NICEIC APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered **26296481** **ICN18C**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Registration No: 609526000 Branch No*: 000

Trading Title: Andrew D'auria Solutions Limited T/A AD Gas

Address: 197 Neath Road, Landore, Swansea, West Glamorgan

Postcode: SA1 2JT Tel No: 01792701074

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: Pobl

Address: POBL House, Pheonix Way, Swansea Enterprise Park, SWANSEA

Postcode: SA7 9EX Tel No: 01792488056

DETAILS OF THE INSTALLATION

Occupier: N/A

Address: Swansea University, Preseli block, Swansea

Postcode: SA2 8PS Tel No: N/A

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

Date works completed: 04/10/2022

The installation is –

New: (N/A)

An addition: (✔)

An alteration: (✔)

Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate:

Rectify observations from EICR

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: 5 years/~~XXXX~~** *(delete as appropriate)*

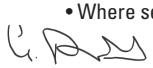
PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK *(this option may be used where the design, construction, inspection & testing have been the responsibility of one person)*

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

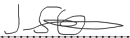
I, being the person responsible for the design, construction, inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design and additionally where this certificate applies to an addition or 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 2022 (date) except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

• Permitted exception applied (411.3.3) ~~YES~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

• Where selectivity is required, details of the verification appended (536.4): (N/A) Page No(s) (N/A)

Name (capitals): GRAYSON RICHARDS Signature:  Date: 04/10/2022

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): JORDAN STEEL Signature:  Date: 06/10/2022

*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.*

This certificate is based on the model forms shown in Appendix 6 of *BS 7671*
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Please see the 'Notes for Recipient'

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ELECTRICAL INSTALLATION CERTIFICATE

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Original (to the person ordering the work)

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 2022 (date) except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

• Permitted exception applied (411.3.3): ~~Yes~~/NA Risk assessment attached: (N/A) Page No(s) (N/A) • Where selectivity is required, details of the verification appended (536.4): (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): GRAYSON RICHARDS Signature: [signature] Date: 04/10/2022

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

CONSTRUCTION *(The extent of liability of the signatory 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 2022 (date) except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): GRAYSON RICHARDS Signature: [signature] Date: 04/10/2022

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 2022 (date) except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): GRAYSON RICHARDS Signature: [signature] Date: 04/10/2022

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): JORDAN STEEL Signature: [signature] Date: 06/10/2022

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

As per EICR

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).

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ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

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

DESIGN, CONSTRUCTION, INSPECTION & TESTING

Organisation: Andrew D'auria Solutions Limited T/A AD Gas
Registration No*: 609526000
Branch No*: 000
Address: 197 Neath Road, Landore
Swansea West Glamorgan
Postcode: SA1 2JT
Tel No: 01792701074

DESIGN

DESIGNER 1

Organisation: Andrew D'auria Solutions Limited T/A AD Gas
Registration No*: 609526000
Branch No*: 000
Address: 197 Neath Road, Landore
Swansea West Glamorgan
Postcode: SA1 2JT
Tel No: 01792701074

DESIGNER 2

Organisation: N/A
Registration No*: N/A
Branch No*: N/A
Address:
Postcode:
Tel No:

CONSTRUCTION

Organisation: Andrew D'auria Solutions Limited T/A AD Gas
Registration No*: 609526000
Branch No*: 000
Address: 197 Neath Road, Landore
Swansea West Glamorgan
Postcode: SA1 2JT
Tel No: 01792701074

INSPECTION & TESTING

Organisation: Andrew D'auria Solutions Limited T/A AD Gas
Registration No*: 609526000
Branch No*: 000
Address: 197 Neath Road, Landore
Swansea West Glamorgan
Postcode: SA1 2JT
Tel No: 01792701074

PART 7 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C-S: (N/A) TN-S: (✔) TT: (N/A)
Other *(state)*: N/A

Supply protective device

(BS (EN) LIM)
Type: (N/A) Rated current: (LIM) A

Number and type of live conductors

AC 1-phase, 2-wire: (N/A) 2-phase, 3-wire: (N/A)
3-phase, 3-wire: (N/A) 3-phase, 4-wire: (✔)
DC 2-wire: (N/A) 3-wire: (N/A) **Other:** (N/A)

Confirmation of supply polarity: (✔)
Other sources of supply *(as detailed on attached schedule)* Page No:(N/A)

Nature of supply parameters

Nominal line voltage, U (1): (415) V
Nominal line voltage to Earth, U_0 (1): (230) V
Nominal frequency, f (1): (50) Hz
Prospective fault current, I_{pf} (1)**: (1.4) kA
External loop impedance, Z_e (1)**: (0.23) Ω

(1) *By enquiry, measurement, or by calculation*

PART 8 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (N/A) ~~kVA~~ / A *(delete as appropriate)*

Means of Earthing

Distributor's facility: (✔)
Installation earth electrode: (N/A)

Where an earth electrode is used insert

Type – rod(s), tape, etc: (None)
Location: (N/A)
Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:
(material Copper csa 70 mm²)
Connection / continuity verified: (✔)

Main protective bonding conductors:
(material Copper csa 35 mm²)
Connection / continuity verified: (✔)

Main protective bonding connections

Water installation pipes: (✔)
Gas installation pipes: (✔)
Structural steel: (NA)
Oil installation pipes: (NA)
Lightning protection: (✔)
Other *(state)*: N/A

Main switch / Switch-fuse / Circuit-breaker / RCD

Type: (BS (EN) 60947-2)
Location: (Main Panel Board)
No. of poles: (3) Rating / setting of device: (N/A) A
Current rating: (400) A Voltage rating: (400) V

Where an RCD is used as the main switch

RCD rated residual operating current, $I_{\Delta n}$: (N/A) mA
Measured operating time: (N/A) ms Rated time delay: (N/A) 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.*

APPROVED CONTRACTOR

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

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

1. External condition of electrical intake equipment (visual inspection only)

1.1 Service cable: (✔) 1.2 Service head: (✔)
1.3 Earthing arrangement: (✔) 1.4 Meter tails: (✔)
1.5 Metering equipment: (✔) 1.6 Isolator (where present): (✔)

2. Parallel or switched alternative sources of supply

2.1 Presence of adequate arrangements where generator to operate as a switched alternative:
- a) Dedicated earthing arrangement independent of that of the public supply (N/A)

2.2 Presence of adequate arrangements where generator to operate in parallel with public supply:
- a) Correct connection of generator in parallel (N/A)
- b) Compatibility of characteristics of means of generation (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 (N/A)
- d) Means to prevent connection of generator in the event of loss of public supply or voltage or frequency deviation beyond declared values (N/A)
- e) Means to isolate generator from public supply (N/A)

2.3 Presence of alternative / additional supply warning notices at or near:
- a) The origin (N/A)
- b) The meter position, if remote from origin (N/A)
- c) The consumer unit / distribution board to which the alternative / additional sources are connected (N/A)
- d) All points of isolation of ALL sources of supply (N/A)

3. Automatic disconnection of supply

3.1 Presence and adequacy of protective earthing / bonding arrangements as follows:
- a) Distributor's earthing arrangement or installation earth electrode arrangement (✔)
- b) Earthing conductor and connections (✔)
- c) Main protective bonding conductors and connections (✔)
- d) Earthing / bonding labels at all appropriate locations (✔)

3.2 Accessibility of:
- a) Earthing conductor connections (✔)
- b) All protective bonding connections (✔)

3.3 FELV – requirements satisfied: (N/A)
3.4 Reduced low voltage – requirements satisfied: (N/A)

4. Additional protection

4.1 The presence and effectiveness of additional protection methods used, as follows:
- a) RCDs not exceeding 30 mA operating current, as specified (✔)
- b) Supplementary bonding (N/A)

5. Basic protection *(‡ For use in controlled / supervised conditions only)*

5.1 Presence and adequacy of protective measures to provide basic protection:
- a) Insulation of live parts (✔)
- b) Barriers or enclosures (✔)
- c) Obstacles ‡ (✔)
- d) Placing out of reach ‡ (✔)

6. Basic and fault protection

- a) SELV (✔)
- b) PELV (✔)
- c) Double or reinforced insulation (✔)

When used, provide details on a separate numbered page: Page No (N/A)

7. Distribution equipment

7.1 Adequacy of working space / accessibility: (✔)
7.2 Security of fixing: (✔)
7.3 Insulation of live parts not damaged during erection: (✔)
7.4 Adequacy / security of barriers: (✔)
7.5 Suitability of enclosures for IP and fire ratings: (✔)
7.6 Enclosures not damaged during installation: (✔)
7.7 Presence and effectiveness of obstacles: (✔)
7.8 Presence and operation (functional) check of main switch(es): (✔)
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: (N/A)
7.13 RCD(s) provided for additional protection, where specified: (✔)
7.14 Confirmation overvoltage protection (SPDs) provided, where specified: (N/A)
7.15 Indication of SPD(s) continued functionality confirmed: (N/A)
7.16 Selection of protective devices(s) and base(s); correct type and rating: (✔)
7.17 Single-pole protective devices in line conductors only: (✔)
7.18 Protection against mechanical damage where cables enter equipment: (✔)
7.19 Protection against electromagnetic effects where cables enter ferromagnetic enclosures: (✔)
7.20 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure: (✔)
7.21 Presence of RCD six-monthly test notice, where required: (✔)
7.22 Presence of diagrams, charts or schedules at or near each distribution board, where required: (✔)
7.23 Presence of next inspection recommendation label: (✔)
7.24 Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required: (✔)
7.25 Presence of other required labelling: (✔)

8. Circuits

8.1 Identification of conductors: (✔)
8.2 Cables correctly supported throughout, with protection against abrasion: (✔)
8.3 Examination of cables for signs of mechanical damage during installation: (✔)
8.4 Examination of installation of live parts, not damaged during erection: (✔)
8.5 Non-sheathed cables protected by enclosure in conduit, ducting or trunking: (✔)
8.6 Suitability of containment systems (including flexible conduit): (✔)
8.7 Correct temperature rating of cable insulation: (✔)
8.8 Adequacy of cables for current-carrying capacity with regard to the type and nature of installation: (✔)
8.9 Adequacy of protective devices: type and fault current rating for fault protection: (✔)
8.10 Adequacy of AFDD(s), where specified: (N/A)
8.11 Presence and adequacy of circuit protective conductors: (✔)
8.12 Coordination between conductors and overload protective devices: (✔)

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PART 9 : SCHEDULE OF ITEMS INSPECTED

8.13 Wiring systems and cable installation methods / practices appropriate to the type and nature of installation and external influences: (✔)

8.14 Cables concealed under floors, above ceilings, in walls / partitions, adequately protected against damage: (✔)

8.15 Cables installed in walls / partitions, installed in prescribed zones: (✔)

8.16 Provision of additional protection by RCDs having rated residual operating current ($I_{\Delta n}$) not exceeding 30 mA:

a) For all socket-outlets with a rated current not exceeding 32 A or less, unless exempt (✔)

b) For supplies to mobile equipment with a current rating not exceeding 32 A for use outdoors (✔)

c) For cables concealed in walls / partitions at a depth of less than 50 mm (✔)

d) For cables concealed in walls / partitions containing metal parts regardless of depth (✔)

e) For circuits supplying luminaires within domestic (household) premises only (✔)

8.17 Provision of fire barriers, sealing arrangements so as to minimise the spread of fire: (✔)

8.18 Band II cables segregated / separated from Band I cables: (N/A)

8.19 Cables segregated / separated from non-electrical services: (✔)

8.20 Termination of cables at enclosures:

a) Connections under no undue strain (✔)

b) No basic insulation of a conductor visible outside enclosure (✔)

c) Connections of live conductors adequately enclosed (✔)

d) Adequately connected at point of entry to enclosure (✔)

8.21 Suitability of circuit accessories for external influences: (✔)

8.22 Circuit accessories not damaged during erection: (✔)

8.23 Single-pole devices for switching or protection in line conductors only: (✔)

8.24 Adequacy of connections, including cpcs, within accessories and at fixed and stationary equipment: (✔)

9. Isolation and switching

9.1 Isolators:

a) Presence and location of appropriate devices (✔)

b) Capable of being secured in the OFF position (✔)

c) Correct operation verified (functional check) (✔)

d The installation, circuit or part thereof that will be isolated is clearly identified by location and / or durable marking (✔)

e) Warning notice posted in situations where live parts cannot be isolated by the operation of a single device (✔)

9.2 Switching off for mechanical maintenance:

a) Presence of appropriate devices (✔)

b) Acceptable location (local or remote) (✔)

c) Capable of being secured in the OFF position (✔)

d) Correct operation verified (functional check) (✔)

e) The installation, circuit or part thereof to be disconnected clearly identified by location and / or durable marking (✔)

9.3 Emergency switching / stopping:

a) Presence of appropriate devices (✔)

b) Readily accessible for operation where danger might occur (✔)

c) Correct operation verified (functional check) (✔)

d) The installation, circuit or part thereof to be disconnected clearly identified by location and / or durable marking (✔)

e) Firefighter's switches present, where required: (✔)

9.4 Functional switching:

a) Presence of appropriate devices (✔)

b) Correct operation verified (functional check) (✔)

10. Current-using equipment (permanently connected)

10.1 Suitability of equipment in terms of IP and fire ratings: (✔)

10.2 Enclosure not damaged / deteriorated during installation so as to impair safety: (✔)

10.3 Suitability for the environment and external influences: (✔)

10.4 Security of fixing: (✔)

10.5 Cable entry holes in ceilings above luminaires, sized or sealed so as to restrict the spread of fire: (✔)

10.6 Recessed luminaires (downlighters):

a) Correct type of lamps fitted (N/A)

b) Installed to minimise build-up of heat (N/A)

10.7 Provision of undervoltage protection, where specified: (N/A)

10.8 Provision of overload protection, where specified: (N/A)

10.9 Adequacy of working space / accessibility to equipment: (✔)

11. Special installations or locations

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:

N/A (N/A)

Details must be appended on a separate numbered page (see PART 10 below)

SCHEDULE OF ITEMS INSPECTED BY

Name (capitals): GRAYSON RICHARDS

Signature: ..... Date: 05/10/2022

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): (4 & 5)	Page No(s): (6, 7-38)	Page No(s): (None)	Page No(s): (None)	Page No(s): (39-73)

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 12L1,12L3,19L1,9L1,19L2,13L2,7L2,19L3,8L1,7L3,9L3,9L2,12L2,7L1,8L3,13L1,13L3,8L2,Consu

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	400	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1L1	DB G g/f foyer cupboard	F	E	1	16	16	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.27	N/A	N/A	N/A
1L2	DB 1-1 1st floot corridor cupboard	F	E	1	16	16	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.17	N/A	N/A	N/A
1L3	DB 2-2 2nd floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.08	N/A	N/A	N/A
2L1	DB 3-2 3rd floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.24	N/A	N/A	N/A
2L2	DB 4-2 4th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.20	N/A	N/A	N/A
2L3	DB 5-2 5th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.21	N/A	N/A	N/A
3L1	DB 6-2 6th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.33	N/A	N/A	N/A
3L2	DB 7-2 7th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.09	N/A	N/A	N/A
3L3	DB 8- 2 8th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.06	N/A	N/A	N/A
4L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6L1	DB 9-2 9th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.22	N/A	N/A	N/A
6L2	DB 10 lift motor room DB	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.34	N/A	N/A	N/A

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

DB designation: Main Panel Board

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (N/A) Nominal voltage: (N/A) V No. of phases: (N/A)

Overcurrent protection device for the distribution circuit Type: (BS EN N/A) Rating: (N/A) 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: (N/A) Phase sequence confirmed (where appropriate): (N/A) Z_s (N/A) Ω I_{pf} (N/A) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This certificate is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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NICEIC APPROVED CONTRACTOR

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 12L1,12L3,19L1,9L1,19L2,13L2,7L2,19L3,8L1,7L3,9L3,9L2,12L2,7L1,8L3,13L1,13L3,8L2,consu

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
6L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7L1	EV port	F	C	1	16	16	5	60947-2	ACB	70	40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
7L2	EV port	F	C	1	16	16	5	60947-2	ACB	70	40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
7L3	EV port	F	C	1	16	16	5	60947-2	ACB	70	40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
8L1	Boiler room panel	F	E	1	10	10	5	60947-2	ACB	40	40	N/A	0.63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.18	N/A	N/A	N/A
8L2	Boiler room panel	F	E	1	10	10	5	60947-2	ACB	40	40	N/A	0.63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.19	N/A	N/A	N/A
8L3	Boiler room panel	F	E	1	10	10	5	60947-2	ACB	40	40	N/A	0.63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.18	N/A	N/A	N/A
9L1	Lift isolator	F	E	2	25	25	5	60947-2	ACB	32	40	N/A	0.78	N/A	N/A	N/A	lim	N/A	N/A	lim	500	✔	lim	N/A	N/A	N/A
9L2	Lift isolator	F	E	2	25	25	5	60947-2	ACB	32	40	N/A	0.78	N/A	N/A	N/A	lim	N/A	N/A	lim	500	✔	lim	N/A	N/A	N/A
9L3	Lift isolator	F	E	2	25	25	5	60947-2	ACB	32	40	N/A	0.78	N/A	N/A	N/A	lim	N/A	N/A	lim	500	✔	lim	N/A	N/A	N/A
10L1	not used	N/A	N/A	N/A	N/A	N/A	N/A	60947-2	ACB	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10L2	not used	N/A	N/A	N/A	N/A	N/A	N/A	60947-2	ACB	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10L3	not used	N/A	N/A	N/A	N/A	N/A	N/A	60947-2	ACB	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11L1	not used	N/A	N/A	N/A	N/A	N/A	N/A	60947-2	ACB	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11L2	not used	N/A	N/A	N/A	N/A	N/A	N/A	60947-2	ACB	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11L3	not used	N/A	N/A	N/A	N/A	N/A	N/A	60947-2	ACB	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12L1	Lift isolator 2	F	E	2	25	25	5	60947-2	ACB	32	40	N/A	0.78	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
12L2	Lift isolator 2	F	E	2	25	25	5	60947-2	ACB	32	40	N/A	0.78	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A

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

DB designation: Main Panel Board

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (N/A)

Nominal voltage: (N/A) V

No. of phases: (N/A)

Overcurrent protection device for the distribution circuit Type: (BS EN N/A)

Rating: (N/A) 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: (N/A)

Phase sequence confirmed (where appropriate): (N/A) Z_s (N/A) Ω

I_{pf} (N/A) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671*

Enter a (✓) or value in the respective fields, as appropriate.

* Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / XXX : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing: 12L1,12L3,19L1,9L1,19L2,13L2,7L2,19L3,8L1,7L3,9L3,9L2,12L2,7L1,8L3,13L1,13L3,8L2,Consu

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
12L3	Lift isolator 2	F	E	2	25	25	5	60947-2	ACB	32	40	N/A	0.78	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
13L1	Ventilation control panel	F	E	1	25	25	5	60947-2	ACB	63	40	N/A	0.78	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
13L2	Ventilation control panel	F	E	1	25	25	5	60947-2	ACB	63	40	N/A	0.78	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
13L3	Ventilation control panel	F	E	1	25	25	5	60947-2	ACB	63	40	N/A	0.78	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
14L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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)

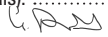
DB designation: Main Panel Board

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: 

Date: 04/10/2022

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

Supply to DB is from: (N/A)

Nominal voltage: (N/A) V

No. of phases: (N/A)

Overcurrent protection device for the distribution circuit Type: (BS EN N/A)

Rating: (N/A) 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: (N/A)

Phase sequence confirmed (where appropriate): (N/A) Z_s (N/A) Ω

I_{pf} (N/A) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671*

Enter a (✓) or value in the respective fields, as appropriate.

* Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 12L1,12L3,19L1,9L1,19L2,13L2,7L2,19L3,8L1,7L3,9L3,9L2,12L2,7L1,8L3,13L1,13L3,8L2,Consu

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
18L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19L1	Immersion heater contactor plant room	F	E	1	35	35	5	60947-2	ACB	125	40	N/A	0.23	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.18	N/A	N/A	N/A
19L2	Immersion heater contactor plant room	F	E	1	35	35	5	60947-2	ACB	125	40	N/A	0.23	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.16	N/A	N/A	N/A
19L3	Immersion heater contactor plant room	F	E	1	35	35	5	60947-2	ACB	125	40	N/A	0.23	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.18	N/A	N/A	N/A
20L1	DB G-1 g/f corridor cupboard	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.27	N/A	N/A	N/A
20L2	DB 1-2 1st floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.12	N/A	N/A	N/A
20L3	Db 2-1 2nd floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.34	N/A	N/A	N/A
21L1	DB 3-1 3rd floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.14	N/A	N/A	N/A
21L2	DB 4-1 4th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.11	N/A	N/A	N/A
21L3	DB 5-1 5th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.06	N/A	N/A	N/A
22L1	DB 6-1 6th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.20	N/A	N/A	N/A
22L2	DB 7-1 7th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.23	N/A	N/A	N/A
22L3	DB 9-1 9th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.16	N/A	N/A	N/A
23L1	DB external lighting	F	E	1	6	6	5	60947-2	ACB	25	40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.17	N/A	N/A	N/A
23L2	DB 8-1 8th floor	F	E	1	35	35	5	60947-2	ACB	63	40	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.16	N/A	N/A	N/A
23L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24L1	DB lighting	F	E	1	35	35	5	60947-2	ACB	100	40	N/A	0.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.20	N/A	N/A	N/A
24L2	DB lighting	F	E	1	35	35	5	60947-2	ACB	100	40	N/A	0.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.20	N/A	N/A	N/A

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

DB designation: Main Panel Board

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (N/A) Nominal voltage: (N/A) V No. of phases: (N/A)

Overcurrent protection device for the distribution circuit Type: (BS EN N/A) Rating: (N/A) 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: (N/A) Phase sequence confirmed (where appropriate): (N/A) Z_s (N/A) Ω I_{pf} (N/A) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX

NICEIC APPROVED CONTRACTOR

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / XXX : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS
(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 12L1,12L3,19L1,9L1,19L2,13L2,7L2,19L3,8L1,7L3,9L3,9L2,12L2,7L1,8L3,13L1,13L3,8L2,Consu

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
24L3	DB lighting	F	E	1	35	35	5	60947-2	ACB	100	40	N/A	0.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	0.20	N/A	N/A	N/A

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
DB designation: Main Panel Board
Location of DB: Electrical plant room

TESTED BY
Name (capitals): GRAYSON RICHARDS
Position: Electrician
Signature: [signature]
Date: 04/10/2022

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

Supply to DB is from: (N/A) Nominal voltage: (N/A) V No. of phases: (N/A)

Overcurrent protection device for the distribution circuit Type: (BS EN N/A) Rating: (N/A) 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: (N/A) Phase sequence confirmed (where appropriate): (N/A) Z_s (N/A) Ω I_{pf} (N/A) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)
Continuity: (N/A)
Insulation resistance: (N/A)
Earth fault loop impedance: (N/A)
Earth electrode resistance: (N/A)
RCD: (N/A)

NICEIC APPROVED CONTRACTOR

This continuation sheet is not valid if the serial number is not the same as the corresponding certificate or report. **26296481** **ISN18C**

CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing: 1,2,3,Neons, electronic equipment

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: FP200

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (*BS 7671*)	Number of points served	Circuit conductor csa: Live (mm^2)	Circuit conductor csa: cpc (mm^2)	Max. disconnection time (*BS 7671*) (s)	Protective device: BS (EN)	Protective device: Type	Protective device: Rating (A)	Protective device: Short-circuit capacity (kA)	RCD: Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω): Ring final circuits only (measured end to end): (Line) r_1	Ring final circuits only: (Neutral) r_n	Ring final circuits only: (cpc) r_2	All circuits (complete at least one column): $(R_1 + R_2)$	All circuits: R_2	Insulation resistance: Live / Live (MΩ)	Insulation resistance: Live / Earth (MΩ)	Insulation resistance: Test voltage DC (V)	Polarity (✓)	Max. measured earth fault loop impedance, Z_s (Ω)	RCD operating time (ms)	Test buttons: RCD (✓)	Test buttons: AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Main FA panel rear	O	E	2	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.64	N/A	N/A	501	N/A	✔	0.87	N/A	N/A	N/A
2	Fire alarm repeater reception	O	B	1	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.37	N/A	N/A	673	N/A	✔	0.61	N/A	N/A	N/A
3	Security system spur	O	B	1	2.5	2.5	0.4	60898	C	6	10	N/A	2.91	N/A	N/A	N/A	0.55	N/A	N/A	428	N/A	✔	0.68	N/A	N/A	N/A
4	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 FA

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (FA isolator main panel)

Nominal voltage: (230) V

No. of phases: (1)

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) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.23) Ω I_{pf} (0.999) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671*

Enter a (✓) or value in the respective fields, as appropriate.

* Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,3,Neons, electronic equipment

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: FP200

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Lights external rear entrance	O	B	2	1.5	1.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.72	N/A	N/A	0.05	500	✔	0.91	N/A	N/A	N/A
2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Lights external led corner lights	O	C	2	1.5	1.5	0.4	61009	C	10	10	30	1.75	N/A	N/A	N/A	0.70	N/A	N/A	5.47	500	✔	0.99	18.3	✔	N/A
4	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 EL

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 23L2) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) 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: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.17) Ω I_{pf} (1.42) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

NICEIC APPROVED CONTRACTOR

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / XXX : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing: 1L1,1L2,1L3,2L1,2L2,2L3,3L1,3L2,3L3,4L1,7L1,7L2,7L3,8L1,8L2,8L3,9L1,9L2,9L3,10L1,10L2,10

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1L1	Unknown	D	B	N/A	2.5	2.5	0.4	61009	C	10	10	30	1.75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
1L2	Lights 1st corridor and stairs	D	B	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.62	N/A	N/A	349	500	✔	0.82	N/A	N/A	N/A
1L3	Lights 2nd corridor and stairs	D	B	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.40	N/A	N/A	230	500	✔	0.60	N/A	N/A	N/A
2L1	Lights 3rd corridor and stairs	D	B	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.75	N/A	N/A	362	500	✔	0.95	N/A	N/A	N/A
2L2	Lights 4th corridor and stairs	D	B	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.87	N/A	N/A	608	500	✔	1.03	N/A	N/A	N/A
2L3	Lights 5th corridor and stairs	D	B	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.76	N/A	N/A	701	500	✔	0.96	N/A	N/A	N/A
3L1	Lights 6th corridor and stairs	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.81	N/A	N/A	>999	500	✔	1.01	N/A	N/A	N/A
3L2	Lights 7th corridor and stairs	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.75	N/A	N/A	752	500	✔	0.95	N/A	N/A	N/A
3L3	Lights 8rh corridor and stairs	D	B	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.96	N/A	N/A	666	500	✔	1.16	N/A	N/A	N/A
4L1	Lights 9th corridor and stairs	D	B	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.84	N/A	N/A	741	500	✔	1.04	N/A	N/A	N/A
4L2	NTL air supply	F	C	1	2.5	2.5	0.4	60898	C	32	10	N/A	0.54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
4L3	NTL air supply	F	C	1	2.5	2.5	0.4	60898	C	32	10	N/A	0.54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
5L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 LTG

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 24L1) Nominal voltage: (415) 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) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (✔) Z_s (0.2) Ω I_{pf} (1.26) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1L1,1L2,1L3,2L1,2L2,2L3,3L1,3L2,3L3,4L1,7L1,7L2,7L3,8L1,8L2,8L3,9L1,9L2,9L3,10L1,10L2,10

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
6L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7L1	Lights 3rd corridor & lift lobby	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	1.13	N/A	N/A	>999	500	✔	1.33	N/A	N/A	N/A
7L2	Lights 1st corridor & lift lobby	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	1.19	N/A	N/A	>999	500	✔	1.39	N/A	N/A	N/A
7L3	Lights 2nd corridor & lift lobby	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.98	N/A	N/A	178	500	✔	1.18	N/A	N/A	N/A
8L1	Lights 6th corridor & lift lobby	D	B	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.79	N/A	N/A	6.74	500	✔	0.99	N/A	N/A	N/A
8L2	Lights 4th corridor & lift lobby	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.95	N/A	N/A	487	500	✔	1.35	N/A	N/A	N/A
8L3	Lights 5th corridor & lift lobby	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	1.10	N/A	N/A	712	500	✔	1.32	N/A	N/A	N/A
9L1	Lights 9th corridor & lift lobby	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.84	N/A	N/A	545	500	✔	1.06	N/A	N/A	N/A
9L2	Lights 7th corridor & lift lobby	D	B	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.89	N/A	N/A	3.50	500	✔	1.10	N/A	N/A	N/A
9L3	Lights 8th corridor & lift loby	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.88	N/A	N/A	98.7	500	✔	1.08	N/A	N/A	N/A
10L1	Lights far stairs half landing	D	B	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.95	N/A	N/A	>999	500	✔	1.19	N/A	N/A	N/A
10L2	Lights far stairs full landing	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	1.20	N/A	N/A	568	500	✔	1.41	N/A	N/A	N/A
10L3	Lights near stairs fire escape	D	B	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	1.5	N/A	N/A	0.89	500	✔	1.71	N/A	N/A	N/A
11L1	Old temporary cabin isolator	F	C	1	4	4	0.4	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	0.18	N/A	N/A	>999	500	✔	0.33	N/A	N/A	N/A
11L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11L3	Contactor control DB- DC	C	B	1	1	1	N/A	60898	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	✔	N/A	N/A	N/A	N/A
12L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 LTG

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 24L1) Nominal voltage: (415) 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) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (✔) Z_s (0.2) Ω I_{pf} (1.26) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS
(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1L1,1L2,1L3,2L1,2L2,2L3,3L1,3L2,3L3,4L1,7L1,7L2,7L3,8L1,8L2,8L3,9L1,9L2,9L3,10L1,10L2,10

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: Live (mm^2)	Circuit conductor csa: cpc (mm^2)	Max. disconnection time (*BS 7671*) (s)	Protective device: BS (EN)	Protective device: Type	Protective device: Rating (A)	Protective device: Short-circuit capacity (kA)	RCD: Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Circuit impedances (Ω): Ring final circuits only (measured end to end): (Line) r_1	Ring final circuits only: (Neutral) r_n	Ring final circuits only: (cpc) r_2	All circuits (complete at least one column): $(R_1 + R_2)$	All circuits: R_2	Insulation resistance: Live / Live (MΩ)	Insulation resistance: Live / Earth (MΩ)	Insulation resistance: Test voltage DC (V)	Polarity (✓)	Max. measured earth fault loop impedance, Z_s (Ω)	RCD operating time (ms)	Test buttons: RCD (✓)	Test buttons: AFDD (✓)
12L3	Supply DB- DC	F	C	1	25	25	5	60898	C	32	10	N/A	0.54	N/A	N/A	N/A	0.15	N/A	N/A	>999	500	✔	0.17	N/A	N/A	N/A

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
DB designation: DB LTG
Location of DB: Electrical plant room

TESTED BY
Name (capitals): GRAYSON RICHARDS
Signature: [signature]
Position: Electrician
Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 24L1) Nominal voltage: (415) 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) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (✔) Z_s (0.2) Ω I_{pf} (1.26) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)
Continuity: (N/A)
Insulation resistance: (N/A)
Earth fault loop impedance: (N/A)
Earth electrode resistance: (N/A)
RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,Neons, electronic equipment

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: FP200

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		Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	Maximum permitted Z_s for installed protective device* (Ω)	Ring final circuits only (measured end to end) (Line) r_1	Ring final circuits only (measured end to end) (Neutral) r_n	Ring final circuits only (measured end to end) (cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	All circuits (complete at least one column) R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
	EM Contactor	N/A	N/A	1	1.5	N/A	N/A	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
	3 pole contactor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	EM 1st floor & fire escape stairs	O	C	10	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.33	N/A	N/A	11.6	500	✔	0.48	21.4	✔	N/A
2	EM 2nd floor & fire escape stairs	O	C	10	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.33	N/A	N/A	40.5	500	✔	0.50	20.1	✔	N/A
3	EM 3rd floor & fire escape stairs	O	C	10	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.30	N/A	N/A	4.18	500	✔	0.48	20.1	✔	N/A
4	EM 4th floor & fire escape stairs	O	C	10	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.32	N/A	N/A	25.9	500	✔	0.47	22.7	✔	N/A
5	EM 5th floor & fire escape stairs	O	C	10	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.39	N/A	N/A	5.91	500	✔	0.50	21.8	✔	N/A
6	EM 6th floor & fire escape stairs	O	C	10	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.68	N/A	N/A	>999	500	✔	0.82	20.2	✔	N/A
7	EM 7th floor & fire escape stairs	O	C	10	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.56	N/A	N/A	>999	500	✔	0.71	21.8	✔	N/A
8	EM 8th floor & fire escape stairs	O	C	10	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.50	N/A	N/A	>999	500	✔	0.66	24.3	✔	N/A
9	EM 9th floor & fire escape stairs	O	C	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	0.51	N/A	N/A	0.02	500	✔	0.68	N/A	N/A	N/A
10	EM ground floor	O	C	5	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.44	N/A	N/A	>999	500	✔	0.59	18.1	✔	N/A
11	EM main stairs	O	C	20	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.41	N/A	N/A	>999	500	✔	1.64	18.4	✔	N/A
12	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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)

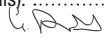
DB designation: DB DC Emergency lighting

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: 

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 12L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (32) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.17) Ω I_{pf} (1.39) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,Neons, electronic equipment

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: FP200

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	Ring final circuits only (measured end to end) (Neutral) r_n	Ring final circuits only (measured end to end) (cpc) r_2	All circuits (complete at least one column) $(R_1 + R_2)$	All circuits (complete at least one column) R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 DC Emergency lighting

Location of DB: Electrical plant room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 12L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (32) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.17) Ω I_{pf} (1.39) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,12,13,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.59	N/A	N/A	>999	500	✔	0.85	27.4	✔	N/A
2	Sockets room 6 & 7	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.31	N/A	N/A	>999	500	✔	0.47	26.9	✔	N/A
3	Sockets room 8 & 9 &10	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.87	N/A	N/A	21.4	500	✔	1.00	27.3	✔	N/A
4	Sockets room 1	D	B	2	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.81	N/A	N/A	>999	500	✔	1.00	28.4	✔	N/A
5	Sockets room 4 & 5	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.59	N/A	N/A	627	500	✔	0.75	28.3	✔	N/A
6	Sockets kitchen & hob spur	D	B	4	4	4	0.4	61009	C	32	10	30	0.54	0.55	0.55	0.57	0.25	N/A	N/A	>999	500	✔	0.46	24.2	✔	N/A
7	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.90	0.93	0.93	0.49	N/A	N/A	>999	500	✔	0.29	26.7	✔	N/A
8	Hydro boil kitchen	D	B	2	4	4	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.40	N/A	N/A	>999	500	✔	0.57	26.4	✔	N/A
9	Sockets kitchen	D	B	N/A	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	LIM	N/A	N/A	N/A	500	✔	N/A	27.8	✔	N/A
10	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.54	N/A	N/A	55.6	500	✔	0.71	18.9	✔	N/A
11	Lights 5/6/7/8/9/10	D	B	25	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.72	N/A	N/A	3.62	500	✔	1.09	16.1	✔	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	B	19	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.71	N/A	N/A	17.1	500	✔	1.03	15.8	✔	N/A
13	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	LIM	N/A	N/A	>999	500	✔	Lim	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 9-1

Location of DB: 9th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 23L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (25) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.16) Ω I_{pf} (1.58) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing: 1,2,3,4,5,6,7,8,9,10,11,Neons, electronic equipment

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, $I_{\Delta n}$	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.39	N/A	N/A	>999	500	✔	0.61	27.4	✔	N/A
2	Sockets room 14/15	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.15	N/A	N/A	>999	500	✔	0.25	27.2	✔	N/A
3	Sockets room 16/17	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.12	N/A	N/A	>999	500	✔	0.21	27.5	✔	N/A
4	Sockets room 18/19	D	B	2	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.16	N/A	N/A	>999	500	✔	0.26	19.1	✔	N/A
5	Sockets room 20	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.23	N/A	N/A	>999	500	✔	0.45	27.1	✔	N/A
6	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.49	0.47	0.49	0.22	N/A	N/A	>999	500	✔	0.15	26.8	✔	N/A
7	Sockets kitchen & hob spur	A	B	4	2.5	1.5	0.4	61009	C	32	10	30	0.54	1.13	1.14	1.85	0.74	N/A	N/A	>999	500	✔	0.53	27.8	✔	N/A
8	Lights 11/12/13/14	D	B	25	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.15	N/A	N/A	>999	500	✔	0.27	16.8	✔	N/A
9	Lights 15/16/17/18/19/20	D	B	19	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.88	N/A	N/A	756	500	✔	2.14	16.1	✔	N/A
10	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	LIM	N/A	N/A	>999	500	✔	Lim	N/A	N/A	N/A
11	Cooker	A	B	2	6	2.5	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.14	N/A	N/A	28.8	500	✔	0.35	18.9	✔	N/A
12	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 9-2

Location of DB: 9th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 6L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.22) Ω I_{pf} (1.08) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing: 2,3,4,5,6,7,8,9,10,11,12,Neons, electronic equipment

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: FP200

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
	Sockets room 20	D	B	3	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	N/A	N/A	N/A	230	500	✔	N/A	N/A	✔	N/A
2	Sockets room 18/19	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.39	N/A	N/A	145	500	✔	0.53	23.7	✔	N/A
3	Sockets room 16/17	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.25	N/A	N/A	98.4	500	✔	0.31	34.4	✔	N/A
4	Sockets room 11/12/13	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.49	N/A	N/A	950	500	✔	0.57	31.9	✔	N/A
5	Sockets room 14/15	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.36	N/A	N/A	223	500	✔	0.43	29.6	✔	N/A
6	Sockets kitchen & hob spur	A	B	7	2.5	1.5	0.4	61009	C	32	10	30	0.54	0.28	0.31	0.49	0.29	N/A	N/A	63	500	✔	0.37	28.7	✔	N/A
7	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.22	N/A	N/A	>999	500	✔	0.31	34.3	✔	N/A
8	Lights 11/12/13/14/kitchen	D	B	14	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.84	N/A	N/A	346	500	✔	1.09	22.4	✔	N/A
9	Lights 15/16/17/18/19/20	D	B	13	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.79	N/A	N/A	74.2	500	✔	0.87	21.4	✔	N/A
10	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	154.7	500	N/A	N/A	N/A	N/A	N/A
11	Fire alarm	O	B	2	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.90	N/A	N/A	>999	N/A	✔	0.17	21.4	✔	N/A
12	Cooker	A	B	2	6	2.5	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.53	N/A	N/A	744	500	✔	0.54	34.6	✔	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 8-2

Location of DB: 8th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 3L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) 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: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.08) Ω I_{pf} (3.8) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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NICEIC APPROVED CONTRACTOR

This continuation sheet is not valid if the serial number is not the same as the corresponding certificate or report. **26296481** **ISN18C**

CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing: 1,2,3,4,5,6,7,8,9,10,11,12,13,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 8 & 9 &10	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.46	N/A	N/A	>999	500	✔	0.63	27.8	✔	N/A
2	Sockets room 6 & 7	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.30	N/A	N/A	141	500	✔	0.46	27.9	✔	N/A
3	Sockets room 4 & 5	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.30	N/A	N/A	159	500	✔	0.35	27.6	✔	N/A
4	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.39	N/A	N/A	118	500	✔	0.47	28.1	✔	N/A
5	Sockets room 1	D	B	3	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.42	N/A	N/A	75.5	500	✔	0.58	27.7	✔	N/A
6	Sockets corridor	D	B	3	4	4	0.4	61009	C	32	10	30	0.54	0.73	0.72	0.74	0.35	N/A	N/A	110	500	✔	0.54	27.1	✔	N/A
7	Sockets kitchen & hob spur	D	B	6	4	4	0.4	61009	C	32	10	30	0.54	0.27	0.27	0.27	0.15	N/A	N/A	131	500	✔	0.27	27.6	✔	N/A
8	Socket kitchen	D	B	1	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.18	N/A	N/A	304	500	✔	0.35	16.1	✔	N/A
9	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.40	N/A	N/A	>999	500	✔	0.50	28.9	✔	N/A
10	Hydro boil kitchen	D	B	2	4	4	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.30	N/A	N/A	>999	500	✔	0.46	16.4	✔	N/A
11	Lights 5/6/7/8/9/10	D	B	25	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.5	N/A	N/A	283	500	✔	1.72	16.1	✔	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	B	21	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.55	N/A	N/A	>999	500	✔	1.70	16.6	✔	N/A
13	Single light corridor	D	B	1	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.58	N/A	N/A	>999	500	✔	1.74	16.6	✔	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 8-1

Location of DB: 8th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 05/10/2022

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

Supply to DB is from: (Main Panel Board - 22L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.16) Ω I_{pf} (1.08) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,3,4,5,6,7,Neons,Electronic Equipment.

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	RCD Sockets lift plant room	A	C	2	2.5	2.5	0.4	60898	C	32	10	30	0.54	0.39	0.36	0.38	0.16	N/A	N/A	>999	500	✔	0.31	16.7	✔	N/A
2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	60898	C	20	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Sockets in lift	B	B	1	2.5	2.5	0.4	60898	B	20	6	N/A	0.87	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	✔	N/A	N/A	N/A	N/A
4	Lights lift plant room	B	B	4	1.5	1.5	0.4	60898	C	6	10	N/A	2.91	N/A	N/A	N/A	0.96	N/A	N/A	714	500	✔	1.43	N/A	N/A	N/A
5	Lights lift car evens	B	B	1	1.5	1.5	0.4	60898	C	6	10	N/A	2.91	N/A	N/A	N/A	N/A	N/A	N/A	139	500	✔	N/A	N/A	N/A	N/A
6	Lights lift shaft	B	B	N/A	1.5	1.5	0.4	60898	C	6	10	N/A	2.91	N/A	N/A	N/A	N/A	N/A	N/A	618	500	✔	N/A	N/A	N/A	N/A
7	Lights lift car odds	B	B	1	1.5	1.5	0.4	60898	C	6	10	N/A	2.91	N/A	N/A	N/A	N/A	N/A	N/A	251	500	✔	N/A	N/A	N/A	N/A
8	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 lift room

Location of DB: Lift room

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 6L2) Nominal voltage: (N/A) V No. of phases: (N/A)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.34) Ω I_{pf} (0.577) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing: 1,2,3,4,5,6,7,8,9,10,11,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 11/12/13	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.34	N/A	N/A	>999	500	✔	0.45	31.4	✔	N/A
2	Sockets room 14/15	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.29	N/A	N/A	242	500	✔	0.42	29.1	✔	N/A
3	Sockets room 16/17	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.20	N/A	N/A	946	500	✔	0.29	28.4	✔	N/A
4	Sockets room 18/19	D	B	2	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.31	N/A	N/A	585	500	✔	0.44	31.4	✔	N/A
5	Sockets room 20	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.33	N/A	N/A	910	500	✔	0.46	23.4	✔	N/A
6	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.38	0.38	0.39	0.17	N/A	N/A	185	500	✔	0.31	18.1	✔	N/A
7	Sockets kitchen & hob spur	D	C	7	2.5	1.5	0.4	61009	C	32	10	30	0.54	0.32	0.35	0.32	0.19	N/A	N/A	>999	500	✔	0.29	34.4	✔	N/A
8	Lights 15/16/17/18/19/20	A	B	13	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.89	N/A	N/A	94.7	500	✔	1.09	16.1	✔	N/A
9	Lights 11/12/13/14	D	B	19	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.99	N/A	N/A	101	500	✔	1.41	16.6	✔	N/A
10	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	LIM	N/A	N/A	667	500	N/A	N/A	N/A	N/A	N/A
11	Cooker	A	B	2	6	2.5	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.30	N/A	N/A	>999	500	✔	0.39	29.9	✔	N/A
12	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 7-2

Location of DB: 7th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 3L2) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.09) Ω I_{pf} (2.7) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,12,13,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 8 & 9 &10	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.1	N/A	N/A	N/A	0.33	N/A	N/A	>999	500	✔	0.55	28.1	✔	N/A
2	Sockets room 6 & 7	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.1	N/A	N/A	N/A	0.30	N/A	N/A	622	500	✔	0.35	27.7	✔	N/A
3	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.1	N/A	N/A	N/A	0.32	N/A	N/A	>999	500	✔	0.44	27.5	✔	N/A
4	Sockets room 4 & 5	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.1	N/A	N/A	N/A	0.31	N/A	N/A	128	500	✔	0.17	18.9	✔	N/A
5	Sockets room 1	D	B	2	2.5	2.5	0.4	61009	C	16	10	30	0.54	N/A	N/A	N/A	0.29	N/A	N/A	16.0	500	✔	0.39	28.5	✔	N/A
6	Sockets kitchen & hob spur	D	B	4	4	4	0.4	61009	C	32	10	30	0.54	0.28	0.24	0.28	0.17	N/A	N/A	12.0	500	✔	0.19	24.5	✔	N/A
7	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.25	0.26	0.29	0.14	N/A	N/A	81.5	500	✔	0.21	24.4	✔	N/A
8	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.38	N/A	N/A	121	500	✔	0.53	19	✔	N/A
9	Socket kitchen	D	B	1	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.40	N/A	N/A	>999	500	✔	0.33	19	✔	N/A
10	Hydro boil kitchen	D	B	2	4	4	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.30	N/A	N/A	>999	500	✔	0.42	18.9	✔	N/A
11	Lights 1/2/3/4 kitchen & bathroom	D	B	19	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.80	N/A	N/A	388	500	✔	2.12	18.8	✔	N/A
12	Lights 5/6/7/8/9/10	D	B	25	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.51	N/A	N/A	801	500	✔	1.73	18.9	✔	N/A
13	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	✔	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 7-1

Location of DB: 7th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 22L2) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.23) Ω I_{pf} (0.817) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 16/17	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.17	N/A	N/A	>999	500	✔	0.27	27.3	✔	N/A
2	Sockets room 18/19	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.18	N/A	N/A	>999	500	✔	0.35	27.9	✔	N/A
3	Sockets room 14/15	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.15	N/A	N/A	>999	500	✔	0.20	27.4	✔	N/A
4	Sockets room 11/12/13	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.18	N/A	N/A	>999	500	✔	0.34	27.7	✔	N/A
5	Sockets room 20	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.17	N/A	N/A	7.23	500	✔	0.30	27.8	✔	N/A
6	Sockets kitchen & hob spur	A	B	4	2.5	1.5	0.4	61009	C	32	10	30	0.54	1.38	1.38	2.28	0.94	N/A	N/A	>999	500	✔	0.22	27.3	✔	N/A
7	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	1.90	1.90	1.90	0.92	N/A	N/A	9.63	500	✔	0.17	28.1	✔	N/A
8	Lights 11/12/13/14	D	B	25	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.1	N/A	N/A	776	500	✔	1.73	18.1	✔	N/A
9	Lights 15/16/17/18/19/20	D	B	19	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.60	N/A	N/A	>999	500	✔	1.73	18.7	✔	N/A
10	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	N/A	N/A	N/A	N/A	N/A
11	Cooker	A	B	2	6	2.5	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.29	N/A	N/A	86.4	500	✔	0.51	19.1	✔	N/A
12	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 6-2

Location of DB: 6th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 3L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (N/A) Z_s (0.33) Ω I_{pf} (0.664) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing: 1,2,3,4,5,6,7,8,9,10,11,12,13,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 1	D	B	2	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.11	N/A	N/A	14.4	500	✔	0.31	27.2	✔	N/A
2	Sockets room 8 & 9 &10	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.18	N/A	N/A	>999	500	✔	0.32	27.4	✔	N/A
3	Sockets room 6 & 7	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.10	N/A	N/A	560	500	✔	0.30	27.8	✔	N/A
4	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.21	N/A	N/A	>999	500	✔	0.40	16.1	✔	N/A
5	Sockets room 4 & 5	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.15	N/A	N/A	162	500	✔	0.23	27.8	✔	N/A
6	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.13	0.16	0.15	0.10	N/A	N/A	933	500	✔	0.23	27.4	✔	N/A
7	Sockets kitchen & hob spur	D	B	4	4	4	0.4	61009	C	32	10	30	0.54	0.13	0.13	0.15	0.09	N/A	N/A	635	500	✔	0.20	24.8	✔	N/A
8	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.20	N/A	N/A	>999	500	✔	0.39	18.9	✔	N/A
9	Socket kitchen	D	B	1	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.10	N/A	N/A	>999	500	✔	0.30	16.9	✔	N/A
10	Hydro boil kitchen	D	B	2	4	4	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.39	N/A	N/A	>999	500	✔	0.59	16.8	✔	N/A
11	Lights 5/6/7/8/9/10	D	B	25	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.30	N/A	N/A	413	500	✔	1.50	16.4	✔	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	B	19	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.56	N/A	N/A	84.1	500	✔	1.74	16	✔	N/A
13	Light corridor	D	B	1	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.42	N/A	N/A	>999	500	✔	1.62	16.7	✔	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 6-1

Location of DB: 6th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 22L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.2) Ω I_{pf} (1.19) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,12,Neons, electronic equipment

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: FP200

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 18/19	D	B	2	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.19	N/A	N/A	>999	500	✔	0.41	27.7	✔	N/A
2	Sockets room 11/12/14	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.17	N/A	N/A	16.2	500	✔	0.50	27.8	✔	N/A
3	Sockets room 16/17	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.96	N/A	N/A	156	500	✔	1.23	28.1	✔	N/A
4	Sockets room 14/15	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.10	N/A	N/A	>999	500	✔	0.22	19.1	✔	N/A
5	Sockets room 20	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.13	N/A	N/A	>999	500	✔	0.36	27.1	✔	N/A
6	Sockets kitchen & hob spur	A	B	4	2.5	1.5	0.4	61009	C	32	10	30	0.54	1.23	1.22	2.00	0.84	N/A	N/A	>999	500	✔	0.31	27.6	✔	N/A
7	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	1.53	1.50	1.50	0.75	N/A	N/A	132	500	✔	0.20	27.4	✔	N/A
8	Lights 11/12/13/14	D	B	25	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.10	N/A	N/A	508	500	✔	1.41	18.9	✔	N/A
9	Lights 15/16/17/18/19/20	D	B	19	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.91	N/A	N/A	>999	500	✔	2.16	18.8	✔	N/A
10	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	LIM	N/A	N/A	>999	500	N/A	N/A	N/A	N/A	N/A
11	Fire alarm	O	C	2	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.29	N/A	N/A	>999	500	✔	0.53	18.2	✔	N/A
12	Cooker	A	B	2	6	2.5	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.31	N/A	N/A	>999	500	✔	0.53	18.9	✔	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 5-2

Location of DB: 5th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 2L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.21) Ω I_{pf} (0.987) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing: 1,2,3,4,5,6,7,8,9,10,11,12,13,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 8 & 9 &10	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.70	N/A	Lim	610	500	✔	0.84	27.5	✔	N/A
2	Sockets room 6 & 7	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.36	N/A	Lim	586	500	✔	0.45	29.4	✔	N/A
3	Sockets room 1	D	B	3	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.39	N/A	Lim	65	500	✔	0.51	30.4	✔	N/A
4	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.29	N/A	Lim	147	500	✔	0.40	31.2	✔	N/A
5	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.22	N/A	Lim	176	500	✔	0.29	23.6	✔	N/A
6	Sockets room 4 & 5	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.24	N/A	Lim	85	500	✔	0.31	33.7	✔	N/A
7	Sockets kitchen & hob spur	D	B	5	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.20	N/A	Lim	771	500	✔	0.29	29.8	✔	N/A
8	Sockets corridor	D	B	3	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.19	N/A	Lim	>999	500	✔	0.33	23.7	✔	N/A
9	Socket kitchen	D	B	1	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.29	N/A	Lim	>999	500	✔	0.41	18.2	✔	N/A
10	Hydro boil kitchen	D	B	2	4	4	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.30	N/A	Lim	297	500	✔	0.39	18.7	✔	N/A
11	Lights 5/6/7/8/9/10	D	B	24	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.79	N/A	Lim	94	500	✔	0.94	33.5	✔	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	B	15	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.77	N/A	Lim	88	500	✔	0.88	18.9	✔	N/A
13	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	LIM	N/A	Lim	197	500	N/A	Lim	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 5-1

Location of DB: 5th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 21L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.06) Ω I_{pf} (3.8) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 14/15	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.28	N/A	N/A	429	500	✔	0.39	28	✔	N/A
2	Sockets room 18/19	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.34	N/A	N/A	80	500	✔	0.45	29.3	✔	N/A
3	Sockets room 16/17	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.23	N/A	N/A	45.8	500	✔	0.35	28	✔	N/A
4	Sockets room 11/12/13	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.30	N/A	N/A	13.6	500	✔	0.64	27.9	✔	N/A
5	Sockets room 20	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.29	N/A	N/A	232	500	✔	0.40	27	✔	N/A
6	Sockets kitchen & hob spur	A	B	5	2.5	2.5	0.4	61009	C	32	10	30	0.54	0.24	0.24	0.21	0.13	N/A	N/A	959	500	✔	0.33	40	✔	N/A
7	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.43	0.45	0.43	0.18	N/A	N/A	437	500	✔	0.26	27	✔	N/A
8	Lights 11/12/13/14	D	B	25	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.91	N/A	N/A	293	500	✔	2.07	18.8	✔	N/A
9	Lights 15/16/17/18/19/20	D	B	19	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.84	N/A	N/A	442	500	✔	1.99	18.8	✔	N/A
10	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	N/A	N/A	N/A
11	Cooker	A	B	2	6	2.5	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.35	N/A	N/A	>999	500	✔	0.46	19	✔	N/A
12	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 4-2

Location of DB: 4th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 2L2) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.24) Ω I_{pf} (0.981) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,12,13,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 1	D	B	3	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.31	N/A	N/A	>999	500	✔	0.44	38.6	✔	N/A
2	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.25	N/A	N/A	561	500	✔	0.38	31.7	✔	N/A
3	Sockets room 6 & 7	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.20	N/A	N/A	644	500	✔	0.33	37.6	✔	N/A
4	Sockets room 8 & 9 &10	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.24	N/A	N/A	27.8	500	✔	0.37	39.7	✔	N/A
5	Sockets room 4 & 5	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.21	N/A	N/A	237	500	✔	0.33	18.4	✔	N/A
6	Sockets kitchen & hob spur	D	B	5	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.19	N/A	N/A	398	500	✔	0.31	18.1	✔	N/A
7	Sockets corridor	D	B	3	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.28	N/A	N/A	349	500	✔	0.41	29.6	✔	N/A
8	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.10	N/A	N/A	>999	500	✔	0.21	23.2	✔	N/A
9	Socket kitchen	D	B	1	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.26	N/A	N/A	499	500	✔	0.39	18.6	✔	N/A
10	Hydro boil kitchen	D	B	2	4	4	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.20	N/A	N/A	510	500	✔	0.29	18.6	✔	N/A
11	Lights 5/6/7/8/9/10	D	B	13	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.98	N/A	N/A	248	500	✔	1.44	37.6	✔	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	B	11	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.94	N/A	N/A	546	500	✔	1.27	33.3	✔	N/A
13	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 4-1

Location of DB: 4th floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 21L2) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.11) Ω I_{pf} (2.19) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 20	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.18	N/A	N/A	657	500	✔	0.32	27.5	✔	N/A
2	Sockets room 16/17	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.18	N/A	N/A	156	500	✔	0.32	27.4	✔	N/A
3	Sockets room 14/15	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.10	N/A	N/A	752	500	✔	0.27	27.6	✔	N/A
4	Sockets room 11/12/13	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.28	N/A	N/A	574	500	✔	0.42	18.9	✘	N/A
5	Sockets room 18/19	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.27	N/A	N/A	220	500	✔	0.41	19	✘	N/A
6	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.44	0.47	0.40	0.20	N/A	N/A	6.15	500	✔	0.24	27.9	✔	N/A
7	Sockets kitchen & hob spur	A	B	5	2.5	1.5	0.4	61009	C	32	10	30	0.54	0.56	0.57	0.93	0.35	N/A	N/A	>999	500	✔	0.29	40	✔	N/A
8	Lights 11/12/13/14	D	B	25	1.5	1.5	0.4	61009	C	10	10	N/A	1.74	N/A	N/A	N/A	0.72	N/A	N/A	409	500	✔	0.96	19	✔	N/A
9	Lights 15/16/17/18/19/20	D	B	19	1.5	1.5	0.4	61009	C	10	10	N/A	1.74	N/A	N/A	N/A	1.4	N/A	N/A	4.91	500	✔	1.67	10.3	✔	N/A
10	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	N/A	N/A	N/A	N/A	N/A
11	Cooker	A	B	2	6	2.5	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.39	N/A	N/A	365	500	✔	0.50	18.9	✔	N/A
12	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 3-2

Location of DB: 3rd floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 2L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.24) Ω I_{pf} (0.954) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,12,13,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 1	D	B	2	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.33	N/A	N/A	84.4	500	✔	0.49	29.6	✔	N/A
2	Sockets room 6 & 7	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.39	N/A	N/A	141	500	✔	0.54	31.3	✔	N/A
3	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.27	N/A	N/A	37.4	500	✔	0.40	35.6	✔	N/A
4	Sockets room 4 & 5	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.23	N/A	N/A	249	500	✔	0.41	24.8	✔	N/A
5	Sockets room 8 & 9 &10	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.48	N/A	N/A	768	500	✔	0.64	28.1	✔	N/A
6	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.23	0.23	0.25	0.11	N/A	N/A	179	500	✔	0.69	34	✔	N/A
7	Sockets kitchen & hob spur	D	B	5	4	4	0.4	61009	C	32	10	30	0.54	0.17	0.18	0.18	0.10	N/A	N/A	225	500	✔	0.25	40	✔	N/A
8	Socket kitchen	D	B	1	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.17	N/A	N/A	>999	500	✔	0.25	30.7	✔	N/A
9	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.19	N/A	N/A	946	500	✔	0.35	18.9	✔	N/A
10	Hydro boil kitchen	D	B	2	4	4	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.12	N/A	N/A	>999	500	✔	0.27	19	✔	N/A
11	Lights 5/6/7/8/9/10	D	B	13	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.79	N/A	N/A	252	500	✔	0.96	29.8	✔	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	B	11	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.69	N/A	N/A	212	500	✔	0.84	33.1	✔	N/A
13	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 3-1

Location of DB: 3rd floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 21L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

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

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	(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)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 20	D	B	3	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.41	N/A	N/A	141	500	✔	0.49	30.4	✔	N/A
2	Sockets room 18/19	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.30	N/A	N/A	34.8	500	✔	0.38	31.4	✔	N/A
3	Sockets room 16/17	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.26	N/A	N/A	153	500	✔	0.32	29.7	✔	N/A
4	Sockets room 14/15	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.33	N/A	N/A	712	500	✔	0.41	28.7	✔	N/A
5	Sockets room 11/12/13	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.49	N/A	N/A	242	500	✔	0.57	18.8	✔	N/A
6	Sockets kitchen & hob spur	A	B	5	2.5	1.5	0.4	61009	C	32	10	30	0.54	0.37	0.37	0.64	0.30	N/A	N/A	344	500	✔	0.38	18.4	✔	N/A
7	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.27	0.27	0.27	0.15	N/A	N/A	131	500	✔	0.33	22.9	✔	N/A
8	Lights 15/16/17/18/19/20	D	B	14	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.07	N/A	N/A	205	500	✔	1.15	38.4	✔	N/A
9	Lights 11/12/13/14	D	B	10	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.86	N/A	N/A	198	500	✔	0.94	36.8	✔	N/A
10	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	LIM	N/A	N/A	>999	500	N/A	N/A	N/A	N/A	N/A
11	Cooker	A	B	2	6	2.5	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.21	N/A	N/A	968	500	✔	0.29	20.3	✔	N/A
12	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 2-2

Location of DB: 2nd floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 1L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.08) Ω I_{pf} (2.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,12,13,Lamps,Neons,RCBOs,, Electronic Equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.19	N/A	N/A	295	500	✔	0.35	28.8	✔	N/A
2	Sockets room 1	D	B	2	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.27	N/A	N/A	23.7	500	✔	0.50	27.8	✔	N/A
3	Sockets room 4 & 5	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.17	N/A	N/A	24.9	500	✔	0.30	27.5	✔	N/A
4	Sockets room 6 & 7	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.12	N/A	N/A	>999	500	✔	0.46	27.4	✔	N/A
5	Sockets room 8 & 9 &10	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.19	N/A	N/A	147	500	✔	0.56	28.9	✔	N/A
6	Sockets kitchen & hob spur	D	B	4	4	4	0.4	61009	C	32	10	30	0.54	0.54	0.52	0.54	0.27	N/A	N/A	65.0	500	✔	0.24	28.1	✔	N/A
7	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.54	0.52	0.52	0.25	N/A	N/A	112	500	✔	0.20	27.5	✔	N/A
8	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.18	N/A	N/A	26.6	500	✔	0.31	27.2	✔	N/A
9	Socket kitchen	D	B	1	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.27	N/A	N/A	26.2	500	✔	0.57	18.8	✔	N/A
10	Hydro boil kitchen	D	B	2	4	4	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.16	N/A	N/A	25.4	500	✔	0.49	18.4	✔	N/A
11	Lights 5/6/7/8/9/10	D	B	25	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.98	N/A	N/A	26.9	500	✔	1.98	18.9	✔	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	B	19	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.01	N/A	N/A	27.6	500	✔	1.47	18.9	✔	N/A
13	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 2-1

Location of DB: 2nd floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 20L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.34) Ω I_{pf} (1.56) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,7,8,9,10,11,Lamps,Neons,RCBOs,, Electronic Equipment,

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Sockets room 18/19	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.34	N/A	N/A	253	500	✔	0.48	37.6	✔	N/A
2	Sockets room 16/17	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.21	N/A	N/A	110	500	✔	0.36	30.8	✔	N/A
3	Sockets room 14/15	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.31	N/A	N/A	137	500	✔	0.46	27.8	✔	N/A
4	Sockets room 11/12/13	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.46	N/A	N/A	265	500	✔	0.61	26.9	✔	N/A
5	Sockets kitchen & hob spur	A	B	7	2.5	1.5	0.4	61009	C	32	10	30	0.54	0.32	0.33	0.56	0.21	N/A	N/A	279	500	✔	0.29	18.9	✔	N/A
6	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Lights 11/12/13/14	D	B	8	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.89	N/A	N/A	279	500	✔	1.06	31.7	✔	N/A
8	Lights 15/16/17/18/19/20	D	B	12	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.94	N/A	N/A	17.0	500	✔	1.20	34.2	✔	N/A
9	Unknown	D	B	N/A	1.5	1.5	0.4	60898	C	10	10	N/A	1.74	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	N/A	N/A	N/A	✔	N/A
10	Cooker	A	B	2	6	2.5	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.19	N/A	N/A	681	500	✔	0.31	23.6	✔	N/A
11	Sockets office	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	0.33	0.31	0.31	0.16	N/A	N/A	61.0	500	✔	0.39	18.8	✔	N/A
12	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 1-2

Location of DB: 1st floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 20L2) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.12) Ω I_{pf} (1.98) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,12,13,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets room 1	D	B	3	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.37	N/A	N/A	384	500	✔	0.57	27.2	✔	N/A
2	Sockets room 2 & 3	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.20	N/A	N/A	47.3	500	✔	0.37	28.3	✔	N/A
3	Sockets room 4 & 5	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.14	N/A	N/A	849	500	✔	0.28	27.7	✔	N/A
4	Sockets room 6 & 7	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.21	N/A	N/A	925	500	✔	0.42	27.6	✔	N/A
5	Sockets room 8 & 9 &10	D	B	6	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.41	N/A	N/A	530	500	✔	0.60	27.7	✔	N/A
6	Sockets kitchen & hob spur	D	B	5	4	4	0.4	61009	C	32	10	30	0.54	0.23	0.23	0.26	0.13	N/A	N/A	9.31	500	✔	0.37	27.2	✔	N/A
7	Sockets corridor	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	0.21	0.21	0.19	0.12	N/A	N/A	6.72	500	✔	0.26	27.5	✔	N/A
8	Socket kitchen	D	B	1	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.14	N/A	N/A	>999	500	✔	0.32	18.9	✔	N/A
9	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.28	N/A	N/A	>999	500	✔	0.47	18.9	✔	N/A
10	Hydro boil kitchen	D	B	2	4	4	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.28	N/A	N/A	>999	500	✔	0.47	19	✔	N/A
11	Lights 1/2/3/4 kitchen & bathroom	D	B	16	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.76	N/A	N/A	272	500	✔	2.06	18.7	✔	N/A
12	Lights 5/6/7/8/9/10	D	B	18	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.94	N/A	N/A	206	500	✔	1.26	18.8	✔	N/A
13	light corridor	D	B	1	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	✔	0.77	18.9	✔	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 1-1

Location of DB: 1st floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 1L2) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.17) Ω I_{pf} (1.32) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,12,13,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets kitchen	D	B	3	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.37	N/A	N/A	329	500	✔	0.60	40	✔	N/A
2	Sockets room 7/8	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.50	N/A	N/A	>999	500	✔	0.73	29.9	✔	N/A
3	Sockets kitchen dado	D	B	4	4	4	0.4	61009	C	32	10	30	0.54	0.26	0.26	0.29	0.10	N/A	N/A	235	500	✔	0.25	18.3	✔	N/A
4	Sockets corridor	D	B	3	4	4	0.4	61009	C	32	10	30	0.54	0.50	0.51	0.48	0.25	N/A	N/A	16.8	500	✔	0.50	19	✔	N/A
5	Lights mail room	D	B	4	1.5	1.5	0.4	61009	B	6	6	30	5.82	N/A	N/A	N/A	0.31	N/A	N/A	0.10	500	✔	0.54	18.9	✔	N/A
6	Lights 6/7/8/kitchen	D	B	9	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.49	N/A	N/A	0.04	500	✔	1.72	18.9	✔	N/A
7	Cooker	D	B	2	4	4	0.4	61009	C	32	10	30	0.54	N/A	N/A	N/A	0.10	N/A	N/A	>999	500	✔	0.33	18.8	✔	N/A
8	Unknown	D	B	N/A	4	4	0.4	60898	C	20	10	N/A	0.87	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	N/A	N/A	N/A	N/A	N/A
9	spur back door	D	B	1	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.46	N/A	N/A	>999	500	✔	0.69	18.7	✔	N/A
10	TAC panel - plant room	F	B	1	2.5	2.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.31	N/A	N/A	>999	500	✔	0.54	18.9	✔	N/A
11	Mech panel - plant room locked out	F	B	1	6	6	5	60898	C	32	10	N/A	0.54	N/A	N/A	N/A	0.13	N/A	N/A	>999	500	✔	0.36	N/A	N/A	N/A
12	spur by DBG-1	A	C	1	2.5	2.5	0.4	61009	B	10	6	30	3.49	N/A	N/A	N/A	0.26	N/A	N/A	>999	500	✔	0.49	18.8	✔	N/A
13	Washing machines - kitchen	A	C	2	4	4	0.4	61009	B	32	6	30	1.08	N/A	N/A	N/A	0.17	N/A	N/A	645	500	✔	0.40	18.8	✔	N/A
14	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 G-2

Location of DB: ground floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 1L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.23) Ω I_{pf} (1.01) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

Original (to the person ordering the work)

ICN / ~~XXX~~ : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

(Delete as appropriate)

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,Neons, electronic equipment

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	Maximum permitted Z_s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z_s	RCD operating time	Test buttons	
					Live (mm^2)	cpc (mm^2)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r_1	(Neutral) r_n	(cpc) r_2	All circuits (complete at least one column) (R_1+R_2)	R_2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	(✓)	(Ω)	(ms)	RCD (✓)	AFDD (✓)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	3	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
1	Sockets corridor/cupboard/reception	D	B	4	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.15	N/A	N/A	9.89	500	✔	0.6	28.4	✔	N/A
2	Sockets room 1/2/3/4	D	B	16	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.20	N/A	N/A	668	500	✔	0.42	28	✔	N/A
3	Sockets plant/switcher/workshop	D	B	13	4	4	0.4	61009	C	32	10	30	0.54	0.39	0.39	0.40	0.18	N/A	N/A	>999	500	✔	0.33	24.5	✔	N/A
4	Sockets kitchen area	A	B	7	2.5	1.5	0.4	61009	C	32	10	30	0.54	0.51	0.51	0.85	0.35	N/A	N/A	>999	500	✔	0.27	>40	✔	N/A
5	Sockets reception/foyer/office	D	B	22	2.5	1.5	0.4	61009	C	32	10	30	0.54	0.65	0.68	1.09	0.45	N/A	N/A	>999	500	✔	0.34	28.5	✔	N/A
6	Lights comms/1/2/3/4/stores	D	B	17	1.5	1.5	0.4	61009	C	10	6	30	1.74	N/A	N/A	N/A	1.20	N/A	N/A	>999	500	✔	1.33	18.9	✔	N/A
7	Lights toilets & kitchen	D	B	5	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.49	N/A	N/A	>999	500	✔	0.86	18.9	✔	N/A
8	mag door locks	D	B	2	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.33	N/A	N/A	>999	500	✔	0.74	18.8	✔	N/A
9	lights foyer outside lift area	D	B	4	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.00	N/A	N/A	>999	500	✔	1.29	19.1	✔	N/A
10	lights office area & emergency	D	B	12	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	1.29	N/A	N/A	967	500	✔	1.56	18.9	✔	N/A
11	lights plant/work/boiler	D	B	9	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.20	N/A	N/A	3.40	500	✔	0.46	18.8	✔	N/A
12	lights foyer/offices/em/test panel	D	B	18	1.5	1.5	0.4	61009	C	10	10	30	1.74	N/A	N/A	N/A	0.32	N/A	N/A	461	500	✔	0.74	18.6	✔	N/A
13	power for auto doors	A	C	1	2.5	1.5	0.4	61009	C	20	10	30	0.87	N/A	N/A	N/A	0.19	N/A	N/A	>999	N/A	✔	0.41	18.1	✔	N/A
14	data cabnet in boiler room	F	C	1	2.5	2.5	0.4	61009	C	16	10	30	1.08	N/A	N/A	N/A	0.19	N/A	N/A	361	500	✔	0.41	18.9	✔	N/A
15	sockets office area	D	B	22	4	4	0.4	61009	C	32	10	30	0.54	0.56	0.55	0.55	0.25	N/A	N/A	259	N/A	✔	0.18	28.4	✔	N/A
16	Spur ntl room/ups unit	D	B	1	1.5	1.5	0.4	60898	C	20	10	N/A	0.87	N/A	N/A	N/A	N/A	N/A	N/A	414	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 G-1

Location of DB: ground floor

TESTED BY

Name (capitals): GRAYSON RICHARDS

Position: Electrician

Signature: [signature]

Date: 04/10/2022

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

Supply to DB is from: (Main Panel Board - 1L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (63) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2) $I_{\Delta n}$ (N/A) mA Operating time (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (✔) Phase sequence confirmed (where appropriate): (NA) Z_s (0.27) Ω I_{pf} (0.842) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (1008121101865459)

Continuity: (N/A)

Insulation resistance: (N/A)

Earth fault loop impedance: (N/A)

Earth electrode resistance: (N/A)

RCD: (N/A)

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (✓) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: (N/A)

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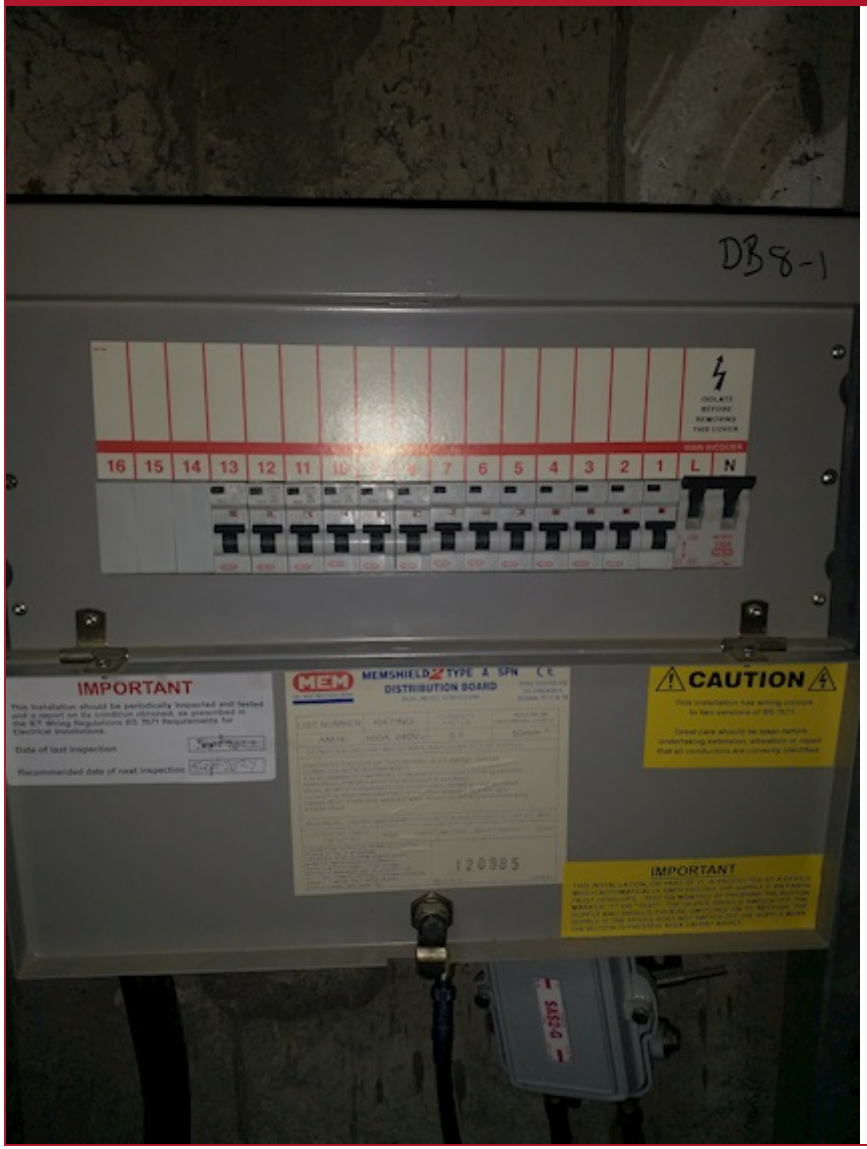

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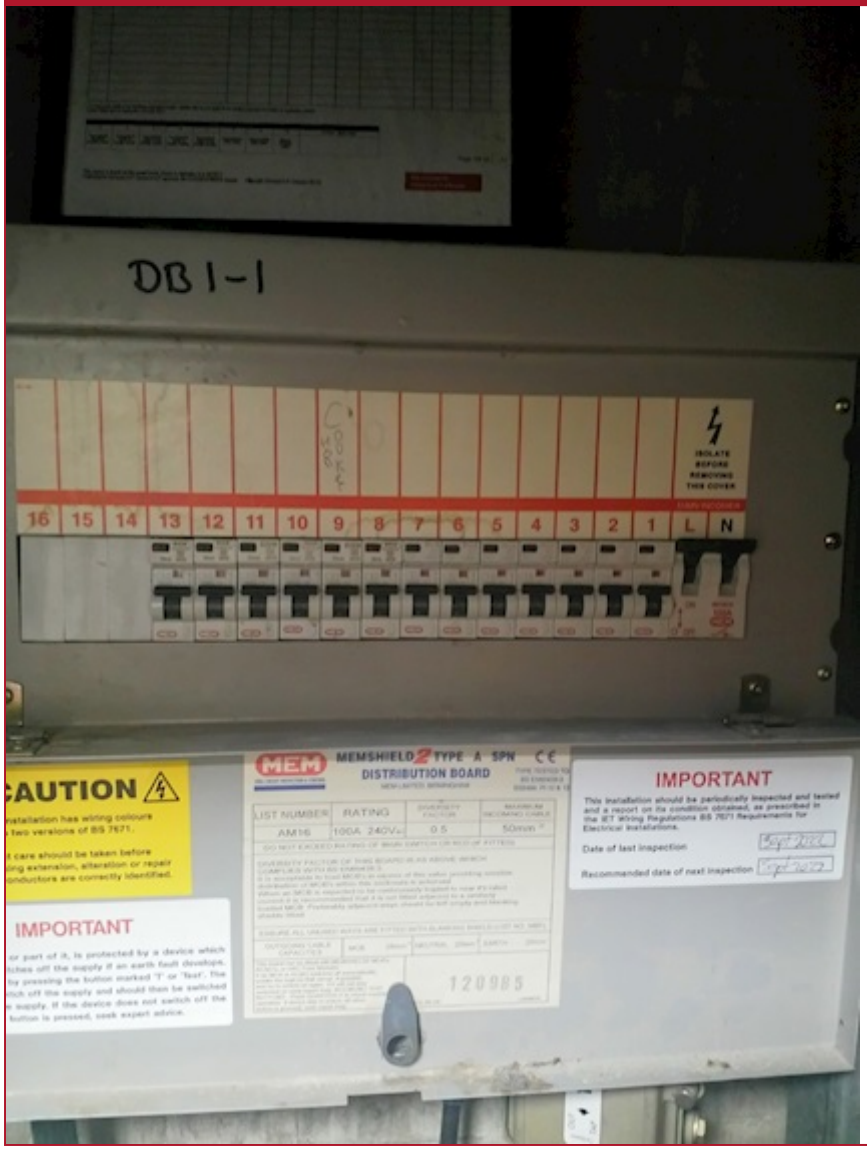

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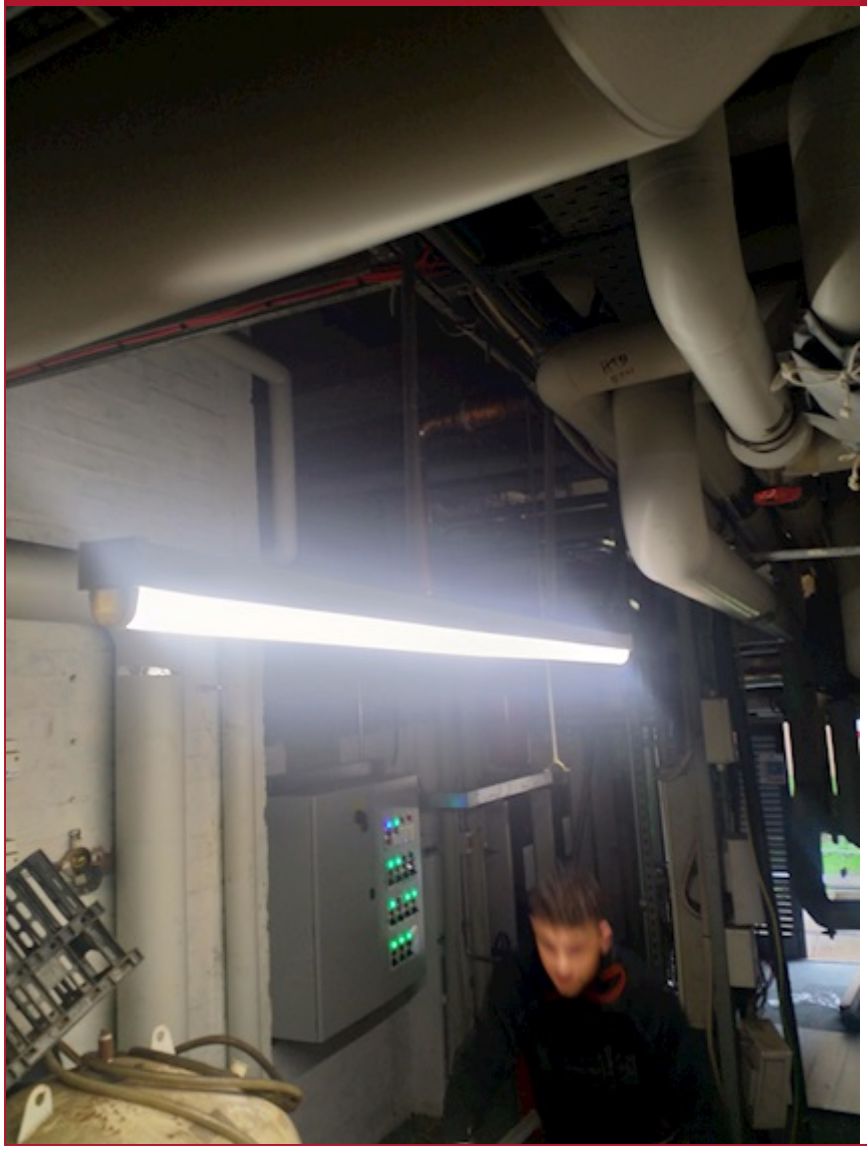

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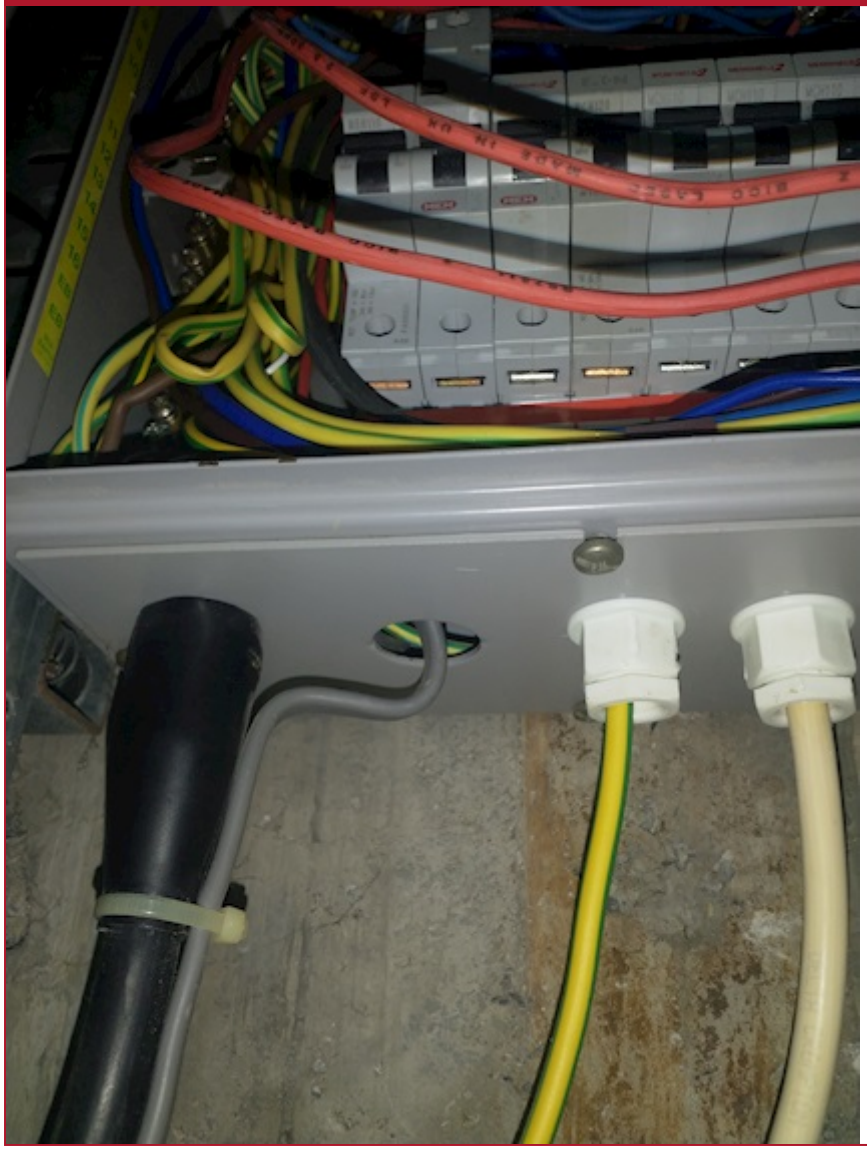

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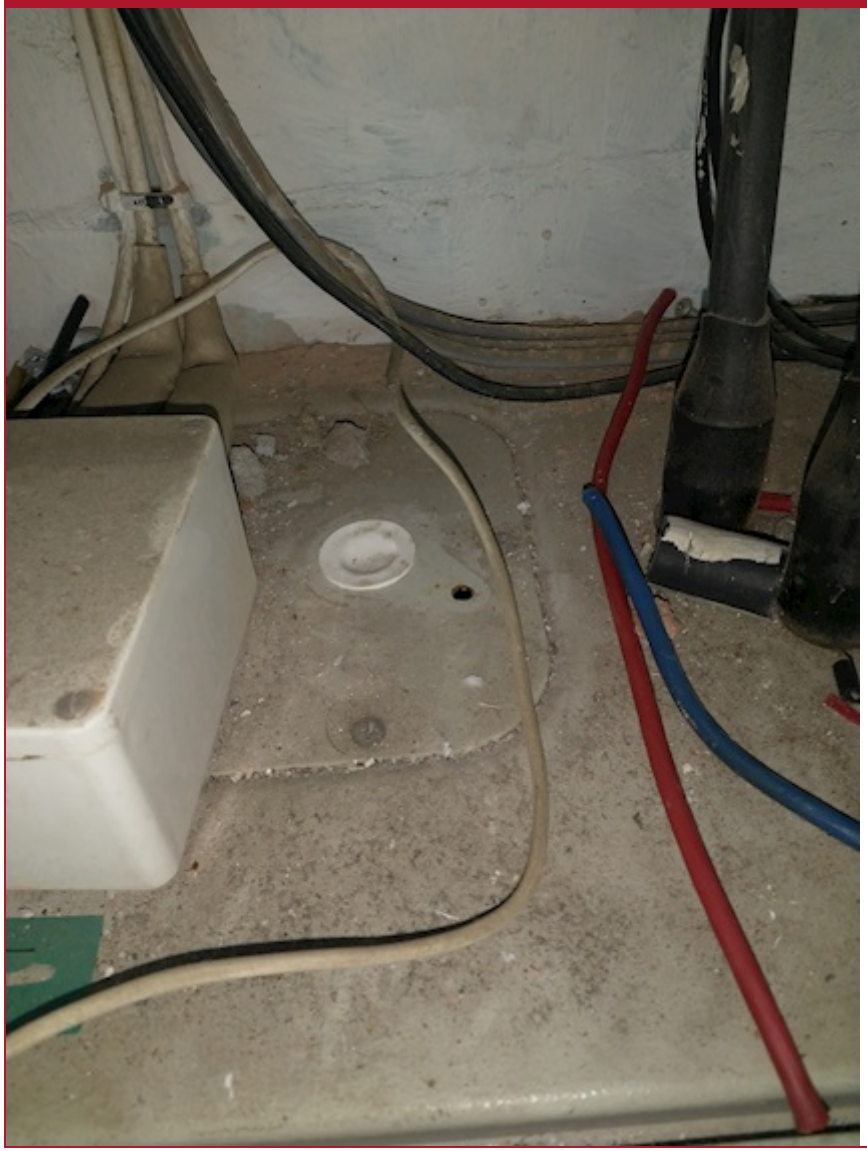

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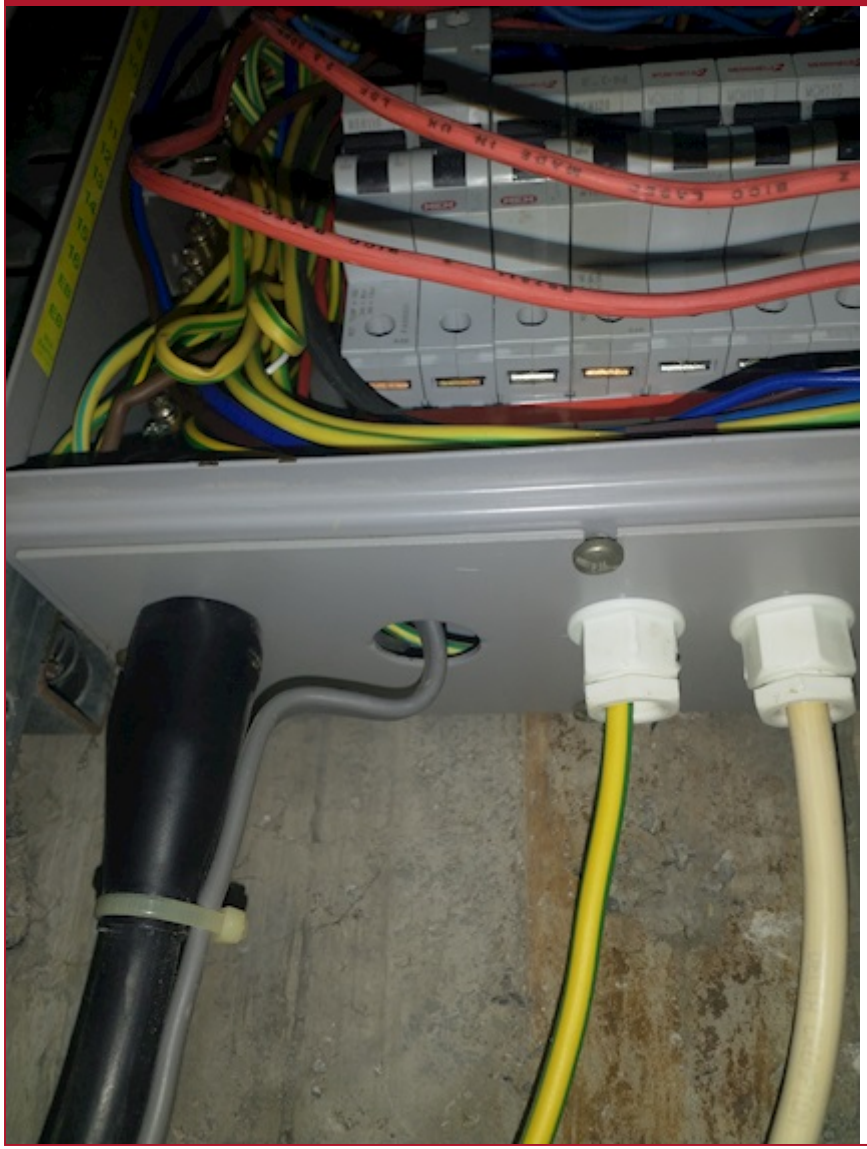

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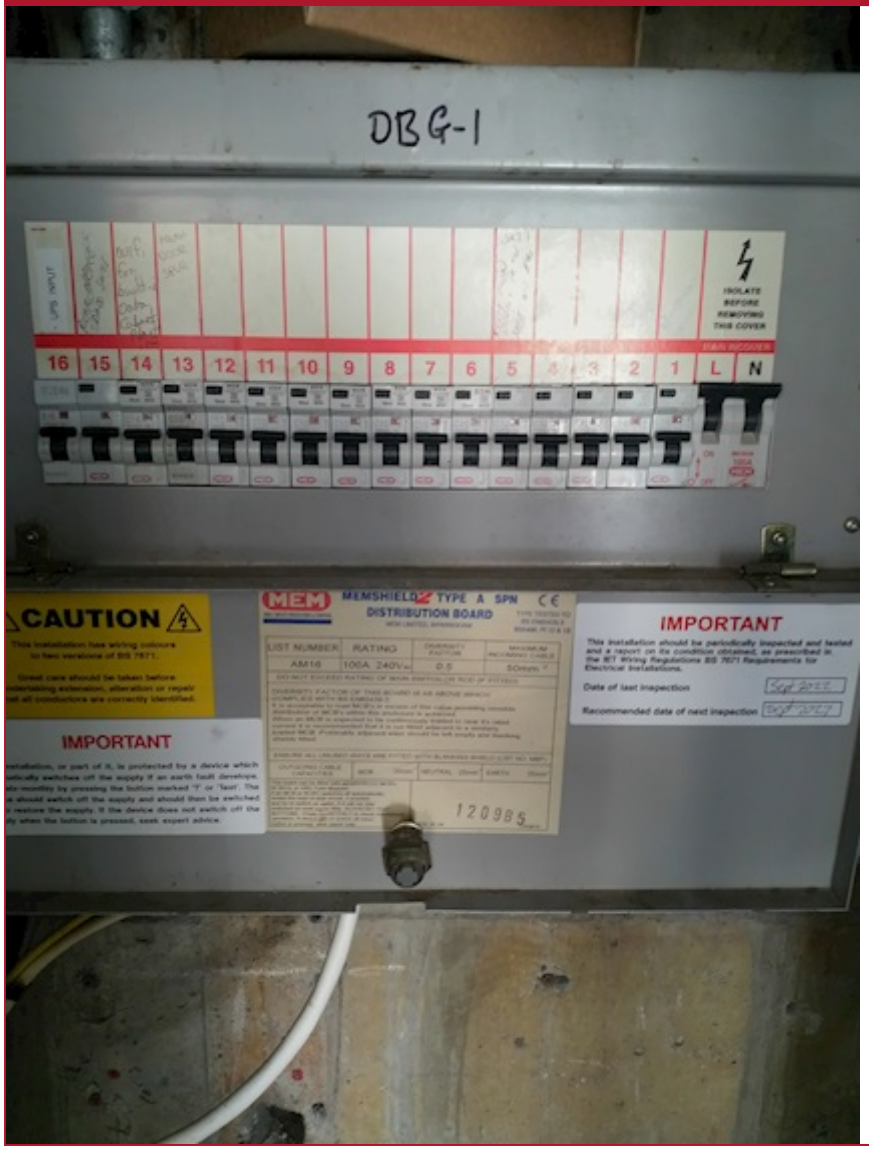

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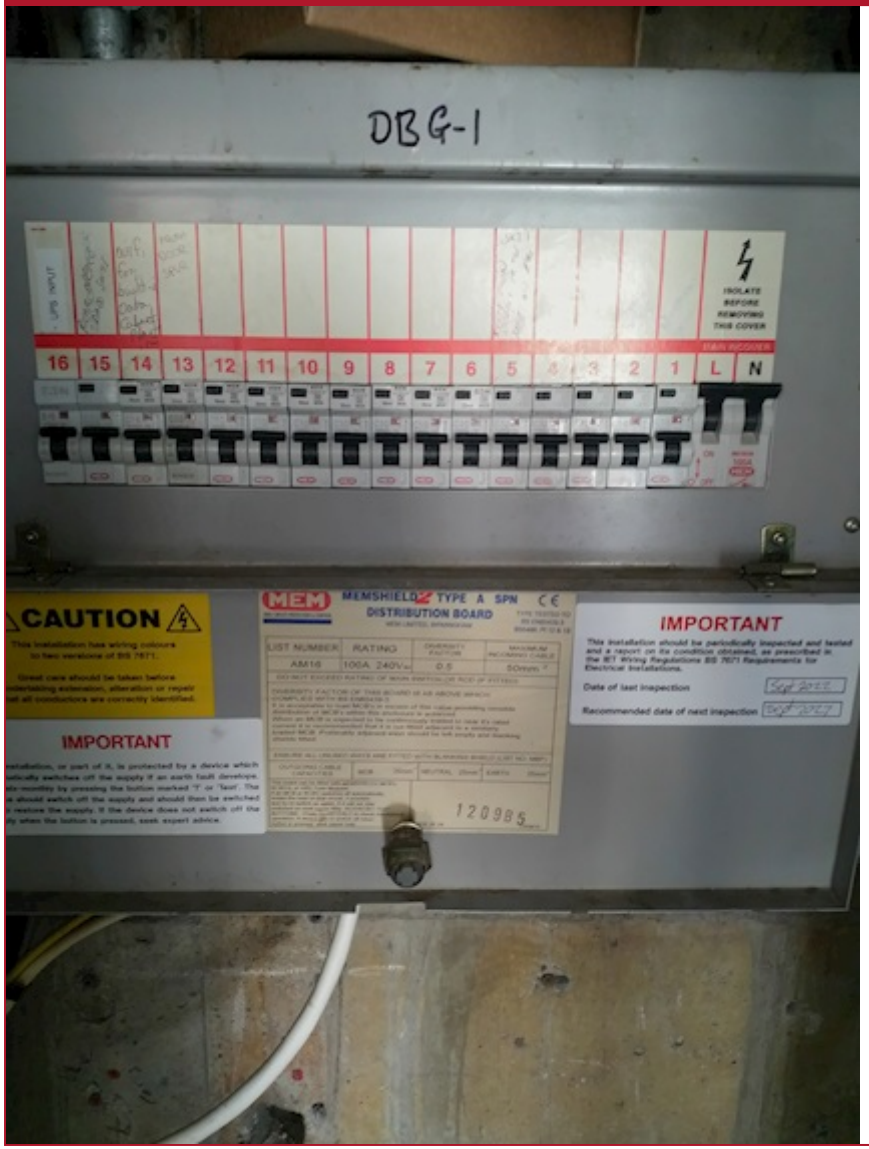

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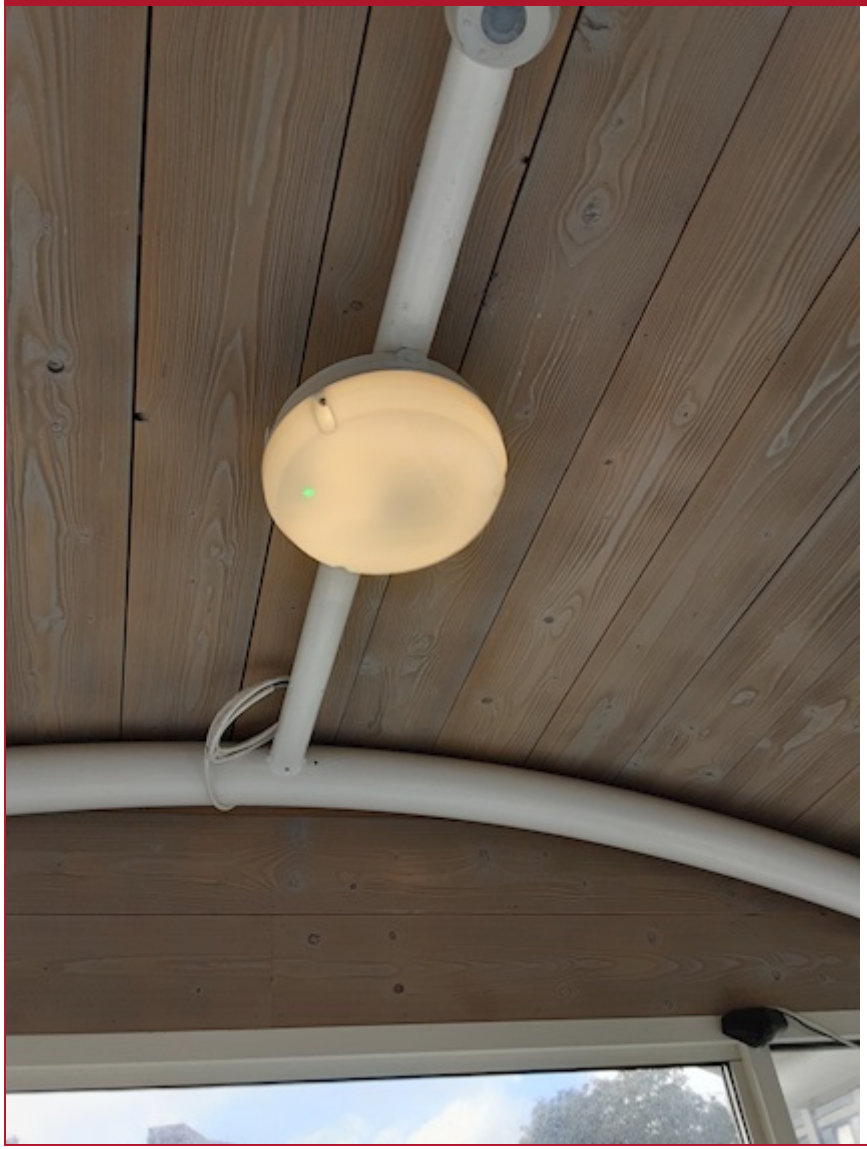

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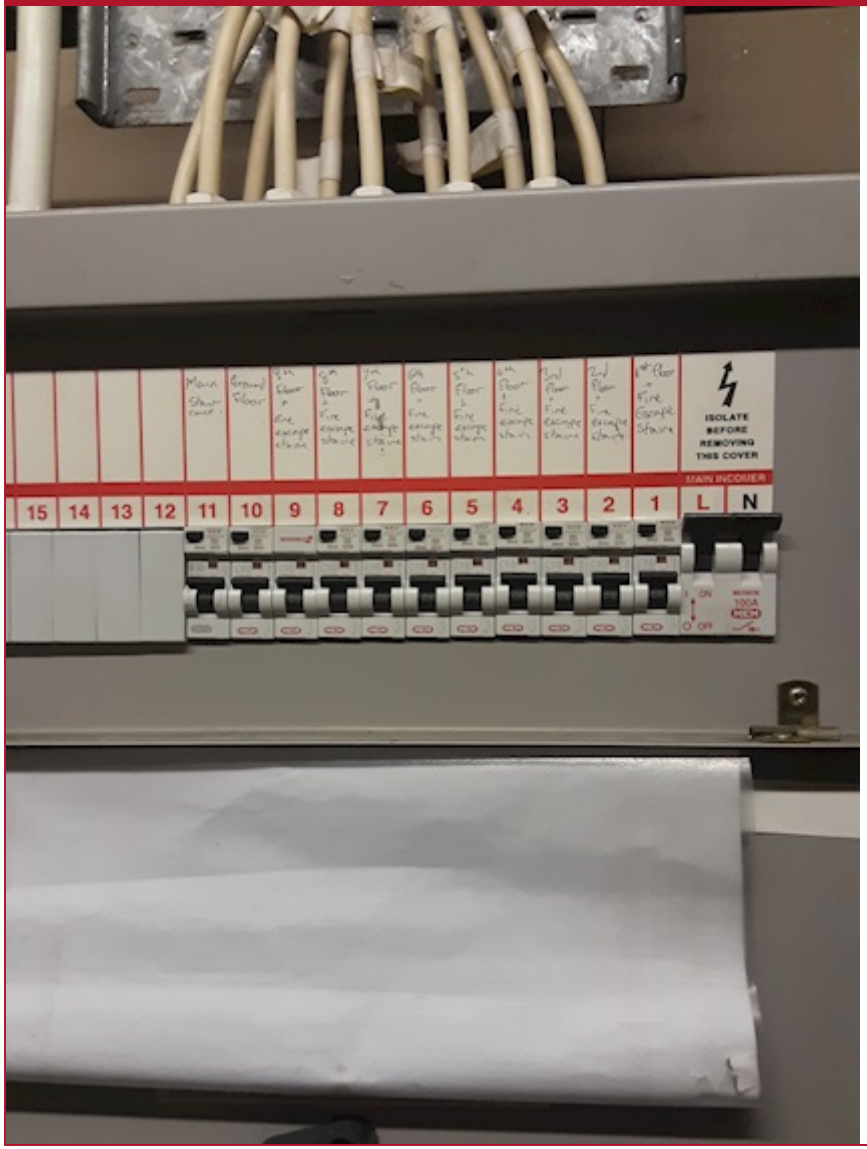

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NOTES FOR RECIPIENT

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 Contractor to which it was supplied.

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**

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