARE																											
3L3	SPARE																											
4L1	SPARE																											
4L2	SPARE																											
4L3	SPARE																											
5L1	8TH TO 11TH FLOOR CLEANERS SKTS/AOV SPURS	A	B	20	4.0	1.5	0.4	61009	RCD/RCBO	B	32	10	30	1.37	0.34	0.34	0.34	0.25	N/A	200+	200+	500	✓	0.61	28		✓	
5L2	FA PANEL SPUR LEVEL 7 RISER	A	B	1	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.43	N/A			
5L3	DATA CAB SPUR	A	B	1	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.14	N/A			
6L1	SPARE																											
6L2	SPARE																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A09/LL TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 9TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_{pf} (5.70) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.06	N/A	200+	200+	500	✓	2.01	38	✓	
1L2	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.45	39	✓	
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.54	N/A	200+	200+	500	✓	1.35	38	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.95	N/A	200+	200+	500	✓	0.78	39	✓	
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.52	0.52	0.4	0.21	N/A	200+	200+	500	✓	0.41	39	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	0.77	39	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.31	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.29	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.95	N/A	200+	200+	500	✓	0.27	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.74	38	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.14	N/A		✓
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.69	38	✓	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.29	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.25	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.58	38	✓	
6L2	SPARE																									
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.27	N/A		
7L2	SPARE																									
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A09/01
 Location of DB: 9TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω Z_{pf} (6.88) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)				Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	0.74	38	✓	
8L2	SPARE																									
8L3	SPARE																									
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.21	N/A		
9L2	SPARE																									
9L3	SPARE																									
10L1	SPARE																									
10L2	SPARE																									
10L3	SPARE																									
11L1	SPARE																									
11L2	SPARE																									
11L3	SPARE																									
12L1	SPARE																									
12L2	SPARE																									
12L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A09/01
 Location of DB: 9TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*

Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω Z_{pf} (6.88) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.81	29	✓	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	4.19	N/A	200+	200+	500	✓	2.48	38	✓	
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.32	N/A	200+	200+	500	✓	2.86	29	✓	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.84	0.86	1.39	0.55	N/A	200+	200+	500	✓	0.64	29	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.06	N/A	200+	200+	500	✓	1.00	29	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	2.45	N/A	200+	200+	500	✓	0.96	39	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.07	N/A	200+	200+	500	✓	0.27	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.49	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.41	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.24	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.00	N/A	200+	200+	500	✓	0.88	29	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.88	N/A	200+	200+	500	✓	0.84	38	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.5	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.32	N/A		
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.61	29	✓	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.96	N/A	200+	200+	500	✓	0.84	29	✓	
7L1	SPARE																									
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.37	N/A		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.42	N/A	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A09/02
 Location of DB: 9TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Position: Qualifying Supervisor
 Signature: [Signature]
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_f (2.28) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1	DB-A09-01												N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.11	N/A				
1L2	DB-A09-01	G	E	1	35	ARM	60947-2	MCCB			125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.11	N/A		
1L3	DB-A09-01														N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.11	N/A		
2L1	DB-A09-02														N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.1	N/A		
2L2	DB-A09-02	G	E	1	35	ARM	60947-2	MCCB			125	25	N/A	0.15	N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.1	N/A		
2L3	DB-A09-02														N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.1	N/A		
3L1	DB-A10-01														N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.09	N/A		
3L2	DB-A10-01	G	E	1	35	ARM	60947-2	MCCB			125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.09	N/A		
3L3	DB-A10-01														N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.09	N/A		
4L1	DB-A10-02														N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.09	N/A		
4L2	DB-A10-02	G	E	1	35	ARM	60947-2	MCCB			125	25	N/A	0.15	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.09	N/A		
4L3	DB-A10-02														N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.09	N/A		
5L1	DB-A09-LL														N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.06	N/A		
5L2	DB-A09-LL	G	E	1	25	ARM	60947-2	MCCB			125	25	N/A		N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.06	N/A		
5L3	DB-A09-LL														N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.06	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-A10
 Location of DB: FLOOR 10 RISER A
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 10 RISER) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω Z_{pf} (4.00) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.86	28	✓	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.06	N/A	200+	200+	500	✓	2.27	28	✓	
1L3	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.05	N/A	200+	200+	500	✓	0.92	28	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.76	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.46	38	✓	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.46	0.46	0.77	0.31	N/A	200+	200+	500	✓	0.38	39	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.31	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.28	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.14	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.87	N/A	200+	200+	500	✓	0.93	38	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.67	N/A	200+	200+	500	✓	1.07	38	✓	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.22	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.28	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.6	N/A		
5L3	SPARE																									
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.72	38	✓	
6L3	SPARE																									
7L1	SPARE																									
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.22	N/A		
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A10/01
 Location of DB: 10TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (5.98) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.35	N/A	200+	200+	500	✓	2.97	38	✓	
1L2	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.83	29	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.95	N/A	200+	200+	500	✓	2.41	28	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.05	N/A	200+	200+	500	✓	0.93	28	✓	
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.91	0.91	0.74	0.35	N/A	200+	200+	500	✓	0.33	29	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.96	N/A	200+	200+	500	✓	0.75	38	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.59	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.23	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.4	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.98	N/A	200+	200+	500	✓	0.89	29	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.3	N/A	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.67	28	✓	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.29	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	1.53	N/A	200+	200+	500	✓	0.33	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.89	N/A	200+	200+	500	✓	0.66	29	✓	
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.94	N/A	200+	200+	500	✓	0.83	29	✓	
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.45	N/A		
7L2	SPARE																									
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.41	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A10/02
 Location of DB: 10TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_f (2.52) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.45	29	✓	
8L2	SPARE																									
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.88	N/A	200+	200+	500	✓	0.77	29	✓	
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.29	N/A		
9L2	SPARE																									
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.29	N/A		
10L1	SPARE																									
10L2	SPARE																									
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.87	N/A	200+	200+	500	✓	0.75	29	✓	
11L1	SPARE																									
11L2	SPARE																									
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.32	N/A		
12L1	SPARE																									
12L2	SPARE																									
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.5	29	✓	
13L1	SPARE																									
13L2	SPARE																									
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.32	N/A		
14L1	SPARE																									
14L2	SPARE																									
14L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A10/02
 Location of DB: 10TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Signature: *Geraint John*

Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.52) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	1.02	39	✓	
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.58	N/A	200+	200+	500	✓	1.38	39	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.07	N/A	200+	200+	500	✓	2.25	39	✓	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.48	0.5	0.83	0.33	N/A	200+	200+	500	✓	0.36	38	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.78	28	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.67	N/A	200+	200+	500	✓	0.85	39	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.19	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.37	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.4	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.29	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.59	29	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.4	38	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.34	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.29	N/A		
6L1	SPARE																									
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.7	39	✓	
7L1	SPARE																									
7L2	SPARE																									
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.29	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A11/01
 Location of DB: 11TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω Z_f (1.46) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)																	
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.07	N/A	200+	200+	500	✓	2.1	28	✓	
1L2	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.36	N/A	200+	200+	500	✓	2.94	38	✓	
1L3	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.83	N/A	200+	200+	500	✓	1.00	28	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.15	N/A	200+	200+	500	✓	0.92	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.04	N/A	200+	200+	500	✓	0.93	28	✓	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.56	0.56	1.12	0.65	N/A	200+	200+	500	✓	0.43	39	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.49	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.54	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.13	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.63	39	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.94	N/A	200+	200+	500	✓	0.37	28	✓	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.26	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.47	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.23	N/A		
5L3	SPARE																									
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.67	39	✓	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.08	N/A	200+	200+	500	✓	0.84	29	✓	
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.39	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.38	N/A		
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A11/02
 Location of DB: 11TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.68) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.83	N/A	200+	200+	500	✓	0.58	39	✓	
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.5	28	✓	
8L3	SPARE																									
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.39	N/A		
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.36	N/A		
9L3	SPARE																									
10L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.23	N/A	200+	200+	500	✓	0.77	39	✓	
10L2	SPARE																									
10L3	SPARE																									
11L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.32	N/A		
11L2	SPARE																									
11L3	SPARE																									
12L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.76	39	✓	
12L2	SPARE																									
12L3	SPARE																									
13L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.27	N/A		
13L2	SPARE																									
13L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS
(to be completed in every case)

DB designation: DB/A11/02 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 11TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400)V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14)Ω I_{Δf} (1.68)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 Earth electrode resistance: _____ RCD: _____

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device			RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables			(H) Mineral-insulated cables	(I) other - state N/A	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)				Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁			(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
							(A)	(kA)		(mA)	(Ω)	(Ω)			(Ω)	(Ω)	(Ω)	(V)	(ms)										
1L1	DB-A11-01						35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.14	N/A			
1L2	DB-A11-01	G	E	1			35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.14	N/A			
1L3	DB-A11-01																		0.03	N/A	200+	200+	500	✓	0.14	N/A			
2L1	DB-A11-02																		0.01	N/A	200+	200+	500	✓	0.14	N/A			
2L2	DB-A11-02	G	E	1			35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A			
2L3	DB-A11-02																		0.01	N/A	200+	200+	500	✓	0.14	N/A			
3L1	DB-A12-01																		0.01	N/A	200+	200+	500	✓	0.13	N/A			
3L2	DB-A12-01	G	E	1			35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A			
3L3	DB-A12-01																		0.01	N/A	200+	200+	500	✓	0.13	N/A			
4L1	DB-A12-02																		0.02	N/A	200+	200+	500	✓	0.13	N/A			
4L2	DB-A12-02	G	E	1			35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.13	N/A			
4L3	DB-A12-02																		0.04	N/A	200+	200+	500	✓	0.13	N/A			
5L1	DB-A13-01																		0.03	N/A	200+	200+	500	✓	0.11	N/A			
5L2	DB-A13-01	G	E	1			35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.11	N/A			
5L3	DB-A13-01																		0.01	N/A	200+	200+	500	✓	0.11	N/A			
6L1	DB-A13-02																		0.01	N/A	200+	200+	500	✓	0.08	N/A			
6L2	DB-A13-02	G	E	1			35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.08	N/A			
6L3	DB-A13-02																		0.01	N/A	200+	200+	500	✓	0.08	N/A			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-A12
 Location of DB: FLOOR 12 RISER A
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 12) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω Z_{pf} (4.10) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A															
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Maximum permitted Zs for installed protective device*	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons				
					Live (mm²)	cpc (mm²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Operating current, I _{Δn} (mA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																					
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.92	N/A	200+	200+	500	✓	2.51	38	✓		
1L2	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.71	39	✓		
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.16	N/A	200+	200+	500	✓	1.23	38	✓		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.02	N/A	200+	200+	500	✓	0.95	38	✓		
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.49	0.5	0.83	0.34	N/A	200+	200+	500	✓	0.31	39	✓		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.59	39	✓		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.31	N/A			
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.22	N/A			
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.34	N/A			
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.04	N/A	200+	200+	500	✓	0.95	28	✓		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.34	N/A			
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.73	38	✓		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.32	N/A			
5L2	SPARE																										
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.27	N/A			
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.97	N/A	200+	200+	500	✓	0.86	29	✓		
6L2	SPARE																										
6L3	SPARE																										
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.23	N/A			
7L2	SPARE																										
7L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A12/01
 Location of DB: 12TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (4.16) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work



This certificate is not valid if the serial number has been defaced or altered

238048

ICR18

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.78	N/A	200+	200+	500	✓	0.92	39	✓	
8L2	SPARE																									
8L3	SPARE																									
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.21	N/A		
9L2	SPARE																									
9L3	SPARE																									
10L1	SPARE																									
10L2	SPARE																									
10L3	SPARE																									
11L1	SPARE																									
11L2	SPARE																									
11L3	SPARE																									
12L1	SPARE																									
12L2	SPARE																									
12L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/A12/01
 Location of DB: 12TH FLOOR BLOCK A
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω Z_{pf} (4.16) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)																	
1L1	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.31	N/A	200+	200+	500	✓	1.18	29	✓	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.81	N/A	200+	200+	500	✓	1.96	39	✓	
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.8	N/A	200+	200+	500	✓	2.48	39	✓	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.78	0.78	1.34	0.48	N/A	200+	200+	500	✓	0.6	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.83	N/A	200+	200+	500	✓	0.95	29	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.63	39	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.2	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.51	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.58	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.3	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.16	N/A	200+	200+	500	✓	0.92	39	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.06	N/A	200+	200+	500	✓	0.75	39	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.49	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.47	N/A		
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.52	29	✓	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.94	N/A	200+	200+	500	✓	0.62	39	✓	
7L1	SPARE																									
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.4	N/A		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.4	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A12/02
 Location of DB: 12TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Position: Qualifying Supervisor
 Signature: [Signature]
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_f (1.97) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A															
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																					
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.51	N/A	200+	200+	500	✓	1.32	39	✓		
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.18	N/A	200+	200+	500	✓	3.35	38	✓		
1L3	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.72	39	✓		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.73	39	✓		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.82	29	✓		
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.47	0.47	0.8	0.36	N/A	200+	200+	500	✓	0.37	39	✓		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.26	N/A			
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.37	N/A			
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.16	N/A			
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	0.9	29	✓		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.74	39	✓		
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.31	N/A			
5L1	STUDIO HOB RADIAL	A	B	13	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.22	N/A			
5L2	STUDIO HOB RADIAL	A	B	13	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.16	N/A			
5L3	SPARE																										
6L1	SPARE																										
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.78	39	✓		
6L3	SPARE																										
7L1	SPARE																										
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.28	N/A			
7L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A13/01
 Location of DB: 13TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω Z_{df} (2.18) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.76	N/A	200+	200+	500	✓	2.84	39	✓	
1L2	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.29	N/A	200+	200+	500	✓	0.95	39	✓	
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.27	N/A	200+	200+	500	✓	3.43	39	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.91	28	✓	
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.75	0.76	1.28	0.49	N/A	200+	200+	500	✓	0.6	38	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.85	28	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.46	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.11	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.16	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.9	N/A	200+	200+	500	✓	0.93	29	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.22	N/A	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.77	29	✓	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.52	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.5	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.61	29	✓	
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.64	N/A	N/A	N/A	N/A		0.63	39	✓	
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.36	N/A		
7L2	SPARE																									
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.38	N/A	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A13/02
 Location of DB: 13TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Position: Qualifying Supervisor
 Signature: [Signature]
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_f (1.82) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.43	39	✓	
8L2	SPARE																									
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.67	39	✓	
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.39	N/A		
9L2	SPARE																									
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.32	N/A		
10L1	SPARE																									
10L2	SPARE																									
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.64	29	✓	
11L1	SPARE																									
11L2	SPARE																									
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.29	N/A		
12L1	SPARE																									
12L2	SPARE																									
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.75	39	✓	
13L1	SPARE																									
13L2	SPARE																									
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.28	N/A		
14L1	SPARE																									
14L2	SPARE																									
14L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A13/02
 Location of DB: 13TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*

Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (1.82) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons						
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1L1	LOBBY LIGHTING FLOORS 12 TO 13	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.38	N/A				
1L2	LOBBY LIGHTING FLOOR 16	A	B	16	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.32	N/A				
1L3	STAIR LIGHTING FLOOR 12 TO 14	A	B	16	1.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.89	N/A	200+	200+	500	✓	1.54	N/A				
2L1	LOBBY LIGHTING FLOORS 14 TO 15	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.35	N/A				
2L2	SPARE																											
2L3	SPARE																											
3L1	EXTERNAL SIGN	A	B	1	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A		N/A	200+	200+	500	✓		N/A				
3L2	SPARE																											
3L3	SPARE																											
4L1	SPARE																											
4L2	SPARE																											
4L3	SPARE																											
5L1	CLEANERS SKT/AOV SPURS FLOORS 12 TO 16 RING MAIN	A	B	17	4.0	2.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.59	0.54	0.4	0.38	N/A	200+	200+	500	✓	0.22	38		✓		
5L2	FA PANEL SPUR FLOOR 13 RISER	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A				
5L3	SPARE																											
6L1	DATA CAB SPUR FLOOR 14 RISER	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.18	N/A				
6L2																												
6L3																												

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A14/LL TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 14TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400)V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19)Ω Z_{pf} (1.4)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.92	N/A	200+	200+	500	✓	0.76	39	✓	
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.45	N/A	200+	200+	500	✓	1.43	39	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.62	N/A	200+	200+	500	✓	2.18	39	✓	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.57	0.54	0.9	0.3	N/A	200+	200+	500	✓	0.48	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.45	39	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.61	39	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.17	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.44	N/A	200+	200+	500	✓	0.45	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.36	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.39	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.92	N/A	200+	200+	500	✓	0.8	39	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	0.67	39	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.27	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.3	N/A		
6L1	SPARE																									
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.76	39	✓	
7L1	SPARE																									
7L2	SPARE																									
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.33	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A14/01
 Location of DB: 14TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω Z_f (1.3) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.54	N/A	200+	200+	500	✓	1.86	39	✓	
1L2	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.12	N/A	200+	200+	500	✓	3.29	39	✓	
1L3	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.19	N/A	200+	200+	500	✓	1.01	28	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.63	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.39	39	✓	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.88	0.88	1.34	0.55	N/A	200+	200+	500	✓	0.47	28	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.57	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.3	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.2	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.61	39	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.75	39	✓	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.26	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.55	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.36	N/A		
5L3	SPARE																									
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.59	39	✓	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.68	39	✓	
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.31	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.28	N/A	✓	
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A14/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 14TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.41) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A															
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD	
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																					
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.44	39	✓		
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.5	39	✓		
8L3	SPARE																										
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.43	N/A			
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.41	N/A			
9L3	SPARE																										
10L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.73	39	✓		
10L2	SPARE																										
10L3	SPARE																										
11L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.37	N/A			
11L2	SPARE																										
11L3	SPARE																										
12L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.55	39	✓		
12L2	SPARE																										
12L3	SPARE																										
13L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.37	N/A			
13L2	SPARE																										
13L3	SPARE																										
14L1	SPARE																										
14L2	SPARE																										
14L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A14/02
 Location of DB: 14TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAIN JOHN
 Signature: *Geraint John*

Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.41) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A	RCD										Test buttons			
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	DB-A14-01												N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A			
1L2	DB-A14-01	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A		
1L3	DB-A14-01													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A		
2L1	DB-A14-02													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
2L2	DB-A14-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
2L3	DB-A14-02													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
3L1	DB-A14-LL													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.1	N/A		
3L2	DB-A14-LL	G	E	1	25	ARM	5	60947-2	MCCB	100	25	N/A	0.19	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.1	N/A		
3L3	DB-A14-LL													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.1	N/A		
4L1	DB-A15-01													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A		
4L2	DB-A15-01	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A		
4L3	DB-A15-01													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A		
5L1	DB-A15-02													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
5L2	DB-A15-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
5L3	DB-A15-02													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
6L1	DB-A16-01													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.12	N/A		
6L2	DB-A16-01	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.12	N/A		
6L3	DB-A16-01													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.12	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-A15
 Location of DB: FLOOR 15 RISER A
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 15) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω Z_{pf} (4.17) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.45	N/A	200+	200+	500	✓	2.12	38	✓	
1L2	LIGHTING COMMUNAL	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.96	N/A	200+	200+	500	✓	0.76	38	✓	
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.08	N/A	200+	200+	500	✓	1.55	38	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.81	N/A	200+	200+	500	✓	0.66	39	✓	
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.55	0.55	0.9	0.19	N/A	200+	200+	500	✓	0.82	39	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.89	N/A	200+	200+	500	✓	0.75	39	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.33	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.26	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.44	N/A	200+	200+	500	✓	0.33	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.99	N/A	200+	200+	500	✓	0.85	28	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.29	N/A	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.89	N/A	200+	200+	500	✓	0.65	39	✓	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.25	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.44	N/A	200+	200+	500	✓	0.33	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.46	39	✓	
6L2	EXTERNAL SIGN	A	B	1	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.39	N/A		
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.34	N/A		
7L2	SPARE																									
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A15/01
 Location of DB: 15TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω Z_{df} (1.23) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)				Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.59	39	✓	
8L2	SPARE																									
8L3	SPARE																									
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.27	N/A		
9L2	SPARE																									
9L3	SPARE																									
10L1	SPARE																									
10L2	SPARE																									
10L3	SPARE																									
11L1	SPARE																									
11L2	SPARE																									
11L3	SPARE																									
12L1	SPARE																									
12L2	SPARE																									
12L3	SPARE																									
13L1	EXTERNAL SIGN	A	B	1	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A		N/A	N/A	N/A	N/A			N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A15/01
 Location of DB: 15TH FLOOR BLOCK A

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*

Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω I_{Δf} (1.23) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state N/A

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
																								(Ω)	(ms)	
1L1	LIGHTING COMMUNAL	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.25	N/A	200+	200+	500	✓	0.94	39	✓	
1L2	LIGHTING RHS	A	B	36	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.73	N/A	200+	200+	500	✓	1.53	39	✓	
1L3	LIGHTING LHS	A	B	36	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.77	N/A	200+	200+	500	✓	1.54	39	✓	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.68	0.71	1.17	0.53	N/A	200+	200+	500	✓	0.51	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.61	39	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.43	39	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.18	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.67	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.49	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.26	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.55	38	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.46	29	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.43	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.37	N/A		
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.63	39	✓	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.54	39	✓	
7L1	SPARE																									
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.27	N/A		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.41	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A15/02 TESTED BY Name (capitals): GERAIN JOHN Position: Qualifying Supervisor Location of DB: 15TH FLOOR BLOCK A Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω Z_f (1.21) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state N/A

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.64	N/A	200+	200+	500	✓	1.43	39	✓	
1L2	LIGHTING RHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	3.1	N/A	200+	200+	500	✓	3.36	39	✓	
1L3	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.61	39	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.5	29	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.18	N/A	200+	200+	500	✓	0.48	29	✓	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.85	0.87	1.44	0.65	N/A	200+	200+	500	✓	0.4	39	✓	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.63	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.55	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.24	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.11	N/A	200+	200+	500	✓	0.97	39	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.43	39	✓	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.3	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.6	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.47	N/A		
5L3	SPARE																									
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.42	39	✓	
6L3	SPARE																									
7L1	SPARE																									
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.47	N/A		
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/A16/01 TESTED BY Name (capitals): GERAIN JOHN Position: Qualifying Supervisor Location of DB: LEVEL 16 Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω Z_f (1.21) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing: LIGHTING																											
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state N/A																					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons												
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD											
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																			
15L1	SPARE																																				
15L2	SPARE																																				
15L3	SPARE																																				
16L1	SPARE																																				
16L2	SPARE																																				
16L3	SPARE																																				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/A16/01
 Location of DB: LEVEL 16

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *G. Geraint*

Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω Z_{df} (1.21) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1													N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.26	N/A			
1L2	VRV UNIT 1ST FLOOR COURT YARD	G	E	1	16.0	SWA	5	60947-2	MCCB	50	25	N/A	0.38	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.26	N/A		
1L3													N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.26	N/A			
2L1													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.24	N/A			
2L2	DB 00 LL0.3 EXTERNAL LIGHTING 1ST FLOOR COURT YARD	G	E	1	16.0	SWA	5	60947-2	MCCB	63	25	N/A	0.3	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.24	N/A		
2L3													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.24	N/A			
3L1													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.17	N/A			
3L2	MCC PANEL GROUND FLOOR PLANT	G	E	1	70.0	SWA	5	60947-2	MCCB	100	25	N/A	0.19	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.17	N/A		
3L3													N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.17	N/A			
4L1													N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.1	N/A			
4L2	DB 00 LL0.4 LAUNDRY GROUND FLOOR	G	E	1	50.0	SWA	5	60947-2	MCCB	160	25	N/A	0.12	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.1	N/A		
4L3													N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.1	N/A			
5L1													N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.19	N/A			
5L2	VRV UNIT 1ST FLOOR COURT YARD	G	E	1	16.0	SWA	5	60947-2	MCCB	40	25	N/A	0.46	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.19	N/A		
5L3													N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.19	N/A			
6L1													N/A	N/A	N/A	0.189	N/A	200+	200+	500	✓	0.1	N/A			
6L2	DB 00 LL0.2 RECEPTION	G	E	1	35.0	SWA	5	60947-2	MCCB	100	25	N/A	0.12	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.1	N/A		
6L3													N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.1	N/A			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: PB-LO-A00 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: GF RISER BLOCK B Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (400) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.2) Ω Z_f (1.14) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
7L1													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.15	N/A			
7L2	DB01 LL1.1 1ST FLOOR SOCIAL SPACE	G	E	1	35.0	SWA	5	60947-2	MCCB	100	25	N/A	0.19	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.15	N/A		
7L3														N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.15	N/A		
8L1														N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.14	N/A		
8L2	DB00 LL0.1 PLANT ROOM	G	E	1	35.0	SWA	5	60947-2	MCCB	125	25	N/A	0.15	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.14	N/A		
8L3														N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.14	N/A		

DISTRIBUTION BOARD (DB) DETAILS
(to be completed in every case)

DB designation: PB-LO-A00
 Location of DB: GF RISER BLOCK B
TESTED BY Name (capitals): GERAIN'T JOHN
 Signature: *G. John*
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (400) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.2) Ω I_{Δf} (1.14) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1	BIN/CYCLE STORE/LIFT LOBBY RING	A/E	B	10	2.5	2.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.43	0.41	0.26	0.15	N/A	200+	200+	500	✓	0.28	39	✓		
1L2	PLANTROOM/L.V/L.S/GENERATOR ROOM RING MAIN	A/E	B	18	2.5	2.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	0.83	0.7	0.3	0.21	N/A	200+	200+	500	✓	0.17	38	✓		
1L3	BIN STORE FANS	G	E	2	2.5	SWA	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.6	N/A			
2L1	SPARE							60898 MCB	B	20	10	N/A															
2L2	SPARE							60898 MCB	B	6	10	N/A															
2L3	DB00-LL0.1-1 RETAIL CORRIDOR	G	E	1	10.0	10.0	5	60890 MCB	B	40	10	N/A		N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.23	N/A			
3L1	SPARE							61009 RCD/RCBO	C	10	10	30														✓	
3L2	SPARE							61009 RCD/RCBO	C	10	10	30														✓	
3L3	SPARE							61009 RCD/RCBO	C	10	10	30														✓	
4L1	SPARE																										
4L2	SPARE																										
4L3	SPARE																										
5L1	SPARE				6.0			60898 MCB	B	20	10	N/A		N/A	N/A	N/A	0.44	N/A	200+	200+	500	✓	0.9	N/A			
5L2	VRV UNIT 1ST FLOOR COURTYARD	G	E	1	6.0	SWA	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.29	N/A			
5L3	SPARE								B	20	10	N/A		N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.29	N/A			
6L1	GROUND FLOOR LIFT LOBBY LIGHTING	G	E	8	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19	N/A	N/A	N/A	2.19	N/A	200+	200+	500	✓	1.19	28	✓		
6L2	EXTERNAL LIGHTS RECEPTION AREA	G	E	7	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19	N/A	N/A	N/A	2.19	N/A	200+	200+	500		1.07	27	✓		
6L3	SPARE																										
7L1	TRACE HEATING BIN STORE	G	E	1	2.5	SWA	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.45	N/A			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB00-LL0.1 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: GF PLANTROOM Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-L0-A00) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_{pf} (1.66) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Codes For Type of wiring										Circuits/equipment vulnerable to damage when testing: LIGHTING																	
(A) Thermoplastic insulated / sheathed cables			(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit			(D) Thermoplastic cables in metallic trunking			(E) Thermoplastic cables in non-metallic trunking			(F) Thermoplastic / SWA cables			(G) Thermosetting / SWA cables			(H) Mineral-insulated cables			(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)						Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)			Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
7L2	GENERATOR/L.V./L.S/BIN STORE LIGHTING	A/E	B	27	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19	N/A	N/A	N/A	1.68	N/A	200+	200+	500	✓	0.94	29	✓		
7L3	SPARE							61009 RCD/RCBO	C	10	10	30													✓		
8L1	EXTERNAL LIGHTING	G	E	8	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19	N/A	N/A	N/A	1.25	N/A	200+	200+	500	✓	1.01	30	✓		
8L2	PLANTROOM LIGHTING	A/E	B	16	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19	N/A	N/A	N/A	1.37	N/A	200+	200+	500	✓	0.87	27	✓		
8L3	BIKE STORE LIGHTING	A/E	B	18	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.73	38	✓		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB00-LL0.1 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: GF PLANTROOM Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-LQ-A00) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14)Ω I_{Δf} (1.66)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	RECEPTION DADO RING MAIN	A	E	7	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	0.44	0.47	0.66	0.35	N/A	200+	200+	500	✓	0.25	39	✓	
1L2	DB00-LL0.2-1 COMMS DB	G	E	1	10.0	10.0	0.4	60898 MCB	B	40	10	N/A	1.09	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.13	N/A		
1L3	CLEANERS SOCKETS RING MAIN	A	E	14	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	1.51	1.51	0.69	0.29	N/A	200+	200+	500	✓	0.46	39	✓	
2L1	OFFICE FLOOR BOX RING MAIN	A	E	2	2.5	1.5	0.4	61009 RCD RCBO	C	32	10	30	0.68	0.44	0.44	0.66	1.08	N/A	200+	200+	500	✓	0.26	39	✓	
2L2	LAUNDRY TV WALL RING MAIN	A	E	8	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	1.25	1.25	1.75	0.86	N/A	200+	200+	500	✓	0.61	39	✓	
2L3	RECEPTION TEA POINT AREA RING MAIN	A	E	8	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	0.16	0.15	0.28	0.55	N/A	200+	200+	500	✓	0.18	39	✓	
3L1	OFFICE TEA POINT/DOOR HOLD	A	E	5	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.18	39	✓	
3L2	ACC HAND DRYER	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.14	N/A	200+	200+	500	✓	0.52	39	✓	
3L3	WELLBEING HAND DRYER	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	0.47	39	✓	
4L1	AV RACK	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.16	39	✓	
4L2	ACC ALARM SPUR	A	E	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.52	N/A		
4L3	CINEMA AREA AV/BSB SPURS	A	E	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.42	N/A		
5L1	RECEPTION/PIANO FLOOR BOXES RING MAIN	A	E	7	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	1.46	1.41	1.35	0.62	N/A	200+	200+	500	✓	0.45	39	✓	
5L2	GYM FLOOR BOXES RING MAIN	A	E	8	4.0	2.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	0.4	0.41	1.12	0.37	N/A	200+	200+	500	✓	0.29	39	✓	
5L3	CINEMA LOBBY FLOOR BOXES	A	E	2	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	0.61	0.62	0.88	0.37	N/A	200+	200+	500	✓	0.35	29	✓	
6L1	RECEPTION AREA AC/BSB SPURS	A	E	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.59	N/A		
6L2	GYM FLOOR BOXES RING MAIN	A	E	6	4.0	2.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	0.38	0.34	0.99	0.34	N/A	200+	200+	500	✓	0.28	39	✓	
6L3	WELLBEING/CINEMA RING MAIN	A	E	15	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	1.62	1.59	0.93	0.65	N/A	200+	200+	500	✓	0.3	39	✓	
7L1	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB00-LL0.2 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: GF PARCEL STORE Signature: [Signature] Date: 09/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-LO-A00) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (100) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
7L2	GYM FLOOR BOX RING MAIN	A	E	4	4.0	2.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	0.34	0.34	1.04	0.35	N/A	200+	200+	500	✓	0.35	39	✓		
7L3	RECEPTION OVERDOOR HEATER/AUTO DOOR	A	E	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500+	✓	0.45	N/A			
8L1	EXTERNAL SIGN	A	E	2	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.6	N/A			
8L2	LAUNDRY AREA AC/BSB SPURS	A	E	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.62	N/A			
8L3	BAFFLES LIGHTING	A	E	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.79	39	✓		
9L1	OFFICE LIGHTING	A	E	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.61	39	✓		
9L2	LAUNDRY LIGHTING	A	E	4	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.45	N/A	200+	200+	500	✓	1.89	39	✓		
9L3	RECEPTION LIGHTING	A	E	23	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.11	N/A	200+	200+	500	✓	0.8	39	✓		
10L1	AUDITORIUM/ACC TOILET LIGHTING	A	E	17	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.72	39	✓		
10L2	LAUNDRY BACK CORRIDOR LIGHTING	A	E	6	1.5	1.0	0.4	60898 MCB	C	10	10	N/A	2.19	N/A	N/A	N/A	2.11	N/A	200+	200+	500	✓	1.6	29	✓		
10L3	CINEMA LIGHTING	A	E	18	1.5	1.0	0.4	60898 MCB	C	10	10	N/A	2.19	N/A	N/A	N/A	1.18	N/A	200+	200+	500	✓	0.87	29	✓		
11L1	SPARE																										
11L2	GYM AC	A	E	5	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.44	N/A			
11L3	SPARE																										
12L1	SPARE																										
12L2	GYM SOCKETS RING MAIN	A	E	4	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	0.9	0.87	1.44	0.68	N/A	200+	200+	500	✓	0.28	38	✓		
12L3	SPARE																										
13L1	SPARE																										
13L2	SPARE																										
13L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB00-LL0.2
 Location of DB: GF PARCEL STORE

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 09/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-LO-A00) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (100) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_{pf} (1.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																	
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	LIGHTING	D	B	18	1.5	1.0	0.4	60898	MCB	B	6	10	N/A	7.28	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.27	N/A		
2	SOCKETS	D	B	10	2.5	1.5	0.4	61009	RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	1.1	28	✓	
3	SECURITY SPUR	D	B	1	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.62	N/A		
4	F.A PANEL	D	B	1	2.5	1.2	0.4	60898	MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.49	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB00 LL0.1-1 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: GF RETAIL CORRIDOR Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (DB00-LL0.1 PLANROOM) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60898) Rating: (40) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.2) Ω I_{Δf} (1.15) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	COMMANDO SOCKET	A	B	1	4.0	2.5	0.4	60898 MCB	C	16	10	N/A	1.37	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.3	N/A		
2	COMMANDO SOCKET	A	B	1	4.0	2.5	0.4	60898 MCB	C	16	10	N/A	1.37	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.33	N/A		
3	H/L SPUR	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.35	29	✓	
4	SOCKET	A	B	2	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.15	39	✓	
5	LIGHTING	A	B	4	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.84	39	✓	
6	SECURITY SPUR	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.34	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB00-LL0.2-1
Location of DB: GF COMMS ROOM

TESTED BY

Name (capitals): GERAINT JOHN
Signature: *Geraint John*

Position: Qualifying Supervisor
Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (DB00-LL0.2 RECEPTION) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60898) Rating: (40) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω $I_{\Delta f}$ (1.79) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
Insulation resistance: () Earth fault loop impedance: ()
Earth electrode resistance: () RCD: ()

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(I) other - state N/A	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	APARTMENT LIGHTING LEFT	A	B	35	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.14	N/A	200+	200+	500	✓	2.88	38	✓				
2	APARTMENT LIGHTING RIGHT	A	B	28	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.64	N/A	200+	200+	500	✓	2.43	38	✓				
3	LIGHTING COMMUNAL AREAS	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.57	39	✓				
4	APARTMENT RADIAL CIRCULATION	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.11	N/A	200+	200+	500	✓	1.21	38	✓				
5	APARTMENT RADIAL CIRCULATION	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.74	38	✓				
6	APARTMENT RADIAL CIRCULATION	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.41	N/A	200+	200+	500	✓	1.44	38	✓				
7	APARTMENT RADIAL CIRCULATION	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.58	N/A	200+	200+	500	✓	1.34	38	✓				
8	APARTMENT RADIAL CIRCULATION	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.52	N/A	200+	200+	500	✓	1.55	38	✓				
9	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.6	0.59	0.28	0.2	N/A	200+	200+	500	✓	0.26	39	✓				
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.07	N/A	200+	200+	500	✓	0.24	N/A					
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.3	N/A					
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.32	N/A					
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.47	N/A					
14	DOOR ACCESS/DISABLED ALARM	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.73	N/A					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B01/01
 Location of DB: 1ST FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω I_{Δf} (3.12) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 () ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.59	38	✓	
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.85	N/A	200+	200+	500	✓	0.98	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.85	N/A	200+	200+	500	✓	0.24	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	1.05	N/A	200+	200+	500	✓	0.33	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B01/02
 Location of DB: 1ST FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω Z_{pf} (2.1) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.89	19	✓	
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.94	19	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.3	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.37	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B01/03
 Location of DB: 1ST FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω $I_{\Delta f}$ (1.61) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896) ()

Insulation resistance: Earth fault loop impedance:
 () ()

Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.67	38	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	1.07	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.14	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.37	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B01/04
 Location of DB: 1ST FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω Z_{pf} (1.26) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.85	N/A	200+	200+	500	✓	0.82	28	✓	
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.77	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.25	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.29	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B01/05 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 1ST FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω $I_{\Delta f}$ (1.88) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 () ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.71	39	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.85	N/A	200+	200+	500	✓	1.03	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.25	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.38	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B01/06
 Location of DB: 1ST FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_{pf} (1.62) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																	
CODES For Type of wiring										N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)		Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
		A	B		Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
		(Line) r ₁	(Neutral) r _n		(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.84	N/A	200+	200+	500	✓	0.78	28	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.76	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.11	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.17	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B01/07 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 1ST FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07)Ω Z_{pf} (3.37) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.93	38	✓	
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.86	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.21	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.3	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B01/08
 Location of DB: 1ST FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω Z_{pf} (2.11) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896) ()

Insulation resistance: Earth fault loop impedance:
 () ()

Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.93	N/A	200+	200+	500	✓	0.73	38	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.9	N/A	200+	200+	500	✓	0.85	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.18	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.37	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B01/09
 Location of DB: 1ST FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (2.95) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.93	38	✓	
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.53	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.18	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.27	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B01/10 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 1ST FLOOR BLOCK B Signature: [Signature] Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07)Ω $I_{\Delta f}$ (3.24)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	DB-B02-12	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.12	N/A		
8L2	DB-B02-14	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.11	N/A		
8L3	DB-B02-15	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.08	N/A		
9L1	DB-B01-02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.15	N/A		
9L2	DB-B01-03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.13	N/A		
9L3	DB-B01-04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.13	N/A		
10L1	DB-B01-05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.11	N/A		
10L2	DB-B01-06	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.1	N/A		
10L3	DB-B01-07	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.08	N/A		
11L1	DB-B01-08	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.07	N/A		
11L2	DB-B01-09	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.07	N/A		
11L3	DB-B01-10	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.08	N/A		
12L1	SPARE																									
12L2	SPARE																									
12L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-B02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: FLOOR 2 RISER B Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 2) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (250)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.05)Ω I_{Δf} (5.71)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
		Live	cpc				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.4	N/A	200+	200+	500	✓	1.83	40	✓				
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.22	N/A	200+	200+	500	✓	2.10	40	✓				
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.02	N/A	200+	200+	500	✓	1.01	29	✓				
4	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.65	39	✓				
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.31	N/A	200+	200+	500	✓	1.32	39	✓				
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.29	N/A	200+	200+	500	✓	1.28	39	✓				
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.43	N/A	200+	200+	500	✓	1.46	39	✓				
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.34	N/A	200+	200+	500	✓	1.36	39	✓				
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.65	0.66	0.24	0.32	N/A	200+	200+	500	✓	0.43	38	✓				
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.15	N/A					
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.16	N/A					
12	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.36	N/A					
13	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.26	N/A					
14	DOOR ACCESS/DISABLED ALARM	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	1.27	N/A	200+	200+	500	✓	0.84	N/A					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B02/01 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 2ND FLOOR BLOCK B Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} ()mA Operating time: ()ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14)Ω I_{Δf} (3.00)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 () ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.24	N/A	200+	200+	500	✓	0.73	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.55	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.33	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.19	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B02/02
 Location of DB: 2ND FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_{df} (2.76) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.78	N/A	200+	200+	500	✓	0.51	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.42	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.2	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.27	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B02/03
 Location of DB: 2ND FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω I_{Δf} (2.8) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.68	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.47	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.26	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.32	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B02/04 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 2ND FLOOR BLOCK B Signature: [Signature] Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ ()mA Operating time: ()ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13)Ω $I_{\Delta f}$ (2.77)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.69	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.64	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.28	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.23	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B02/05 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 2ND FLOOR BLOCK B Signature: [Signature] Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} ()mA Operating time: ()ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11)Ω I_{Δf} (2.07)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(I) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.03	N/A	200+	200+	500	✓	0.57	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.62	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.16	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.32	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B02/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 2ND FLOOR Signature: [Signature] Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} ()mA Operating time: ()ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1)Ω Z_{pf} (1.98)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: () Continuity: ()

(6111-754/090709/0896) ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A)	(B)				Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD		
		(D)	(E)				(F)	(G)		(H)	(I)	(J)	(K)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)				(Ω)	(ms)		
		(C)	(O)																											
1	ROOM LIGHTING			A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.65	38	✓			
2	SMALL POWER			A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.59	39	✓			
3	INDUCTION HOB			A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.11	N/A				
4	COMBI OVEN MICROWAVE			A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.25	N/A				
5	SPARE																													
6	SPARE																													

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B02/07 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 2ND FLOOR BLOCK B Signature: [Signature] Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} ()mA Operating time: ()ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06)Ω Z_{df} (2.87)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.68	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	0.53	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.16	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.28	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B02/08
 Location of DB: 2ND FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (2.1) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.79	39	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.41	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.09	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.27	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B02/09
 Location of DB: 2ND FLOOR
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω $I_{\Delta f}$ (2.09) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.26	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.5	N/A	200+	200+	500	✓	0.46	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.11	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.32	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B02/10
 Location of DB: 2ND FLOOR

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_{df} (2.78) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.76	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.93	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.19	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.35	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B02/11 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 2ND FLOOR BLOCK B Signature: [Signature] Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_{df} (2.81) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.56	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.69	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.19	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.27	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B02/12
 Location of DB: 2ND FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.89) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.62	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.24	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.14	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.28	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B02/13 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 2ND FLOOR BLOCK B Signature: [Signature] Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (2.09) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.26	N/A	200+	200+	500	✓	0.58	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.26	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.07	N/A	200+	200+	500	✓	0.11	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.32	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B02/14
 Location of DB: 2ND FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.08) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(I) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.59	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.61	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.29	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.34	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B02/15
 Location of DB: 2ND FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 26/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (2.77) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)					
1	APARTMENT LIGHTING LEFT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.32	N/A	200+	200+	500	✓	2.43	40	✓	
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.46	N/A	200+	200+	500	✓	2.53	40	✓	
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.5	N/A	200+	200+	500	✓	0.87	38	✓	
4	APARTMENT RADIAL 1ST ROOM	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.45	N/A	200+	200+	500	✓	1.36	39	✓	
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.14	N/A	200+	200+	500	✓	1.49	39	✓	
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.42	N/A	200+	200+	500	✓	1.44	39	✓	
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.6	N/A	200+	200+	500	✓	1.53	39	✓	
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.52	N/A	200+	200+	500	✓	1.58	39	✓	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.71	0.72	0.67	0.49	N/A	200+	200+	500	✓	0.38	39	✓	
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.27	N/A		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.29	N/A		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.92	N/A	200+	200+	500	✓	0.43	N/A		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.23	N/A		
14	DOOR ACCESS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.48	N/A		
15	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.38	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B02/16 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 2ND FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω Z_{pf} (2.02) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables			(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit			(D) Thermoplastic cables in metallic trunking			(E) Thermoplastic cables in non-metallic trunking			(F) Thermoplastic / SWA cables			(G) Thermosetting / SWA cables			(H) Mineral-insulated cables			(O) other - state		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons			
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING 3RD FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.17	N/A	200+	200+	500	✓	1.09	N/A		
1L2	LIGHTING GROUND TO SECOND FLOOR STAIRCASE	A	B	15	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	2.57	N/A	200+	200+	500	✓	2.40	N/A		
1L3	LIGHTING 1ST FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.7	N/A		
2L1	LIGHTING 4TH FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.84	N/A	200+	200+	500	✓	0.79	N/A		
2L2	LIGHTING 3RD TO 5TH FLOOR STAIRCASE	A	B	15	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.21	N/A	200+	200+	500	✓	2.02	N/A		
2L3	LIGHTING 2ND FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.91	N/A	200+	200+	500	✓	0.54	N/A		
3L1	LIGHTING 5TH FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.95	N/A	200+	200+	500	✓	0.63	N/A		
3L2	LIGHTING 6TH TO 8TH FLOOR STAIRCASE	A	B	15	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	3.92	N/A	200+	200+	500	✓	3.83	N/A		
3L3	LIGHTING 7TH FLOOR COMMUNAL	A	B	12	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.11	N/A	200+	200+	500	✓	1.36	N/A		
4L1	LIGHTING 6TH FLOOR COMMUNAL	A	B	12	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.78	N/A		
4L2	LIGHTING 8TH FLOOR COMMUNAL	A	B	12	2.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.22	N/A	200+	200+	500	✓	0.82	N/A		
4L3	LIGHTING 7TH FLOOR COMMUNAL	A	B	22	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.04	N/A	200+	200+	500	✓	0.91	N/A		
5L1	LIGHTING 6TH FLOOR COMMUNAL	A	B	12	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	1.36	N/A		
5L2	LIGHTING 2ND FLOOR	A	B	12	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.18	N/A	200+	200+	500	✓	1.00	N/A		
5L3	SPARE																									
6L1	SPARE																									
6L2	SPARE																									
6L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B03/LL TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B02) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_{df} (5.06) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
																		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)				R ₂	(MΩ)	(MΩ)
7L1	DOOR ACCESS LEVELS 5 TO 8	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.57	N/A			
7L2	PILLOW PAD LEVELS 1 TO 4	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.38	N/A			
7L3	DOOR ACCESS LEVELS 1 TO 4	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.29	N/A			
8L1	PILLOW PAD LEVELS 5 TO 8	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.33	N/A			
8L2	DOOR ACCESS LEVEL 6	A	B	3	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.62	N/A			
8L3	DOOR ACCESS LEVEL 8	A	B	3	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.41	N/A			
9L1	CLEANERS SOCKETS RING MAIN LEVELS 4 TO 5	A	B	14	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	N/A	1.37	1.11	1.10	1.80	1.11	N/A	200+	200+	500	✓	0.76	39	✓		
9L2	SPARE																										
9L3	CLEANERS SOCKETS RING MAIN LEVELS 1 TO 3	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	N/A	1.37	1.45	1.43	2.37	1.32	N/A	200+	200+	500	✓	0.95	39	✓		
10L1	CLEANERS SOCKETS RING MAIN LEVELS 6 TO 8	A	B	35	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	2.50	2.50	1.01	2.50	N/A	200+	200+	500	✓	1.56	38	✓		
10L2	SPARE																										
10L3	SPARE																										
11L1	DATA CAB LEVEL 3	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.31	N/A			
11L2	DOOR ACCESS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.42	N/A			
11L3	INTRUDER ALARM	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.32	N/A			
12L1	SPARE																										
12L2	FIRE ALARM PANEL LEVEL 8	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.45	N/A			
12L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B03/LL **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_{df} (5.06) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: (.....)

Insulation resistance: Earth fault loop impedance: (.....)

Earth electrode resistance: RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.83	N/A	200+	200+	500	✓	2.08	40	✓	
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.26	N/A	200+	200+	500	✓	2.36	40	✓	
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.09	N/A	200+	200+	500	✓	0.79	40	✓	
4	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.75	39	✓	
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.36	N/A	200+	200+	500	✓	1.45	39	✓	
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.27	N/A	200+	200+	500	✓	1.28	39	✓	
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.43	N/A	200+	200+	500	✓	1.51	39	✓	
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.38	N/A	200+	200+	500	✓	1.47	39	✓	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.66	0.67	0.68	0.31	N/A	200+	200+	500	✓	0.53	39	✓	
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.19	N/A		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.12	N/A		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.19	N/A		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.19	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B03/01
 Location of DB: 3RD FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.82) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.47	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.31	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.18	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.15	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B03/02
 Location of DB: 3RD FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω Z_{df} (1.81) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.08	N/A	200+	200+	500	✓	0.67	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.69	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.27	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.35	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B03/03
 Location of DB: 3RD FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω Z_{df} (1.79) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.77	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.72	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.22	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.41	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B03/04
 Location of DB: THIRD FLOOR
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.77) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.48	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.56	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.3	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.36	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B03/05
 Location of DB: 3RD FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.8) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.65	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.69	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.25	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.21	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B03/06 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.1.....)Ω I_{Δf} (2.07.....)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896)
 Insulation resistance: Earth fault loop impedance:
 Earth electrode resistance: RCD:
 (.....) (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.68	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.49	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.14	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.18	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B03/07
 Location of DB: 3RD FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.09) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.53	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.83	N/A	200+	200+	500	✓	0.37	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.09	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.32	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B03/08 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} ()mA Operating time: ()ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18)Ω I_{Δf} (1.68)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: () Continuity: ()

(6111-754/090709/0896) ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.53	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.56	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.2	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.2	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B03/09 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 609-47-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (2.77) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.47	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.52	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.14	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.22	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B03/10 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ ()mA Operating time: ()ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1)Ω $I_{\Delta n}$ (2.05)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	0.88	38	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.78	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.25	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.35	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B03/11 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PBO-B04) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15)Ω Z_{pf} (1.55) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.71	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.26	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.32	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.17	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B03/12 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.07) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.55	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.75	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.29	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.32	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B03/13
 Location of DB: 3RD FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (2.12) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			RCD operating time	Test buttons					
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.58	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.43	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.21	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.25	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B03/14 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.1) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.87	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.65	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.4	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.38	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B03/15
 Location of DB: 3RD FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.76) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(I) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD		
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)							
1	APARTMENT LIGHTING LEFT	A	B				1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.29	N/A	200+	200+	500	✓	2.23	20	✓	
2	APARTMENT LIGHTING RIGHT	A	B				1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.51	N/A	200+	200+	500	✓	2.50	40	✓	
3	LIGHTING COMMUNAL AREAS	A	B				1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.39	N/A	200+	200+	500	✓	1.00	48	✓	
4	APARTMENT RADIAL	A	B				2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.39	N/A	200+	200+	500	✓	1.34	29	✓	
5	APARTMENT RADIAL	A	B				2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.54	N/A	200+	200+	500	✓	1.44	39	✓	
6	APARTMENT RADIAL	A	B				2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.51	N/A	200+	200+	500	✓	1.50	39	✓	
7	APARTMENT RADIAL	A	B				2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.47	N/A	200+	200+	500	✓	1.61	29	✓	
8	APARTMENT RADIAL	A	B				2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.57	N/A	200+	200+	500	✓	1.56	39	✓	
9	KITCHEN RING MAIN	A	B				2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.75	0.74	1.17	0.63	N/A	200+	200+	500	✓	0.55	40	✓	
10	COMMUNAL KITCHEN HOB	A	B				6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.25	N/A		
11	COMMUNAL KITCHEN HOB	A	B				6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.29	N/A		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B				2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.42	N/A		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B				2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.4	N/A		
14	DOOR ACCESS	A	B			2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.49	N/A		
15	SMOKE CURTAIN	A	B			1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.35	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B03/16 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK B Signature: [Signature] Date: 10/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} ()mA Operating time: ()ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12)Ω Z_{df} (1.93)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(I) other - state N/A	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)					
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	4.32	N/A	200+	200+	500	✓	2.41	38	✓	
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.30	N/A	200+	200+	500	✓	2.30	40	✓	
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.03	N/A	200+	200+	500	✓	1.05	28	✓	
4	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.62	29	✓	
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.27	N/A	200+	200+	500	✓	1.37	38	✓	
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.74	N/A	200+	200+	500	✓	1.25	39	✓	
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.41	N/A	200+	200+	500	✓	1.43	39	✓	
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.11	N/A	200+	200+	500	✓	1.06	39	✓	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.65	0.65	1.36	0.38	N/A	200+	200+	500	✓	0.45	38	✓	
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.22	N/A		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.11	N/A		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.33	N/A		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.29	N/A		
14	DOOR ACCESS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.53	N/A		
15	LIGHTING COMMUNAL KITCHEN	A	B	6	1.5	1.1	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.87	38	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B04/01
 Location of DB: 4TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_{pf} (2.82) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables		(I) other - state N/A	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth		Test voltage DC	Polarity	Max. measured earth fault loop impedance, Z _s	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.75	29	✓			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.62	29	✓			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.27	N/A				
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.31	N/A				
5	SPARE																											
6	SPARE																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/02
 Location of DB: 4TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_{pf} (1.72) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.76	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.55	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.23	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.29	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 4TH FLOOR BLOCK B Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16)Ω Z_{pf} (1.81)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD		
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)									R_2	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.07	N/A	200+	200+	500	✓	0.51	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.63	28	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.25	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.4	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/04 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR BLOCK B Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω $I_{\Delta f}$ (1.88) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.66	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.54	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.33	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/05 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 4TH FLOOR BLOCK B Signature: [Signature] Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12)Ω I_{Δf} (1.77) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.27	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.66	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.29	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.32	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B04/06
 Location of DB: 4TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 27/10/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (2.1) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.57	39	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.71	28	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.17	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.28	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B04/07 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13)Ω I_{Δf} (1.88)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 () ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.65	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.78	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.24	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.29	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/08
 Location of DB: 4TH FLOOR BLOCK 4
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω I_{Δf} (2.79) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.44	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.57	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.2	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.22	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/09 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 4TH FLOOR BLOCK 4 Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09)Ω I_{Δf} (2.78) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring										N/A																
Circuit number	Circuit description	Type of wiring (see Codes)		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)				Insulation resistance			RCD operating time	Test buttons					
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD				
		(r ₁)	(r _n)		(r ₂)	(R ₁ +R ₂)		R ₂	(MΩ)	(MΩ)	(V)															
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.91	N/A	200+	200+	500	✓	0.57	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.83	N/A	200+	200+	500	✓	0.71	28	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.17	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.57	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/10 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR BLOCK 4 Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14)Ω I_{Δf} (1.57) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.8	19	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.17	N/A	200+	200+	500	✓	0.97	18	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.16	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.35	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B04/11 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13)Ω Z_{pf} (1.83)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	1.10	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.7	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.32	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.14	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/12
 Location of DB: 4TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω Z_{pf} (1.82) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.10	N/A	200+	200+	500	✓	1.17	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.64	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.28	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.3	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B04/13 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: () Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.81) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.84	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.43	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.21	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.24	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/14
 Location of DB: 4TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*

Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω $I_{\Delta n}$ (1.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.84	N/A	200+	200+	500	✓	0.53	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.75	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.22	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.39	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/15 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR BLOCK B Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A)mA Operating time: (N/A)ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13)Ω $I_{\Delta f}$ (1.80)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD							
										(Line) r ₁	(Neutral) r _n		(cpc) r ₂	(R ₁ +R ₂)									R ₂			
1	APARTMENT LIGHTING LEFT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.25	N/A	200+	200+	500	✓	2.93	29	✓	
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.17	N/A	200+	200+	500	✓	2.39	40	✓	
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.04	N/A	200+	200+	500	✓	0.94	38	✓	
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.33	N/A	200+	200+	500	✓	1.27	29	✓	
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.32	N/A	200+	200+	500	✓	1.22	19	✓	
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.42	N/A	200+	200+	500	✓	1.42	29	✓	
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.46	N/A	200+	200+	500	✓	1.33	29	✓	
8	APARTMENT RADIAL LHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.53	29	✓	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.68	0.68	1.17	0.49	N/A	200+	200+	500	✓	0.58	38	✓	
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.19	N/A		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.21	N/A		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.30	N/A	200+	200+	500	✓	0.28	N/A		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.30	N/A		
14	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.90	N/A	200+	200+	500	✓	0.93	29	✓	
15	DOOR ACCESS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.99	N/A		
16	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.28	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B04/16
Location of DB: 4TH FLOOR BLOCK B

TESTED BY

Name (capitals): GERAINT JOHN
Signature: *Geraint John*

Position: Qualifying Supervisor
Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (2.1) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
Insulation resistance: () Earth fault loop impedance: ()
Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	Ring final circuits only (measured end to end)				All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD		AFDD			
										(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)									R ₂		
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.93	N/A	200+	200+	500	✓	1.90	39	✓	
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.40	N/A	200+	200+	500	✓	2.42	40	✓	
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.37	N/A	200+	200+	500	✓	1.44	40	✓	
4	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.65	39	✓	
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.34	N/A	200+	200+	500	✓	1.38	39	✓	
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.21	N/A	200+	200+	500	✓	1.26	39	✓	
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.39	N/A	200+	200+	500	✓	1.42	29	✓	
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.29	N/A	200+	200+	500	✓	1.32	39	✓	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.61	0.61	0.3	0.42	N/A	200+	200+	500	✓	0.48	39	✓	
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.24	N/A		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.21	N/A		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.45	N/A		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.31	N/A		
14	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500		0.44	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/01
 Location of DB: 5TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (2.53) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.98	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.51	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.24	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.33	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 5TH FOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230)V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11)Ω I_{Δf} (2.07)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.63	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.72	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.24	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.31	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/03
 Location of DB: 5TH FOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.54) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables		(I) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth		Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.01	N/A	200+	200+	500	✓	0.78	29	✓			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.57	29	✓			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.3	N/A				
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.34	N/A				
5	SPARE																											
6	SPARE																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/04
 Location of DB: 5TH FOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.8) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	1.71	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.77	N/A	200+	200+	500	✓	0.72	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.21	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.26	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B05/05
 Location of DB: 5TH FOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.48	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.72	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.16	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.20	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/06
 Location of DB: 5TH FOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.55) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896)
 Insulation resistance: Earth fault loop impedance:
 Earth electrode resistance: RCD:

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.75	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.72	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.32	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.35	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/07
 Location of DB: 5TH FOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.10) Ω I_{Δf} (1.81) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.64	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.73	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.26	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.28	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/08
 Location of DB: 5TH FOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω I_{Δf} (2.73) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.58	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.37	28	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.15	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.26	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/09
 Location of DB: 5TH FOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω $I_{\Delta f}$ (2.57) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.10	N/A	200+	200+	500	✓	0.57	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.77	N/A	200+	200+	500	✓	0.26	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.16	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.26	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/10
 Location of DB: 5TH FOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.6) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896) ()

Insulation resistance: Earth fault loop impedance:
 () ()

Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																	
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(I) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.75	38	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.77	N/A	200+	200+	500	✓	0.71	18	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.19	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.26	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS
(to be completed in every case)

DB designation: DB/B05/11
 Location of DB: 5TH FOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.10) Ω I_{Δf} (2.19) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.13	N/A	200+	200+	500	✓	0.6	39	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.74	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.36	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.29	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B05/12 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 5TH FOOR BLOCK B Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B06) Nominal voltage: (230)V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09)Ω Z_{df} (2.74) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.72	39	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.59	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.15	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.26	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B05/13 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 5TH FOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.81) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

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Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.61	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.62	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.2	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.17	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/14
 Location of DB: 5TH FOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (2.07) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.5	N/A	200+	200+	500	✓	0.44	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.42	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.26	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.33	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B05/15 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 5TH FOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B06) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11)Ω I_{Δf} (2.07)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 () ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

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Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	APARTMENT LIGHTING LEFT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.48	N/A	200+	200+	500	✓	2.47	40	✓	
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.38	N/A	200+	200+	500	✓	2.29	40	✓	
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.82	38	✓	
4	APARTMENT RADIAL LHS/RHS 1ST ROOMS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.35	N/A	200+	200+	500	✓	1.42	39	✓	
5	APARTMENT RADIAL RHS/LHS 2ND/3RD ROOM	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.69	N/A	200+	200+	500	✓	1.49	39	✓	
6	APARTMENT RADIAL LHS/RHS 2ND/3RD ROOM	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.55	N/A	200+	200+	500	✓	1.53	29	✓	
7	APARTMENT RADIAL RHS LAST 2	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.66	N/A	200+	200+	500	✓	1.64	29	✓	
8	APARTMENT RADIAL LHS LAST 2 ROOMS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.91	N/A	200+	200+	500	✓	0.74	29	✓	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.73	0.74	1.26	0.55	N/A	200+	200+	500	✓	0.63	39	✓	
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.20	N/A	200+	200+	500	✓	0.28	N/A		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.27	N/A		
12	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.43	N/A		
13	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.4	N/A		
14	DOOR ACCESS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.5	N/A		
15	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.39	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B05/16
 Location of DB: 5TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{pf} (2.19) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	DB-B05-02	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.11	N/A		
1L2	DB-B05-03	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.14	N/A		
1L3	DB-B05-04	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.13	N/A		
2L1	DB-B05-05	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.12	N/A		
2L2	DB-B05-07	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
2L3	DB-B05-06	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.09	N/A		
3L1	DB-B05-08	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.07	N/A		
3L2	DB-B05-09	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.08	N/A		
3L3	DB-B05-11	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.08	N/A		
4L1	DB-B05-10	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.09	N/A		
4L2	DB-B05-12	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.09	N/A		
4L3	DB-B05-13	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
5L1	DB-B05-14	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.12	N/A		
5L2	DB-B05-15	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.11	N/A		
5L3	DB-B06-01	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.12	N/A		✓
6L1	DB-B05-01	G	E	1	35	SWA	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.12	N/A		
6L2	DB-B05-16	G	E	1	35	SWA	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.13	N/A		
6L3	DB-B06-20	G	E	1	35	SWA	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.11	N/A		
7L1	DB-B06-02	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.13	N/A		
7L2	DB-B06-04	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.15	N/A		
7L3	DB-B06-03	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.17	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-B06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: FLOOR 6 RISER B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RIISING BUSBAR FLOOR 6) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (250) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω Z_{pf} (4.34) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

**CONTINUATION SHEET:
ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state N/A

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
																									RCD	
8L1	DB-B06-06	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.08	N/A		
8L2	DB-B06-05	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.13	N/A		
8L3	DB-B06-07	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.12	N/A		
9L1	DB-B06-08	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.12	N/A		
9L2	DB-B06-09	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.13	N/A		
9L3	DB-B06-10	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.08	N/A		
10L1	DB-B06-11	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.13	N/A		
10L2	DB-B06-13	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.09	N/A		
10L3	DB-B06-19	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.1	N/A		
11L1	DB-B06-14	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.09	N/A		
11L2	DB-B06-15	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.11	N/A		
11L3	DB-B06-16	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.13	N/A		
12L1	DB-B06-17	G	E	1	35	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.13	N/A		
12L2	DB-B06-18	G	E	1	35	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.1	N/A		
12L3	DB-B06-12	G	E	1	35	SWA	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.1	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: PB-B06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: FLOOR 6 RISER B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (RISING BUSBAR FLOOR 6) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (250) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω I_{Δf} (4.34) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.53	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.84	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.28	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.37	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (QN/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12)Ω Z_{pf} (1.91)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.44	N/A	200+	200+	500	✓	0.56	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.7	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.38	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.48	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/02
 Location of DB: 6TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.57) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.59	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.46	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.28	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.38	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/03
 Location of DB: 6TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω Z_{pf} (1.37) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.2	N/A	200+	200+	500	✓	0.94	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.74	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.26	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.32	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/04 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15)Ω I_{Δf} (1.55) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.55	9	✓	
2	SMALL POWER	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.86	18	✓	
3	INDUCTION HOB	A	B		6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.38	N/A		
4	COMBI OVEN MICROWAVE	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.32	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/05 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13)Ω I_{Δf} (1.81)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.76	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.72	28	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.26	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.36	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/06
 Location of DB: 6TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (2.92) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.6	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.35	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.2	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.33	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/07
 Location of DB: 6TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.92) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896)
 Insulation resistance: Earth fault loop impedance:
 Earth electrode resistance: RCD:

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	0.72	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.78	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.28	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.35	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/08 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω $I_{\Delta f}$ (1.9) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity: (6111-754/090709/0896) ()

Insulation resistance: Earth fault loop impedance: () ()

Earth electrode resistance: RCD: () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.57	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.74	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.29	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.39	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B06/09 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.75) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.61	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.64	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.29	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.41	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B06/10 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (2.71) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.63	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.83	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.27	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.38	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B06/11
 Location of DB: 6TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.88) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.7	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.85	N/A	200+	200+	500	✓	0.86	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.18	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.48	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/12
 Location of DB: 6TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω I_{Δf} (2.01) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.51	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.83	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.26	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.34	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B06/13 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.98) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.52	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.56	28	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.21	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.28	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/14 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230)V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09)Ω I_{Δf} (2.92)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	0.99	18	✓	
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.58	8	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.21	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.33	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/15
 Location of DB: 6TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω $I_{\Delta f}$ (1.76) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.51	39	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.53	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.22	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.37	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/16 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13)Ω I_{Δf} (1.81)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.66	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.5	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.24	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.3	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/17 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13)Ω I_{Δf} (1.76)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: () Continuity: ()

(6111-754/090709/0896) ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.59	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.43	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.4	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.45	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/18
 Location of DB: 6TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω I_{Δf} (2.09) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.73	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.44	N/A	200+	200+	500	✓	0.47	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.23	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.45	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/19
 Location of DB: 6TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω I_{Δf} (2.1) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896)
 Insulation resistance: Earth fault loop impedance:
 Earth electrode resistance: RCD:

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	APARTMENT LIGHTING RHS	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.23	N/A	200+	200+	500	✓	3.22	29	✓	
2	APARTMENT LIGHTING LHS	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.32	N/A	200+	200+	500	✓	3.76	28	✓	
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.87	38	✓	
4	APARTMENT RADIAL RHS/LHS 1ST ROOMS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.25	N/A	200+	200+	500	✓	1.33	29	✓	
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.45	N/A	200+	200+	500	✓	1.48	29	✓	
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.34	N/A	200+	200+	500	✓	1.41	29	✓	
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.51	N/A	200+	200+	500	✓	1.53	29	✓	
8	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.46	N/A	200+	200+	500	✓	1.55	29	✓	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.68	0.68	1.13	0.31	N/A	200+	200+	500	✓	0.51	29	✓	
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.26	N/A		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.25	N/A		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.52	N/A		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.51	N/A		
14	DOOR ACCES	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.4	N/A		
15	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.35	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B06/20
Location of DB: 6TH FLOOR BLOCK B

TESTED BY

Name (capitals): GERAINT JOHN
Signature: *Geraint John*

Position: Qualifying Supervisor
Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.54) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
Insulation resistance: () Earth fault loop impedance: ()
Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.62	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.42	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.34	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.45	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B07/01
 Location of DB: 7TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.27) Ω I_{Δf} (1.37) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.65	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.61	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.35	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.5	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/02
 Location of DB: 7TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.24) Ω I_{Δf} (1.57) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 () ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.7	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.64	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.34	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.43	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/03
 Location of DB: 7TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_{Δf} (1.2) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.84	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.8	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.32	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.41	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/04 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.24)Ω I_{Δf} (1.18)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.62	9	✓	
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.94	N/A	200+	200+	500	✓	0.86	9	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	1.09	N/A	200+	200+	500	✓	1.18	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.13	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B07/05
 Location of DB: 7TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s () Ω I_{Δf} () kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.45	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.77	N/A	200+	200+	500	✓	0.8	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.26	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.34	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17)Ω Z_{pf} (2.02)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 () ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.73	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.63	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.28	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.36	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/07 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15)Ω I_{Δf} (1.60)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 () ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.71	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.55	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.34	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.49	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B07/08
 Location of DB: 7TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.61) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.62	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.71	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.27	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.36	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B07/09
 Location of DB: 7TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_{Δf} (1.48) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.5	N/A	200+	200+	500	✓	0.63	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.78	N/A	200+	200+	500	✓	0.69	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.31	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.37	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B07/10 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.86) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.59	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.79	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.26	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.38	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/11
 Location of DB: 7TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_{Δf} (1.18) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.5	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.27	28	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.21	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.41	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B07/12
 Location of DB: 7TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω I_{Δf} (1.19) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.48	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.67	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.22	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.37	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B07/13 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω I_{Δf} (1.22) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.54	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.61	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.25	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.35	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/14 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.2)Ω I_{Δf} (1.18)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.89	39	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.79	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.3	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/B07/15 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 (to be completed in every case) Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.05) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.57	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.42	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.17	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.3	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/16 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15)Ω Z_{pf} (1.86)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.57	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.92	N/A	200+	200+	500	✓	0.56	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.24	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.32	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/17
 Location of DB: 7TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.19) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.62	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.38	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.26	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.3	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/18 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_{pf} (1.85) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 () ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.51	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.39	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.17	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.35	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B07/19
 Location of DB: 7TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_{pf} (1.87) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	APARTMENT LIGHTING LEFT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.63	N/A	200+	200+	500	✓	2.38	40	✓	
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.4	N/A	200+	200+	500	✓	2.44	40	✓	
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.72	38	✓	
4	APARTMENT RADIAL RHS/LHS 1ST ROOMS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.23	N/A	200+	200+	500	✓	1.23	29	✓	
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.32	N/A	200+	200+	500	✓	1.29	29	✓	
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.4	N/A	200+	200+	500	✓	1.36	29	✓	
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.45	N/A	200+	200+	500	✓	1.52	29	✓	
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.55	N/A	200+	200+	500	✓	1.56	29	✓	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.64	0.64	1.05	0.66	N/A	200+	200+	500	✓	0.56	39	✓	
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.19	N/A		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.19	N/A		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.35	N/A		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.35	N/A		
14	DOOR ACCESS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	1.07	N/A	200+	200+	500	✓	1.14	N/A		
15	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.18	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B07/20 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_{pf} (2.38) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.71	39	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.86	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.37	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.47	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B08/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 8TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.82) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 () ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.84	39	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.8	N/A	200+	200+	500	✓	0.99	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.31	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.46	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B08/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 8TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω I_{Δf} (1.92) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.84	39	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.85	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.38	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.48	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B08/03
 Location of DB: 8TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_{pf} (1.81) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.84	39	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.63	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.28	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.42	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B08/04 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 8TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11)Ω I_{Δf} (1.85) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.67	19	✓	
2	SMALL POWER	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.90	19	✓	
3	INDUCTION HOB	A	B		6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.30	N/A		
4	COMBI OVEN MICROWAVE	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.41	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B08/05 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 8TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19)Ω I_{Δf} (1.2) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.71	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.65	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.37	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.29	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B08/06
 Location of DB: 8TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω I_{Δf} (1.83) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.72	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.66	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.33	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.43	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B08/07
 Location of DB: 8TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (1.85) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.76	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.41	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.3	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.41	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B08/08 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 8TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.93) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.69	38	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.32	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.28	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.36	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B08/09
 Location of DB: 8TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_{pf} (1.96) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896)
 Insulation resistance: Earth fault loop impedance:
 Earth electrode resistance: RCD:

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.59	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.56	28	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.21	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.31	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B08/10
 Location of DB: 8TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.6) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896)
 Insulation resistance: Earth fault loop impedance:
 Earth electrode resistance: RCD:

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.52	39	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.63	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.31	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.4	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B08/11
 Location of DB: 8TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.98) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.86	28	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.36	28	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.23	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.33	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B08/12
 Location of DB: 8TH FLOOR BLOCK B
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons											
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables		(I) other - state	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)				(Line) r ₁	(Neutral) r _n		(cpc) r ₂	(R ₁ +R ₂)	R ₂																							
		(s)	(kA)				(Ω)	(MΩ)		(MΩ)	(V)																								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.86	18	✓										
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.76	18	✓										
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.26	N/A											
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.34	N/A											
5	SPARE																																		
6	SPARE																																		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B08/13
 Location of DB: 8TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_n (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.86) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.65	39	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.77	N/A	200+	200+	500	✓	1.02	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.31	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.4	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B08/14 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 8TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12)Ω I_{Δf} (1.83) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.21	N/A	200+	200+	500	✓	0.82	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.84	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.25	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.35	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/B08/15
 Location of DB: 8TH FLOOR BLOCK B

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.61) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896) ()

Insulation resistance: Earth fault loop impedance:
 () ()

Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)									R_2
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.57	N/A	200+	200+	500	✓	0.7	39	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.44	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.39	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.42	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/B08/16 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 8TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12)Ω $I_{\Delta f}$ (1.86)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____

 Earth electrode resistance: _____ RCD: _____

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.56	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.7	28	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.26	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.32	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/B08/17 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 8TH FLOOR BLOCK B Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.85) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n	Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)		(ms)															
1L1	LIGHTING COMMUNAL	A	B	20	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.9	N/A	200+	200+	500	✓	0.79	38	✓	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.98	N/A	200+	200+	500	✓	2.07	38	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.03	N/A	200+	200+	500	✓	2.26	38	✓	
2L1	KITCHEN RING MAIN	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.72	0.73	0.54	0.36	N/A	200+	200+	500	✓	0.26	38	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.69	39	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	0.71	39	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.07	N/A	200+	200+	500	✓	0.25	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.33	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.34	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.16	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.45	28	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.16	N/A	200+	200+	500	✓	0.86	38	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.3	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.18	N/A		
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.61	28	✓	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.47	39	✓	
7L1	SPARE																									
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.38	N/A		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.39	N/A	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C01/01
 Location of DB: 1ST FLOOR BLOCK C

TESTED BY Name (capitals): GERAIN JOHN
 Position: Qualifying Supervisor
 Signature: [Signature]
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.04) Ω Z_f (2.64) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	2.73	N/A	200+	200+	500	✓	2.87	38	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.46	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.17	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.30	N/A	200+	200+	500	✓	0.44	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C01/02
 Location of DB: 1ST FLOOR BLOCK C

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): Z_s (0.14.....)Ω I_{Δf} (1.62.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2									
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.44	N/A	200+	200+	500	✓	1.55	28	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.65	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.17	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.20	N/A	200+	200+	500	✓	0.34	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C01/03 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 1ST FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A
 Associated RCD (if any) Type: (BS EN) No. of poles: (.....) $I_{\Delta n}$ (.....)mA Operating time: (.....)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.14.....)Ω $I_{\Delta n}$ (1.60.....)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2									
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.71	N/A	200+	200+	500	✓	1.89	38	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.59	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.23	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.42	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C01/04 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 1ST FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A
 Associated RCD (if any) Type: (BS EN) No. of poles: (.....) $I_{\Delta n}$ (.....)mA Operating time: (.....)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.18.....)Ω $I_{\Delta f}$ (1.31.....)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.32	N/A	200+	200+	500	✓	1.47	38	✓		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.86	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.19	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.30	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C01/05 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 1ST FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.15.....)Ω I_{Δf} (1.52.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING COMMUNAL	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.61	35	✓	
1L2	LIGHTING LHS	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.96	N/A	200+	200+	500	✓	2.02	35	✓	
1L3	LIGHTING RHS	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.89	N/A	200+	200+	500	✓	2.22	35	✓	
2L1	KITCHEN RING MAIN	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	2.19	N/A	N/A	N/A	1.04	N/A	200+	200+	500	✓	0.66	35	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.46	39	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.95	N/A	200+	200+	500	✓	0.95	34	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	6	4	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.16	N/A		
3L2	COMMUNAL KITCHEN HOB A	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.26	N/A		
3L3	STUDIO HOB B	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.24	N/A		
4L1	MICRO OVEN AND HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.53	23	✓	
4L2	SOCKETS ROOM E	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.42	N/A		
4L3	SOCKETS ROOM D	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.85	N/A	200+	200+	500	✓	0.86	26	✓	
5L1	SPARE																									
5L2	HOB ROOM C	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.20	N/A	200+	200+	500	✓	0.20	N/A		
5L3	STUDIO HOB D	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.18	N/A		
6L1	STUDIO C RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.89	N/A	200+	200+	500	✓	0.83	34	✓	
6L2	SPARE																									
6L3	STUDIO F RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.97	N/A	200+	200+	500	✓	0.69	35	✓	
7L1	STUDIO E HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.15	N/A		
7L2	ACCESS CONTROL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.54	N/A		
7L3	STUDIO F HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.29	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C01/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 1ST FLOOR BLOCK C Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_n (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.03.....)Ω I_{Δf} (19.9.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing:																													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state	Circuit description		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD		Circuit impedances (Ω)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD operating time	Test buttons					
Circuit number	Live (mm ²)	cpc (mm ²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)	RCD	AFDD																		
										(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																									
										Test buttons																													
8L1	STUDIO G RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.91	N/A	200+	200+	500	✓	0.64	35	✓														
8L2	SPARE																																						
8L3	SPARE																																						
9L1	STUDIO G HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.17	N/A															
9L2	SPARE																																						
9L3	SPARE																																						
10L1	SPARE																																						
10L2	SPARE																																						
10L3	SPARE																																						
11L1	SPARE																																						
11L2	SPARE																																						
11L3	SPARE																																						
12L1	SPARE																																						
12L2	SPARE																																						
12L3	SPARE																																						
13L1	SPARE																																						
13L2	SPARE																																						
13L3	SPARE																																						
14L1	SPARE																																						
14L2	SPARE																																						
14L3	SPARE																																						

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C01/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 1ST FLOOR BLOCK C Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.03.....)Ω Z_{pf} (19.9.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)				Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	DB/C02/06													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A		
8L2	DB/C02/06	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A		
8L3	DB/C02/06													N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: PB-C02
 Location of DB: FLOOR 2 BLOCK C RISER
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (400) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_{pf} (2.95) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.86	N/A	200+	200+	500	✓	1.60	36	✓	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.91	N/A	200+	200+	500	✓	1.75	35	✓	
1L3	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.38	N/A	200+	200+	500	✓	1.45	35	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.96	36	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.59	35	✓	
2L3	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.52	0.51	0.91	0.31	N/A	200+	200+	500	✓	0.38	26	✓	
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	1.27	N/A	200+	200+	500	✓	0.3	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	2.5	4.0	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.5	N/A		
3L3	KITCHEN HOB RADIAL	A	B	1	6.0	1.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.2	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	0.84	28	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.84	N/A		✓
4L3	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	30	2.19	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.37	N/A		✓
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.25	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.45	N/A		
5L3	SPARE																									
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.98	35	✓	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.76	35	✓	
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.15	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.36	N/A		
7L3	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.51	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/CO2/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 2ND FLOOR BLOCK C Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (400) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_n (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.10) Ω I_{Δn} (2.22) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity: (.....)

(6111-754/090709/0896) (.....)

Insulation resistance: Earth fault loop impedance: (.....)

Earth electrode resistance: RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD								
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Ring final circuits only (measured end to end)									All circuits (complete at least one column)							
											(Line) r ₁	(Neutral) r _n								(cpc) r ₂	(R ₁ +R ₂)	R ₂					
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.75	35	✓		
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.5	36	✓		
8L3	SPARE																										
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.29	N/A			
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.25	N/A			
9L3	SPARE																										
10L1	SPARE																										
10L2	SPARE																										
10L3	SPARE																										
11L1	SPARE																										
11L2	SPARE																										
11L3	SPARE																										
12L1	SPARE																										
12L2	SPARE																										
12L3	SPARE																										
13L1	SPARE																										
13L2	SPARE																										
13L3	SPARE																										
14L1	SPARE																										
14L2	SPARE																										
14L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C02/01 | **TESTED BY** Name (capitals): GERAINT JOHN | Position: Qualifying Supervisor

Location of DB: 2ND FLOOR BLOCK C | Signature: [Signature] | Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02.....) Nominal voltage: (400.....)V No. of phases: (1.....)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2.....) Rating: (125.....)A

Associated RCD (if any) Type: (BS EN.....) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.10.....)Ω I_{Δf} (2.22.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																									
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state																			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons										
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD									
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																	
15L1	SPARE																																		
15L2	SPARE																																		
15L3	SPARE																																		
16L1	SPARE																																		
16L2	SPARE																																		
16L3	SPARE																																		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C02/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 2ND FLOOR BLOCK C Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02.....) Nominal voltage: (400.....)V No. of phases: (1.....)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2.....) Rating: (125.....)A

Associated RCD (if any) Type: (BS EN.....) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.10.....)Ω Z_{pf} (2.22.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD		
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)									R_2	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.61	39	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.57	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.24	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.3	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C02/02
 Location of DB: 2ND FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C02) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω $I_{\Delta n}$ (2.42) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.52	N/A	200+	200+	500	✓	0.73	36	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.71	37	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.39	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.47	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C02/03
 Location of DB: 2ND FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.70) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.55	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.54	28	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.21	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C02/04
 Location of DB: 2ND FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C02) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (2.4) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.64	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.76	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.27	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.21	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C02/05
 Location of DB: 2ND FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_{pf} (1.52) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.26	N/A	200+	200+	500	✓	1.64	38	✓	
1L2	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.95	N/A	200+	200+	500	✓	0.73	38	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.28	N/A	200+	200+	500	✓	1.56	38	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.7	38	✓	
2L2	KITCHEN RING MAIN	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.69	0.66	0.79	0.29	N/A	200+	200+	500	✓	0.3	28	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.76	39	✓	
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.3	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.10	N/A	200+	200+	500	✓	0.11	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.37	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.42	39	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.17	N/A		✓
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.64	38	✓	
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.38	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.34	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.43	39	✓	
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.87	N/A	200+	200+	500	✓	0.72	39	✓	
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.43	N/A		
7L2	SPARE																									
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.38	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C02/06
 Location of DB: 2ND FLOOR BLOCK C

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω Z_f (1.09) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: () Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	0.9	39	✓	
8L2	SPARE																									
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	0.91	28	✓	
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.42	N/A		
9L2	SPARE																									
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.47	N/A		
10L1	SPARE																									
10L2	SPARE																									
10L3	SPARE																									✓
11L1	SPARE																									
11L2	SPARE																									
11L3	SPARE																									
12L1	SPARE																									
12L2	SPARE																									
12L3	SPARE																									
13L1	SPARE																									
13L2	SPARE																									
13L3	SPARE																									
14L1	SPARE																									
14L2	SPARE																									
14L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C02/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 2ND FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_{Δf} (1.09) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity:

Insulation resistance: Earth fault loop impedance:

Earth electrode resistance: RCD:

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	1.06	35	✓	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.01	N/A	200+	200+	500	✓	2.22	36	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.93	N/A	200+	200+	500	✓	2.20	37	✓	
2L1	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.54	0.54	0.91	0.39	N/A	200+	200+	500	✓	0.48	27	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.75	18	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.71	19	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.22	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.48	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.45	N/A		
4L1	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.41	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.87	N/A	200+	200+	500	✓	0.91	28	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	60898 MCB	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.67	28	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.42	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.44	N/A		
6L1	SPARE																									✓
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.81	N/A	200+	200+	500	✓	0.8	27	✓	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.68	29	✓	
7L1	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.51	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.38	N/A		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.42	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C03/01
 Location of DB: 3RD FLOOR BLOCK C

TESTED BY Name (capitals): GERAIN JOHN
 Position: Qualifying Supervisor
 Signature: [Signature]
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_{Δf} (1.09) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity:
 () ()

Insulation resistance: Earth fault loop impedance:
 () ()

Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.82	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.78	N/A	200+	200+	500	✓	0.85	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.2	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.41	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C03/02 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{\Delta n}$ (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11)Ω $I_{\Delta f}$ (2.11)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: () Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.94	N/A	200+	200+	500	✓	0.48	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.85	N/A	200+	200+	500	✓	0.77	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.19	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.28	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C03/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.92) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.52	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.43	29	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.07	N/A	200+	200+	500	✓	0.29	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.38	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/C03/04 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.19) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.6	29	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.32	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.23	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.26	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C03/05
 Location of DB: 3RD FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.17) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTYING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		Operating current, I _{Δn} (mA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)	RCD
		Maximum permitted Z _s for installed protective device*	(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																			
1L1	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.84	N/A	200+	200+	500	✓	2.03	38	✓	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.99	N/A	200+	200+	500	✓	1.65	38	✓	
1L3	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.79	N/A	200+	200+	500	✓	0.84	38	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.72	39	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.68	38	✓	
2L3	KITCHEN RING MAIN	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.64	0.67	1.06	0.45	N/A	200+	200+	500	✓	0.5	39	✓	
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.33	39	✓	
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.32	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.44	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.88	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.75	38	✓	
4L3	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.29	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.39	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.32	N/A		
5L3	SPARE																									
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.83	29	✓	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.89	N/A	200+	200+	500	✓	0.81	29	✓	
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.44	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.38	N/A		
7L3	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C03/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 3RD FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PBN-C04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.55) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTYING																	
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	0.96	29	✓		
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.95	N/A	200+	200+	500	✓	0.89	38	✓		
8L3	SPARE																										
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.45	N/A			
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.5	N/A	200+	200+	500	✓	0.5	N/A			
9L3	SPARE																										
10L1	SPARE																										
10L2	SPARE																										
10L3	SPARE																										✓
11L1	SPARE																										
11L2	SPARE																										
11L3	SPARE																										
12L1	SPARE																										
12L2	SPARE																										
12L3	SPARE																										✓
13L1	SPARE																										
13L2	SPARE																										
13L3	SPARE																										
14L1	SPARE																										
14L2	SPARE																										
14L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C03/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 3RD FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PBN-C04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.55) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity: (6111-754/090709/0896)

Insulation resistance: Earth fault loop impedance: (.....)

Earth electrode resistance: RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1L1	LIGHTING 6TH & 7TH FLOOR COMMUNAL	A	B	34	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.13	N/A	200+	200+	500	✓	1.25	N/A			
1L2	LIGHTING STAIRCASE GROUND TO 3	A	B	33	2.5	1.5	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.16	N/A	200+	200+	500	✓	1.21	N/A			
1L3	LIGHTING GROUND, 1ST & 2ND FLOORS	A	B	38	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.37	N/A			
2L1	PUMP SUPPLY	A	B	1	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.37	N/A			
2L2	LIGHTING STAIRCASE 4TH & 7TH FLOORS	A	B	20	2.5	1.5	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.49	N/A			
2L3	LIGHTING 3RD 4TH AND 5TH FLOOR COMMUNAL	A	B	48	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.36	N/A	200+	200+	500	✓	1.26	N/A			
3L1	SPARE																											
3L2	SPARE																											
3L3	SPARE																											
4L1	SPARE																											
4L2	SPARE																											
4L3	SPARE																											
5L1	SPARE																											
5L2	SPARE																											
5L3	CLEANERS SOCKETS GROUND	A	B	8	2.5	1.5	0.4	61009	RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.47	38		✓	
6L1	AOV SPURS LEVEL 4 TO 7	A	B	6	2.5	1.5	0.4	60898	MCB	B	20	10		2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.46				
6L2	AOV SPURS LEVEL 2 TO 3	A	B	2	2.5	1.5	0.4	60898	MCB	B	20	10		2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.27				
6L3	CLEANERS SOCKETS LEVEL 4 TO 7	A	B	8	2.5	1.5	0.4	61009	RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.78	28		✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C03/LL TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (100) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.29) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																	
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
7L1	DATA CAB SPUR	A	B	1	2.5	1.5	0.4	60898	MCB	B	20	10	2.19	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.14				
7L2	FIRE ALARM SPUR	A	B	1	2.5	1.5	0.4	60898	MCB	B	20	10	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.38				
7L3	SPARE																										
8L1	SIGN SUPPLY TO CONTACTOR	A	B	2	2.5	1.5	0.4	60898		B	20	10	2.19	N/A	N/A	N/A	0.55	N/A	200+	200+	500	✓	0.57	N/A			

DISTRIBUTION BOARD (DB) DETAILS
(to be completed in every case)

DB designation: DB/C03/LL **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (400)V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (100)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12)Ω I_{Δf} (1.29)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 Earth electrode resistance: _____ RCD: _____

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state	RCD													
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING RHS	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.91	N/A	200+	200+	500	✓	2.05	35	✓	
1L2	LIGHTING COMMUNAL AREA	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.86	N/A	200+	200+	500	✓	0.8	35	✓	
1L3	LIGHTING LHS	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.97	N/A	200+	200+	500	✓	2.15	36	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.03	N/A	200+	200+	500	✓	0.94	35	✓	
2L2	KITCHEN RING MAIN	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.55	0.55	0.44	0.37	N/A	200+	200+	500	✓	0.37	35	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.00	N/A	200+	200+	500	✓	0.88	35	✓	
3L1	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.47	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B		6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.15	N/A		
3L3	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.44	N/A	200+	200+	500	✓	0.51	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.91	N/A	200+	200+	500	✓	0.87	36	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.27	N/A	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.89	N/A	200+	200+	500	✓	0.86	35	✓	
5L1	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.43	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.48	N/A	200+	200+	500	✓	0.46	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.81	N/A	200+	200+	500	✓	0.81	26	✓	
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.89	N/A	200+	200+	500	✓	0.8	35	✓	
7L1	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.36	N/A	✓	
7L2	DOOR ACCESS	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.52	N/A		
7L3	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.46	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-C04/01 Location of DB: 4TH FLOOR BLOCK C

TESTED BY: Name (Capital): GERANT JOHN Signature: Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_n () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_f (2.29) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing:																	
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state	Circuit conductor csa		Protective device				RCD		Circuit impedances (Ω)			Insulation resistance			RCD operating time (ms)	Test buttons	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD		AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
8L1	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.73	N/A	200+	200+	500	✓	0.62	35	✓		
8L2	SPARE																										
8L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.68	35	✓		
9L1	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.3	N/A			
9L2	SPARE																										
9L3	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.31	N/A			
10L1	SPARE																										
10L2	SPARE																										
10L3	SPARE																										
11L1	SPARE																										
11L2	SPARE																										
11L3	SPARE																										
12L1	SPARE																										
12L2	SPARE																										
12L3	SPARE																									✓	
13L1	SPARE																										
13L2	SPARE																										
13L3	SPARE																										
14L1	SPARE																										
14L2	SPARE																										
14L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C04/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 4TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04.....) Nominal voltage: (400.....)V No. of phases: (3.....)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2.....) Rating: (125.....)A

Associated RCD (if any) Type: (BS EN.....) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.1.....)Ω I_{Δf} (2.29.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
		(A)	(B)				Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
							(r ₁)	(r _n)		(r ₂)	(R ₁ +R ₂)	R ₂																
							(Ω)	(Ω)		(Ω)	(Ω)	(Ω)				(V)	(Ω)	(ms)										
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.5	N/A	200+	200+	500	✓	0.57	38	✓			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.6	38	✓			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.28	N/A				
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.15	N/A				
5	SPARE																											
6	SPARE																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C04/02 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.97) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: () Continuity: ()
 (6111-754/090709/0896) ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.51	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.72	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.13	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.28	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C04/03
 Location of DB: 4TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.69) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.45	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.81	N/A	200+	200+	500	✓	0.75	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.07	N/A	200+	200+	500	✓	0.11	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.23	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C04/04
 Location of DB: 4TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω $I_{\Delta n}$ (1.93) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.61	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.81	N/A	200+	200+	500	✓	0.76	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.19	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.23	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C04/05
 Location of DB: 4TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.2) Ω I_{Δf} (1.13) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state N/A

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.12	N/A	200+	200+	500	✓	1.21	38	✓	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.83	N/A	200+	200+	500	✓	1.91	38	✓	
1L3	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.85	N/A	200+	200+	500	✓	1.89	38	✓	
2L1	KITCHEN RING MAIN	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.67	0.67	1.09	0.43	N/A	200+	200+	500	✓	0.44	38	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.77	N/A	200+	200+	500	✓	0.74	38	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.78	N/A	200+	200+	500	✓	0.74	28	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.16	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.28	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.29	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.27	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.58	N/A	200+	200+	500	✓	0.55	38	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.72	28	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.34	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.31	N/A		
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.71	38	✓	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.83	N/A	200+	200+	500	✓	0.84	28	✓	
7L1	SPARE																									
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.38	N/A		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.34	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/C04/06 TESTED BY Name (capitals): GERAIN JOHN Position: Qualifying Supervisor Location of DB: 4TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω Z_f (2.39) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)		Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)	(ms)																
1L1	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.97	N/A	200+	200+	500	✓	2.19	46	✓	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.13	N/A	200+	200+	500	✓	2.18	35	✓	
1L3	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.63	N/A	200+	200+	500	✓	1.68	35	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.15	N/A	200+	200+	500	✓	1.02	28	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.08	N/A	200+	200+	500	✓	0.91	35	✓	
2L3	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.61	0.61	0.29	0.65	N/A	200+	200+	500	✓	0.65	27	✓	
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.56	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.48	N/A		
3L3	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.25	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.95	N/A	200+	200+	500	✓	0.85	28	✓	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	0.71	36	✓	
4L3	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.43	N/A		
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.30	N/A	200+	200+	500	✓	0.24	N/A		
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.27	N/A		
5L3	SPARE																									
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.59	28	✓	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.68	35	✓	
6L3	SPARE																									
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.40	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.39	N/A		
7L3	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	1.21	N/A	200+	200+	500	✓	0.53	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C05/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 5TH FLOOR BLOCK C Signature: [Signature] Date: 10/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.9) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.80	28	✓		
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.68	35			
8L3	SPARE																										
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.35	N/A			
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.29	N/A			
9L3	SPARE																										
10L1	SPARE																										
10L2	SPARE																										
10L3	SPARE																										
11L1	SPARE																										
11L2	SPARE																										
11L3	SPARE																										
12L1	SPARE																										
12L2	SPARE																										
12L3	SPARE																										
13L1	SPARE																										
13L2	SPARE																										
13L3	SPARE																										
14L1	SPARE																										
14L2	SPARE																										
14L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C05/01
 Location of DB: 5TH FLOOR BLOCK C

TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 10/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.9) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.76	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.65	19	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.21	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.33	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C05/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 5TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.43) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD		
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.74	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.45	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.31	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.35	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C05/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 5TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω $I_{\Delta n}$ (1.40) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity: (6111-754/090709/0896) ()

Insulation resistance: Earth fault loop impedance: () ()

Earth electrode resistance: RCD: () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.58	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.57	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.19	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.29	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C05/04
 Location of DB: 5TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.40) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing: LIGHTING																
(A) Thermoplastic insulated / sheathed cables			(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit			(D) Thermoplastic cables in metallic trunking			(E) Thermoplastic cables in non-metallic trunking			(F) Thermoplastic / SWA cables			(G) Thermosetting / SWA cables			(H) Mineral-insulated cables			(O) other - state N/A		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.59	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.81	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.24	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.27	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C05/05 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 5TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17)Ω I_{Δf} (1.37)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.93	N/A	200+	200+	500	✓	2.18	38	✓	
1L2	LIGHTING COMMUNAL AREA	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.72	N/A	200+	200+	500	✓	1.42	38	✓	
1L3	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.83	N/A	200+	200+	500	✓	2.41	29	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.48	39	✓	
2L2	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	0.6	0.6	1.29	0.5	N/A	200+	200+	500	✓	0.51	29	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.43	29	✓	
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.28	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.19	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.35	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.6	39	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	30	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.28	N/A		✓
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	N/A	N/A	N/A	0.84	N/A	200+	200+	500	✓	0.84	29	✓	
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.28	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.35	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.67	29	✓	
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.98	N/A	200+	200+	500	✓	0.87	29	✓	
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.36	N/A		
7L2	SPARE																									
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.42	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C05/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 5TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_n (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.93) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity: (.....)

(6111-754/090709/0896) (.....)

Insulation resistance: Earth fault loop impedance: (.....)

Earth electrode resistance: RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing:																			
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state	Circuit conductor csa		Protective device				RCD		Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD				
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂											
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.81	N/A	200+	200+	500	✓	0.73	39	✓				
8L2	SPARE																												
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.97	N/A	200+	200+	500	✓	0.92	29	✓				
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.4	N/A					
9L2	SPARE																												
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.44	N/A					
10L1	SPARE																												
10L2	SPARE																												
10L3	SPARE																												
11L1	SPARE																												
11L2	SPARE																												
11L3	SPARE																												
12L1	SPARE																												
12L2	SPARE																												
12L3	SPARE																												
13L1	SPARE																												
13L2	SPARE																												
13L3	SPARE																												
14L1	SPARE																												
14L2	SPARE																												
14L3	SPARE																												

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C05/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 5TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_{pf} (1.93) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing: LIGHTING																
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	DB/C07/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.18	N/A		
8L2	DB/C07/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.2	N/A		
8L3	DB/C07/06	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.19	N/A		
9L1																	0.01	200+	200+	500	✓	0.07				
9L2	DB/C06/07	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.07	N/A		
9L3																	0.01	200+	200+	500	✓	0.07				
10L1																	0.01	200+	200+	500	✓	0.12				
10L2	DB/C07/07	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.12	N/A		
10L3																	0.01	200+	200+	500	✓	0.12				

DISTRIBUTION BOARD (DB) DETAILS
(to be completed in every case)

DB designation: PB-C06
 Location of DB: FLOOR 6 BLOCK C RISER
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (250) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (2.91) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.03	N/A	200+	200+	500	✓	0.61	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.47	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.35	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.37	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C06/01 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 6TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω $I_{\Delta f}$ (1.67) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD		
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)									R_2	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.21	N/A	200+	200+	500	✓	0.89	39	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.97	N/A	200+	200+	500	✓	0.59	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.19	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.53	N/A	200+	200+	500	✓	0.28	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C06/02
 Location of DB: 6TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω $I_{\Delta f}$ (2.17) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.6	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.82	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.37	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.39	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C06/03 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 6TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.61) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.81	N/A	200+	200+	500	✓	0.85	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.86	38	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.36	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.32	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C06/04
 Location of DB: 6TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.60) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.26	N/A	200+	200+	500	✓	0.86	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.82	N/A	200+	200+	500	✓	0.91	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.42	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.36	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C06/05
 Location of DB: 6TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_n () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_{af} (1.53) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	1.01	39	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.79	29	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.10	N/A	200+	200+	500	✓	0.4	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.39	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C06/06
 Location of DB: 6TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω I_{Δf} (1.2) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																				
1L1	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.63	N/A	200+	200+	500	✓	1.05	35	✓	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.05	N/A	200+	200+	500	✓	1.78	35	✓	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.35	N/A	200+	200+	500	✓	1.75	35	✓	
2L1	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.64	0.65	0.47	0.43	N/A	200+	200+	500	✓	0.49	35	✓	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.97	N/A	200+	200+	500	✓	0.76	35	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.93	N/A	200+	200+	500	✓	0.54	35	✓	
3L1	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.45	N/A		
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.38	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.45	N/A		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.42	N/A		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.67	N/A	200+	200+	500	✓	0.82	45	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.62	N/A	200+	200+	500	✓	0.53	35	✓	
5L1	SPARE																									
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.25	N/A		
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.45	N/A		
6L1	SPARE																									
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.84	N/A	200+	200+	500	✓	0.74	36	✓	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.87	N/A	200+	200+	500	✓	0.78	36	✓	
7L1	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A		N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.42	N/A		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.19	N/A		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.32	N/A	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C06/07 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 6TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06.....) Nominal voltage: (400.....)V No. of phases: (3.....)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2.....) Rating: (125.....)A

Associated RCD (if any) Type: (BS EN.....) No. of poles: (.....) I_n (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.07.....)Ω Z_{df} (3.3.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																									
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state																			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons										
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD									
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																	
15L1	SPARE																																		
15L2	SPARE																																		
15L3	SPARE																																		
16L1	SPARE																																		
16L2	SPARE																																		
16L3	SPARE																																		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C06/07
 Location of DB: 6TH FLOOR BLOCK C

TESTED BY Name (capitals): GERAIN JOHN
 Signature: *GERAIN JOHN*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω Z_{pf} (3.3) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)									R_2
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.36	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.55	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.26	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.36	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C07/01
 Location of DB: 7TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *G. Geraint*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω $I_{\Delta f}$ (8.83) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.64	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.73	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.19	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.22	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C07/02
 Location of DB: 7TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB=C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.87) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	1.19	N/A	200+	200+	500	✓	0.75	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.64	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.18	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.17	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C07/03
 Location of DB: 7TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.47) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.61	N/A	200+	200+	500	✓	0.57	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.69	38	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.15	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.91	N/A	200+	200+	500	✓	0.26	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C07/04 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 7TH FLOOR BLOCK C Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω $I_{\Delta f}$ (1.31) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.64	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.74	39	✓		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.22	N/A			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.26	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C07/05
 Location of DB: 7TH FLOOR BLOCK C

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.79) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.76	N/A	200+	200+	500	✓	1.59	39	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.9	N/A	200+	200+	500	✓	0.59	39	✓	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.23	N/A		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.31	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/C07/06
 Location of DB: 7TH FLOOR BLOCK C
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω $I_{\Delta f}$ (1.21) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A														
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Maximum permitted Zs for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD operating time	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Operating current, I _{Δn} (mA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(Ω)	(Ω)	(Ω)	(V)	(ms)															
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.4	N/A	200+	200+	500	✓	2.69	35	✓	
1L2	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.95	35	✓	
1L3	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.48	N/A	200+	200+	500	✓	2.94	36	✓	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.03	N/A	200+	200+	500	✓	1.03	35	✓	
2L2	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.67	0.66	0.44	0.32	N/A	200+	200+	500	✓	0.52	35	✓	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.89	N/A	200+	200+	500	✓	0.78	36	✓	
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.67	N/A		
3L2	COMMUNAL KITCHEN HOB	A	B	1	2.5	1.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.07	N/A	200+	200+	500	✓	0.49	N/A		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.67	N/A		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.99	N/A	200+	200+	500	✓	0.99	36	✓	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.4	N/A	✓	
4L3	STUDIO RADIAL CIRCUIT	A	B	12	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.77	N/A	200+	200+	500	✓	0.65	36	✓	
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.7	N/A		
5L2	SPARE																									
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.72	N/A		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.92	N/A	200+	200+	500	✓	0.9	35	✓	
6L2	SPARE																									
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.85	35	✓	
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.62	N/A		
7L2	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.42	N/A		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.56	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C07/07
 Location of DB: 7TH FLOOR BLOCK C

TESTED BY Name (capitals): GERAIN JOHN
 Position: Qualifying Supervisor
 Signature: [Signature]
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.25) Ω Z_{df} (9.14) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)			Insulation resistance			RCD operating time (ms)	Test buttons						
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)							Live / Earth (MΩ)	Test voltage DC (V)								
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	200+	200+	500	✓	0.88	35	✓		
8L2	SPARE																										
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.65	N/A	200+	200+	500	✓	0.7	35	✓		
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.11	N/A	200+	200+	500	✓	0.41	N/A			
9L2	SPARE																										
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.48	N/A			
10L1	SPARE																										
10L2	SPARE																										
10L3	SPARE																										
11L1	SPARE																										
11L2	SPARE																										
11L3	SPARE																										
12L1	SPARE																										
12L2	SPARE																										
12L3	SPARE																										
13L1	SPARE																										
13L2	SPARE																										
13L3	SPARE																										
14L1	SPARE																										
14L2	SPARE																										
14L3	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/C07/07 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 7TH FLOOR BLOCK C Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06)) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2)) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A)) No. of poles: (N/A)) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes)) Phase sequence confirmed (where appropriate): Z_s (0.25) Ω I_{Δf} (9.14) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896)) Continuity: (.....)

Insulation resistance: (.....)) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....)) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.87	N/A	200+	200+	500	✓	3.81	38	✓	
2	APARTMENT LIGHTING RIGHT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.89	N/A	200+	200+	500	✓	3.94	38	✓	
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.78	N/A	200+	200+	500	✓	1.11	38	✓	
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.44	N/A	200+	200+	500	✓	1.44	39	✓	
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.35	N/A	200+	200+	500	✓	1.35	28	✓	
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.39	N/A	200+	200+	500	✓	0.84	39	✓	
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.27	N/A	200+	200+	500	✓	1.37	39	✓	
8	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.60	39	✓	
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.35	N/A		
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.61	N/A		
11	COMMUNAL OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.60	N/A	200+	200+	500	✓	0.49	N/A		
12	COMMUNAL OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.29	N/A		
13	SPARE																				✓					
14	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.41	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D01/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 1ST FLOOR BLOCK C Signature: [Signature] Date: 10/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230)V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11)Ω Z_{df} (2.02)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.81	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.77	N/A	200+	200+	500	✓	0.54	28	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.24	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.34	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D01/02 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 1ST FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ ()mA Operating time: ()ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11)Ω $I_{\Delta f}$ (2.1)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.83	N/A	200+	200+	500	✓	1.42	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.64	N/A	200+	200+	500	✓	0.67	29	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.35	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.43	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D01/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 1ST FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω $I_{\Delta f}$ (2.51) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.56	N/A	200+	200+	500	✓	0.72	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	200+	200+	500	✓	0.95	39	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.24	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.25	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D01/04 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 1ST FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.25) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.62	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.72	N/A	200+	200+	500	✓	0.65	39	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.25	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.25	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D01/05
 Location of DB: 1ST FLOOR BLOCK D

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.9) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)									R_2
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.49	N/A	200+	200+	500	✓	0.51	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.9	39	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.43	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.24	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/D01/06
 Location of DB: 1ST FLOOR BLOCK D
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω $I_{\Delta n}$ (1.95) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	APARTMENT LIGHTING RHS	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.17	N/A	200+	200+	500	✓	2.9	38	✓	
2	APARTMENT LIGHTING LHS	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.53	N/A	200+	200+	500	✓	2.69	38	✓	
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.16	N/A	200+	200+	500	✓	1.00	38	✓	
4	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.37	N/A	200+	200+	500	✓	1.31	39	✓	
5	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.43	N/A	200+	200+	500	✓	1.43	39	✓	
6	APARTMENT RADIAL CIRCUIT LHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.50	N/A	200+	200+	500	✓	0.89	28	✓	
7	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.48	N/A	200+	200+	500	✓	1.47	39	✓	
8	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.63	N/A	200+	200+	500	✓	1.73	29	✓	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.47	0.48	0.34	0.48	N/A	200+	200+	500	✓	0.50	39	✓	
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.48	N/A		
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.56	N/A		
12	COMBI OVEN/MICROWAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.53	N/A		
13	COMBI OVEN/MICROWAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.69	N/A		
14	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.56	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D01/07 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 1ST FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω Z_{pf} (1.18) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	DB/D01/01	G	E	1	35	Arm	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.21	N/A		
1L2	DB/D01/02	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.2	N/A		
1L3	DB/D01/03	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.02	N/A	200+	200+	500	✓	0.22	N/A		
2L1	DB/D01/04	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.23	N/A		
2L2	DB/D01/05	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.22	N/A		
2L3	DB/D01/07	G	E	1	35	Arm	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.13	N/A		
3L1	DB/D01/06	G	E	1	16	Arm	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.14	N/A		
3L2	DB/D02/01	G	E	1	35	Arm	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.1	N/A		
3L3	DB/D02/02	G	E	1	16	Arm	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.11	N/A		
4L1	DB/D02/03	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.16	N/A		
4L2	DB/D02/04	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.19	N/A		
4L3	DB/D02/06	G	E	1	35	Arm	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.21	N/A		
5L1	DB/D02/05	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.22	N/A		
5L2	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-D02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: LEVEL 2 BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400)V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (200)A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17)Ω Z_{df} (1.36)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)				Insulation resistance			RCD operating time	Test buttons							
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)	RCD	AFDD		
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																						
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.93	N/A	200+	200+	500	✓	2.1	38	✓			
2	APARTMENT LIGHTING RIGHT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.08	N/A	200+	200+	500	✓	1.75	38	✓			
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.3	N/A	200+	200+	500	✓	1.36	38	✓			
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.35	N/A	200+	200+	500	✓	1.33	38	✓			
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.96	N/A	200+	200+	500	✓	0.7	38	✓			
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.13	N/A	200+	200+	500	✓	1.13	29	✓			
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.28	N/A	200+	200+	500	✓	1.2	28	✓			
8	KITCHEN RING MAIN	A	B	18	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	0.6	0.61	1.00	0.38	N/A	200+	200+	500	✓	0.6	38	✓			
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.31	N/A				
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.27	N/A				
11	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.3	N/A	200+	200+	500	✓	0.4	N/A				
12	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.26	N/A	200+	200+	500	✓	0.34	N/A				
13	SPARE																									✓		
14	SPARE																										✓	
15	SPARE																											
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.48	N/A				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/D02/01
 Location of DB: 2ND FLOOR BLOCK D
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_{Δf} (1.07) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			RCD operating time	Test buttons				
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.51	39	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.29	N/A	200+	200+	500	✓	0.49	29	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.14	N/A	200+	200+	500	✓	0.16	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.23	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D02/02 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 2ND FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω I_{Δf} (3.0) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity: ()

(6111-754/090709/0896) ()

Insulation resistance: Earth fault loop impedance: ()

() ()

Earth electrode resistance: RCD: ()

() ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.89	N/A	200+	200+	500	✓	0.85	29	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.48	29	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.33	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.38	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D02/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 2ND FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_{Δf} (1.52) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2) R_2									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.50	N/A	200+	200+	500	✓	0.63	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.87	N/A	200+	200+	500	✓	0.8	39	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.18	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.3	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D02/04 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 2ND FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02.....) Nominal voltage: (230.....)V No. of phases: (1.....)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2.....) Rating: (80.....)A

Associated RCD (if any) Type: (BS EN.....) No. of poles: (.....) $I_{\Delta n}$ (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.07.....)Ω $I_{\Delta f}$ (3.26.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.43	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.68	39	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.24	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.31	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/D02/05
 Location of DB: 2ND FLOOR BLOCK D
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.02) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(I) other - state N/A	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)					
1	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.46	N/A	200+	200+	500	✓	2.28	38	✓	
2	APARTMENT LIGHTING LHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.34	N/A	200+	200+	500	✓	2.84	39	✓	
3	LIGHTING COMMUNAL AREAS	A	B	23	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.69	N/A	200+	200+	500	✓	1.02	39	✓	
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.12	N/A	200+	200+	500	✓	0.81	38	✓	
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.30	N/A	200+	200+	500	✓	1.11	38	✓	
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.39	N/A	200+	200+	500	✓	1.29	38	✓	
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.96	N/A	200+	200+	500	✓	0.97	39	✓	
8	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.34	N/A	200+	200+	500	✓	1.10	39	✓	
9	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.37	N/A	200+	200+	500	✓	1.02	39	✓	
10	KITCHEN RING MAIN	A	B	18	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.45	39	✓	
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.28	N/A		
12	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.31	N/A		
13	COMBI OVEN/MICRO WAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.23	N/A		
14	COMBI OVEN/MICRO WAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.24	N/A		
15	SPARE																									
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.39	N/A		
17	SPARE																									
18	SPARE																									
19	SPARE																									
20	SPARE																									
21	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D02/06
 Location of DB: 2ND FLOOR BLOCK D

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_{pf} (2.42) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons								
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state N/A	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Ring final circuits only (measured end to end)				All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
																					Live (mm ²)	cpc (mm ²)	(Line) r ₁		(Neutral) r _n	(cpc) r ₂							
		Live (mm ²)	cpc (mm ²)				(Line) r ₁	(Neutral) r _n		(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)			(MΩ)	(V)	(Ω)	(ms)														
1	APARTMENT LIGHTING LEFT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.46	N/A	200+	200+	500	✓	1.80	38	✓								
2	APARTMENT LIGHTING RIGHT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.44	N/A	200+	200+	500	✓	1.85	38	✓								
3	LIGHTING COMMUNAL AREAS	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.74	N/A	200+	200+	500	✓	0.93	39	✓								
4	APARTMENT RADIAL LHS	A	B	26	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.10	N/A	200+	200+	500	✓	0.99	39	✓								
5	APARTMENT RADIAL LHS	A	B	26	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.31	N/A	200+	200+	500	✓	1.22	29	✓								
6	APARTMENT RADIAL RHS	A	B	26	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.39	N/A	200+	200+	500	✓	0.75	39	✓								
7	APARTMENT RADIAL RHS	A	B	26	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.32	N/A	200+	200+	500	✓	0.96	38	✓								
8	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	0.58	0.6	0.86	0.39	N/A	200+	200+	500	✓	0.53	39	✓								
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.36	N/A									
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.37	N/A									
11	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.28	N/A									
12	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.3	N/A									
13	SPARE													N/A	N/A	N/A		N/A	200+	200+	500	✓			✓								
14	SPARE													N/A	N/A	N/A		N/A	200+	200+	500	✓			✓								
15	SPARE																																
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.43	N/A									
17	SPARE																																
18	SPARE																																
19	SPARE																																
20	SPARE																																
21	SPARE																																

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D03/01
 Location of DB: 3RD FLOOR BLOCK D

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.10) Ω Z_{pf} (2.33) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)									R_2
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.92	N/A	200+	200+	500	✓	0.71	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.63	N/A	200+	200+	500	✓	0.56	28	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.28	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.39	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D03/02 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω $I_{\Delta f}$ (1.84) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: () Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			RCD operating time	Test buttons					
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.96	N/A	200+	200+	500	✓	0.89	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.63	38	✓		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.16	N/A			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.39	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D03/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 3RD FLOOR BLOCK D Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A

Associated RCD (if any) Type: (BS EN _____) No. of poles: (_____) I_n (_____)mA Operating time: (_____)ms

Characteristics at this DB Confirmation of supply polarity: (Yes ___) Phase sequence confirmed (where appropriate): Z_s (0.13 ___)Ω I_{Δf} (1.73 ___)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
 (6111-754/090709/0896) _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 (_____) _____
 Earth electrode resistance: _____ RCD: _____
 (_____) _____

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables			(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit			(D) Thermoplastic cables in metallic trunking			(E) Thermoplastic cables in non-metallic trunking			(F) Thermoplastic / SWA cables			(G) Thermosetting / SWA cables			(H) Mineral-insulated cables			(O) other - state		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.41	N/A	200+	200+	500	✓	0.63	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.59	38	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.33	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.34	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/D03/04 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK D Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_{pf} (1.94) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: Continuity:
 () ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(I) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.47	28	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.82	38	✓		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.39	N/A			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.19	N/A	200+	200+	500	✓	0.34	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D03/05
 Location of DB: 3RD FLOOR BLOCK D

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.79) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(I) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
		(s)	(kA)				(Ω)	(MΩ)		(MΩ)	(V)																		
1	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.48	N/A	200+	200+	500	✓	2.47	38	✓				
2	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.32	N/A	200+	200+	500	✓	2.16	38	✓				
3	LIGHTING COMMUNAL AREAS	A	B	23	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.24	N/A	200+	200+	500	✓	1.17	28	✓				
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.01	N/A	200+	200+	500	✓	0.96	28	✓				
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.08	N/A	200+	200+	500	✓	1.13	38	✓				
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.46	N/A	200+	200+	500	✓	1.04	39	✓				
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.88	N/A	200+	200+	500	✓	0.85	39	✓				
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.99	N/A	200+	200+	500	✓	0.95	38	✓				
9	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.12	N/A	200+	200+	500	✓	0.52	38	✓				
10	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.22	38	✓				
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.19	N/A					
12	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.31	N/A					
13	COMBI OVEN/MICROWAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.37	N/A	200+	200+	500	✓	0.24	N/A					
14	COMBI OVEN/MICROWAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.4	N/A	200+	200+	500	✓	0.24	N/A					
15	SPARE																												
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.39	N/A					
17	SPARE																												
18	SPARE																												
19	SPARE																												
20	SPARE																												
21	SPARE																												

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D03/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 3RD FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω I_{Δf} (2.23) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																									
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state																			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons										
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD									
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																	
22	SPARE																																		
23	SPARE																																		
24	SPARE																																		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/D03/06
 Location of DB: 3RD FLOOR BLOCK D
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.1) Ω I_{Δf} (2.23) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1L1	LIGHTING STAIRCASE GROUND TO 2ND FLOOR	A	B	17	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	3.4	N/A	200+	200+	500	✓	2.56	N/A			
1L2	LIGHTING 3RD AND 4TH CORRIDOR	A	B	30	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.96	N/A	200+	200+	500	✓	0.91	N/A			
1L3	LIGHTING 1ST AND 2ND CORRIDOR	A	B	39	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	1.4	N/A	200+	200+	500	✓	1.43	N/A			
2L1	LIGHTING STAIRCASE 3RD TO 5TH FLOOR	A	B	8	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	3.83	N/A	200+	200+	500	✓	1.65	N/A			
2L2	LIGHTING 5TH FLOOR CORRIDOR	A	B	17	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37	N/A	N/A	N/A	0.8	N/A	200+	200+	500	✓	0.83	N/A			
2L3	SPARE																											
3L1	SPARE																											
3L2	SPARE																											
3L3	SPARE																											
4L1	SPARE																											
4L2	SPARE																											
4L3	SPARE																											
5L1	RADIAL CIRCUIT 4TH & 5TH CLEANERS SOCKET	A	B	6	2.5	1.5	0.4	61009	RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.43	38		✓	
5L2	SPARE																											
5L3	RADIAL CIRCUIT GF TO 3RD CLEANERS SOCKETS	A	B	14	2.5	1.5	0.4	61009	RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.71	N/A	200+	200+	500	✓	0.65	38		✓	
6L1	FIRE ALARM PANEL	A	B	1	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.26	N/A			
6L2	AOV SPURS 3RD TO 5TH FLOOR RISERS	A	B	5	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.24	N/A	200+	200+	500	✓	0.33	N/A			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D03/LL TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 3RD FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (400)V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (100)A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09)Ω Z_{df} (2.66)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 Earth electrode resistance: _____ RCD: _____

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
6L3	AOV SPURS 1ST AND 2ND FLOOR	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.35	N/A		
7L1	DATA CAB SPUR	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.04	N/A	200+	200+	500	✓	0.12	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D03/LL
 Location of DB: 3RD FLOOR BLOCK D

TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (100) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_{pf} (2.66) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device			RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)			Short-circuit capacity (kA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)		Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1L1	DB/D03/01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.1	N/A		
1L2	DB/D03/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
1L3	DB/D03/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.13	N/A		
2L1	DB/D03/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.12	N/A		
2L2	DB/D03/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.13	N/A		
2L3	DB/D03/06	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.14	N/A		
3L1	DB/D04/01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.1	N/A		
3L2	DB/D04/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.17	N/A		
3L3	DB/D04/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.08	N/A		
4L1																		200+	200+	500		0.15	N/A			
4L2	DB/D03/LL	G	E	1	35	ARM	5	60947-2	A	100	25	N/A	0.19	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.15	N/A		
4L3																		200+	200+	500		0.15	N/A			
5L1	DB/D05/01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.14	N/A		
5L2	DB/D05/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.2	N/A		
5L3	DB/D05/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.09	N/A	200+	200+	500	✓	0.2	N/A		
6L1	DB/D05/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.22	N/A		
6L2	DB/D05/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.21	N/A		
6L3	DB/D05/06	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.11	N/A		
7L1	DB/D04/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.07	N/A		
7L2	DB/D04/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24	N/A	N/A	N/A	0.01	N/A	200+	200+	500	✓	0.09	N/A		
7L3	DB/D04/06	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15	N/A	N/A	N/A	0.06	N/A	200+	200+	500	✓	0.09	N/A		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: PB-D04 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: LEVEL 4 BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω Z_f (1.24) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																						
1	APARTMENT LIGHTING LEFT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.75	N/A	200+	200+	500	✓	1.99	28	✓			
2	APARTMENT LIGHTING RIGHT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.61	N/A	200+	200+	500	✓	1.21	28	✓			
3	LIGHTING COMMUNAL AREAS	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.79	29	✓			
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.35	N/A	200+	200+	500	✓	1.25	29	✓			
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.32	N/A	200+	200+	500	✓	1.13	29	✓			
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.48	N/A	200+	200+	500	✓	1.30	29	✓			
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.32	N/A	200+	200+	500	✓	1.25	29	✓			
8	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	0.62	0.62	0.17	0.13	N/A	200+	200+	500	✓	0.21	29	✓			
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.18	N/A	200+	200+	500	✓	0.25	N/A				
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.16	N/A	200+	200+	500	✓	0.21	N/A				
11	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.23	N/A				
12	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.22	N/A				
13	SPARE																										✓	
14	SPARE																											
15	SPARE																											
16	SPARE																											
17	SPARE																											
18	SPARE																											
19	SPARE																											
20	SPARE																											
21	SPARE																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/D04/01
 Location of DB: 4TH FLOOR BLOCK D
TESTED BY Name (capitals): GERAIN JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω Z_{df} (1.26) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables			(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit			(D) Thermoplastic cables in metallic trunking			(E) Thermoplastic cables in non-metallic trunking			(F) Thermoplastic / SWA cables			(G) Thermosetting / SWA cables			(H) Mineral-insulated cables			(I) other - state		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)				Insulation resistance			RCD operating time	Test buttons				
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.28	N/A	200+	200+	500	✓	0.49	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.6	38	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.03	N/A	200+	200+	500	✓	0.2	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.1	N/A	200+	200+	500	✓	0.23	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D04/02
 Location of DB: 4TH FLOOR BLOCK D

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω Z_{df} (1.36) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂	
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.54	N/A	200+	200+	500	✓	0.76	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.6	N/A	200+	200+	500	✓	0.63	38	✓		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.2	N/A	200+	200+	500	✓	0.4	N/A			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.34	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/D04/03
 Location of DB: 4TH FLOOR BLOCK D
TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D04) Nominal voltage: (1) V No. of phases: (230)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.38) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																	
(A) Thermoplastic insulated / sheathed cables			(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit			(D) Thermoplastic cables in metallic trunking			(E) Thermoplastic cables in non-metallic trunking			(F) Thermoplastic / SWA cables			(G) Thermosetting / SWA cables			(H) Mineral-insulated cables			(O) other - state			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons					
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)		Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
															(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.86	38	✓		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.45	N/A	200+	200+	500	✓	0.36	29	✓		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.21	N/A			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.05	N/A	200+	200+	500	✓	0.18	N/A			
5	SPARE																										
6	SPARE																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D04/04
 Location of DB: 4TH FLOOR BLOCK D

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_n () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_{df} (1.57) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.66	N/A	200+	200+	500	✓	0.51	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.84	29	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.35	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.35	N/A	200+	200+	500	✓	0.32	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/D04/05
 Location of DB: 4TH FLOOR BLOCK D
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 6047-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω $I_{\Delta f}$ (2.63) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons											
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables		(I) other - state	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)				(Line) r ₁	(Neutral) r _n		(cpc) r ₂	(R ₁ +R ₂)	R ₂																							
		(s)	(A)				(kA)	(Ω)		(Ω)	(Ω)	(V)																							
1	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.98	N/A	200+	200+	500	✓	2.53	29	✓										
2	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.11	N/A	200+	200+	500	✓	2.27	38	✓										
3	LIGHTING COMMUNAL AREAS	A	B	23	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.43	N/A	200+	200+	500	✓	1.28	38	✓										
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.24	N/A	200+	200+	500	✓	1.24	29	✓										
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.36	N/A	200+	200+	500	✓	1.39	39	✓										
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.49	N/A	200+	200+	500	✓	1.99	29	✓										
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.05	N/A	200+	200+	500	✓	1.31	38	✓										
8	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.16	N/A	200+	200+	500	✓	1.4	39	✓										
9	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.34	N/A	200+	200+	500	✓	1.77	39	✓										
10	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	0.35	0.36	0.8	0.24	N/A	200+	200+	500	✓	0.38	39	✓										
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.22	N/A	200+	200+	500	✓	0.35	N/A	✓										
12	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.48	N/A	✓										
13	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.36	N/A	200+	200+	500	✓	0.31	N/A	✓										
14	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.38	N/A	200+	200+	500	✓	0.32	N/A	✓										
15	SPARE																																		
16	SPARE																																		
17	SPARE																																		
18	SPARE																																		
19	SPARE																																		
20	SPARE																																		
21	SPARE																																		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D04/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 4TH FLOOR BLOCK D Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.7) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: Continuity: (.....)

(6111-754/090709/0896) (.....)

Insulation resistance: Earth fault loop impedance: (.....)

Earth electrode resistance: RCD: (.....)

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS										Circuits/equipment vulnerable to damage when testing:																						
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state	Circuit description		Circuit conductor csa		Protective device				RCD		Circuit impedances (Ω)			Insulation resistance			Polarity		RCD operating time		Test buttons	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons								
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂						RCD	AFDD							
22	SPARE																															
23	SPARE																															
24	SPARE																															

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/D04/06 **TESTED BY** Name (capitals): GERAIN JOHN Position: Qualifying Supervisor
 Location of DB: 4TH FLOOR BLOCK D Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.7) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)				Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons						
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)				Test voltage DC (V)	RCD	AFDD				
		(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)																				
1	APARTMENT LIGHTING LEFT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.76	N/A	200+	200+	500	✓	2.00	38	✓				
2	APARTMENT LIGHTING RIGHT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.99	N/A	200+	200+	500	✓	1.97	28	✓				
3	LIGHTING COMMUNAL AREAS	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.16	N/A	200+	200+	500	✓	1.17	28	✓				
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.27	N/A	200+	200+	500	✓	1.19	28	✓				
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.20	N/A	200+	200+	500	✓	1.11	39	✓				
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.36	N/A	200+	200+	500	✓	1.28	28	✓				
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.26	N/A	200+	200+	500	✓	1.19	38	✓				
8	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	0.64	0.64	1.05	0.42	N/A	200+	200+	500	✓	0.39	39	✓				
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.23	N/A					
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.13	N/A	200+	200+	500	✓	0.22	N/A					
11	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.33	N/A	200+	200+	500	✓	0.23	N/A					
12	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.31	N/A	200+	200+	500	✓	0.21	N/A					
13	SPARE																										✓		
14	SPARE																											✓	
15	SPARE																												
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.27	N/A	200+	200+	500	✓	0.34	N/A					
17	SPARE																												
18	SPARE																												
19	SPARE																												
20	SPARE																												
21	SPARE																												

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D05/01 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 5TH FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δf} (2.57) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R_1+R_2)	R_2								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.43	N/A	200+	200+	500	✓	0.46	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.32	N/A	200+	200+	500	✓	0.72	29	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	1.06	N/A	200+	200+	500	✓	0.31	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.08	N/A	200+	200+	500	✓	0.27	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D05/02 TESTED BY Name (capitals): GERAINT JOHN Position: Qualifying Supervisor
 Location of DB: 5TH FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230)V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80)A
 Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ ()mA Operating time: ()ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.2)Ω $I_{\Delta f}$ (1.16)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: Continuity:
 (6111-754/090709/0896) ()
 Insulation resistance: Earth fault loop impedance:
 () ()
 Earth electrode resistance: RCD:
 () ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z_s (Ω)	RCD	AFDD	
														(Line) r_1	(Neutral) r_n	(cpc) r_2	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.59	N/A	200+	200+	500	✓	0.73	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.46	N/A	200+	200+	500	✓	0.64	38	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.37	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	0.3	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D05/03 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: 5TH FLOOR BLOCK D Signature: [Signature] Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () $I_{\Delta n}$ () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.2) Ω $I_{\Delta n}$ (1.18) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.51	N/A	200+	200+	500	✓	0.71	28	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.68	N/A	200+	200+	500	✓	0.76	38	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.25	N/A	200+	200+	500	✓	0.34	N/A		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	200+	200+	500	✓	0.29	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB/D05/04
 Location of DB: 5TH FLOOR BLOCK D
TESTED BY Name (capitals): GERAINT JOHN
 Signature: *Geraint John*
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A
 Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω I_{Δf} (1.03) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (6111-754/090709/0896) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CODES For Type of wiring										Circuits/equipment vulnerable to damage when testing:																
(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(O) other - state										
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)				Insulation resistance			RCD operating time (ms)	Test buttons				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)									R ₂
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	N/A	N/A	N/A	0.7	N/A	200+	200+	500	✓	0.87	38	✓	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.83	N/A	200+	200+	500	✓	0.98	29	✓	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.47	N/A	200+	200+	500	✓	0.56	N/A		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.15	N/A	200+	200+	500	✓	0.36	N/A		
5	SPARE																									
6	SPARE																									

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D05/05
 Location of DB: 5TH FLOOR BLOCK D

TESTED BY Name (capitals): GERAINT JOHN
 Signature: [Signature]
 Position: Qualifying Supervisor
 Date: 01/09/2021

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω Z_{pf} (1.08) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: LIGHTING

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Circuit impedances (Ω)					Insulation resistance			RCD operating time	Test buttons											
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables		(I) other - state N/A	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)				(Line) r ₁	(Neutral) r _n		(cpc) r ₂	(R ₁ +R ₂)	R ₂																							
		(s)	(A)				(kA)	(Ω)		(Ω)	(Ω)	(V)																							
1	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.16	N/A	200+	200+	500	✓	2.83	38	✓										
2	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	1.91	N/A	200+	200+	500	✓	2.00	38	✓										
3	LIGHTING COMMUNAL AREAS	A	B	23	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	N/A	N/A	N/A	2.72	N/A	200+	200+	500	✓	2.1	38	✓										
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.29	N/A	200+	200+	500	✓	1.17	39	✓										
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.42	N/A	200+	200+	500	✓	1.24	39	✓										
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.48	N/A	200+	200+	500	✓	1.28	39	✓										
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.16	N/A	200+	200+	500	✓	1.17	39	✓										
8	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	1.27	N/A	200+	200+	500	✓	1.16	39	✓										
9	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	N/A	N/A	N/A	0.34	N/A	200+	200+	500	✓	1.18	39	✓										
10	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	0.63	0.63	0.62	0.32	N/A	200+	200+	500	✓	0.42	38	✓										
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	200+	200+	500	✓	0.32	N/A											
12	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37	N/A	N/A	N/A	0.17	N/A	200+	200+	500	✓	0.19	N/A											
13	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.39	N/A	200+	200+	500	✓	0.33	N/A											
14	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.42	N/A	200+	200+	500	✓	0.33	N/A											
15	SPARE																																		
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	N/A	N/A	N/A	0.23	N/A	200+	200+	500	✓	0.44	N/A											
17	SPARE																																		
18	SPARE																																		
19	SPARE																																		
20	SPARE																																		
21	SPARE																																		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB/D05/06 **TESTED BY** Name (capitals): GERAINT JOHN Position: Qualifying Supervisor

Location of DB: FLOOR 5 BLOCK D Signature: [Signature] Date: 01/02/2022

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.97) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (6111-754/090709/0896) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work



This certificate is not valid if the serial number has been defaced or altered

238048

ICR18

ELECTRICAL INSTALLATION CERTIFICATE

ADDITIONAL NOTES

Large empty rectangular area for additional notes.

(see additional page No. N/A)

Original (to the person ordering the work)

NOTES FOR RECIPIENT

THIS CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

If you were the person ordering the work, but not the user of the installation, you should pass this certificate, or a full copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected, tested and verified in accordance with the national standard for the safety of electrical installations, BS 7671: 2018 (as amended) - Requirements for Electrical Installations (the IET Wiring Regulations).

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested every six months. For safety reasons it is important that this instruction is followed.

Also for safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a skilled person or persons competent in such work. NICEIC* recommends that you engage the services of an NICEIC Approved Contractor for this purpose. The maximum interval recommended before the next inspection is stated in PART 3. There should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC Approved Contractor or Conforming Body responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate.

The certificate, which consists of at least six numbered pages, is only valid if accompanied by the Schedule of Items Inspected and the Schedule of Circuit Details and Test Results. The certificate has a printed serial number which is traceable to the Approved Contractor to which it was supplied by NICEIC.

For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded on Page 6, one or more additional Schedules of Circuit Details and Test Results, should form part of the certificate.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the Approved Contractor holds an appropriate extension to their NICEIC registration for such work.

You should have received the certificate marked 'Original' and the Approved Contractor should have retained the certificate marked 'Duplicate'.

The 'Original' certificate should be retained in a safe place and shown to any skilled person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this certificate will demonstrate to the new user that the electrical installation complied with the requirements of BS 7671 at the time the certificate was issued.

The Construction (Design and Management) Regulations require that, for a project covered by those Regulations, a copy of this certificate, together with schedules, is included in the project health and safety documentation.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s) and signature(s) of the person(s) certifying the three elements of installation work: design, construction and inspection and testing, and page 3 identifies the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of BS 7671: 2018 (as amended) (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the Approved Contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with BS 7671.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards BS 5839 and BS 5266 respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, an additional page should have been provided which gives the relevant information relating to each additional source, and to the associated earthing arrangements and main switchgear.

Should the person ordering the work (e.g. the client, as identified on Page 1 of this certificate), have reason to believe that any element of the work for which the Approved Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with BS 7671: 2018 (as amended), the client should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

** NICEIC is operated by Certsure LLP, a partnership between the Electrical Contractors' Association and the charity, Electrical Safety First. NICEIC maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).*

For further information about electrical safety and how NICEIC can help you, visit www.niceic.com