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ICN18C

ELECTRICAL INSTALLATION CERTIFICATE

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

Please see the 'Notes for Recipient'

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTAL	LATION	
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): 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 TH	IS INSTALLATION CERTIFICATE	
The installation is – Rectify observations New: (N/A) An addition: () An alteration: ()	of the installation covered by this certificate: from EICR Where nec	
PART 3 : NEXT INSPECTION OF THE ELECTRICAL INSTALLATIO	N	
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 int	erval of not more than: 5 years/17667678*** (delete as appropriate)
PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATION	NORK (this option may be used where the design, construction, inspection & t	testing have been the responsibility of one person)
additionally where this certificate applies to an addition or alteration, having c	sting of the electrical installation, particulars of which are described in PART 2, h onfirmed that the safety of the existing installation is not impaired, hereby CERTI <i>1671: 2018</i> , amended to <u>2022</u> (date) except for the departures, if any, de : (<u>N/A</u>) Page No(s) (<u>N/A</u>) • Where selectivity is requ	FY that the design, construction, inspection and testing for which I have been
REVIEWED BY QUALIFIED SUPERVISOR		
Name (capitals):	Signature:	06/10/2022 Date:
*Where applicable ** The proposed date for the next inspection should take into conside The period should be agreed between relevant parties.	eration any legislative or licensing requirements and the frequency and quality of maintenance th	nat the installation can reasonably be expected to receive during its intended life.
This certificate is based on the model forms shown in Appendix 6 of BS 7671		

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PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be c	completed where different parties are responsible for the desig	n, 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 applies to an addition or alteration, having confirmed that the safety of the existing installation accordance with <i>BS 7671: 2018</i> , amended to 2022(date) except for the departures, if ar	n is not impaired, hereby CERTIFY that the design work for which	n l/we have been responsible is to the best of my/our knowledge and belief in
• Permitted exception applied (411.3.3) XVes/NA Risk assessment attached: ()	Page No(s) (N/A • Where selectivity is red	quired, details of the verification appended (536.4): (N/A) Page No(s) (N/A)
DESIGNER 1 Name (capitals): GRAYSC	DN RICHARDS 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	n PART 2)	
I, being the person responsible for the construction of the electrical installation, particulars of work for which I have been responsible is, to the best of my knowledge and belief, in accordat (Regulations 120.3 and 133.5).	nce with <i>BS 7671: 2018</i> , amended to <u>2022</u>	or the departures, if any, detailed on attached page(s) (N/A)
Name (capitals): GRAYSON RICHARDS		Date: 04/10/2022
INSPECTION & TESTING (The extent of liability of the signatories is limited to the work	k detailed in PART 2)	
I, being the person responsible for the inspection and testing of the electrical installation, particu that the said work for which I have been responsible is, to the best of my knowledge and belief, i (Regulations 120.3 and 133.5).	ulars of which are described in PART 2, having exercised reasona in accordance with <i>BS 7671: 2018</i> , amended to .2022	able skill and care when carrying out the inspection and testing, hereby CERTIFY) except for the departures, if any, detailed on attached page(s) ($\frac{N/A}{\dots}$)
Name (capitals): GRAYSON RICHARDS	Signature:	Date: 04/10/2022
REVIEWED BY QUALIFIED SUPERVISOR		
Name (capitals):	Signature:	Date: 06/10/2022
PART 5 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addit	tion or alteration see Regulation 644.1.2)	
As per EICR		
		ecessary, continue on a separate numbered page: Page No(s) (
Where the electrical work to which this certificate relates includes the installation of a fire alar		

particular certificate(s) for the system(s).



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RCD rated residual operating current, $I_{\Delta n}$:

Measured operating time: (N/A....) ms

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PART 6 : DETAILS OF THE ORGANISA	TION(S) RESPONSIBLE FOR THE ELECT	RICAL INSTALLATION (signatures of which are	e in PART 4)		
DESIGN, CONSTRUCTION, INSPECTION & TESTING, Andrew Dauria Solutions Organisation: Limited T/A AD Gas. Registration No [*] : 609526000 Branch No [*] : 000 Address ¹ 97 Neath Road, Landore Swansea West Glamorgan	DESIGN DESIGNER 1 Andrew D'auria Solutions Organisation: Limited T/A AD Gas Registration No*: 609526000 Branch No*: 000 Address: 197 Neath Road, Landore Swansea West Glamorgan	DESIGNER 2 Organisation: N/A Registration No*: N/A Branch No*: N/A Address:	CONSTRUCTION Andrew D'auria Solutions Organisation: Limited T/A AD Gas Registration No*: 609526000 Branch No*: 000 Address: 197 Neath Road, Landore Swansea West Glamorgan	INSPECTION & TESTIN Andrew D'auria Organisation: Limited T/A AD Registration No*: 609526000 Branch No*: 000 Address: 197 Neath Road, I Swansea West Glamorgan	Solutions Gas) _andore
Postcode: SA1 2JT Tel No: 01792701074	Postcode: SA1 2JT Tel No: 01792701074	Postcode:	Postcode: SA1 2JT Tel No: 01792701074	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: () Other (state): N/A Supply protective device (BS (EN) LIM Type: (N/A)	TT: () AC DC) Confirmation	3-phase, 3-wire: (N/A) 3-phase, 4	Image: N/A Nature of supply parameters Image: Nowinal line voltage, U (1): Image: Nowinal line voltage to Earth, Image: Nowinal line voltage to Earth,	(415) V , U ₀ ⁽¹⁾ : (230) V (50) Hz ^{(1)**} : (1.4) kA	⁽¹⁾ By enquiry, measurement, c by calculation
PART 8 : PARTICULARS OF INSTALL	ATION REFERRED TO IN THIS CERTIFIC	CATE			
Maximum demand (load): (<u>N/A</u>) XVA / A (delete as appropriate) Means of Earthing Distributor's facility: () Installation earth electrode: (<u>N/A</u>)) Structural steel: (NA Oil installation pipes: (NA)	Main switch / Switch-fuse / Circuit-breaker / Type: (BS (EN) 60947-2 Location: (Main Panel Board No. of poles: (3) Current rating: (400) A	/ RCD) Rating / setting of device: Voltage rating:	(<mark>///A)</mark> A (1 00) V
Where an earth electrode is used insert Type – rod(s), tape, etc: (None)	Main protective bonding conductors: (material Copper	Lightning protection: ()) Other (state): N/A	Where an RCD is used as the main switch RCD rated residual operating current, $I_{\Delta n}$:		(<mark>N/A</mark>) mA

*Where applicable

Location: (N/A

Electrode resistance to Earth:

.....)

(N/A (.....)Ω

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

Connection / continuity verified:

Other *(state)*: N/A

Enter a (🗸) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A This certificate is based on the model forms shown in Appendix 6 of BS 7671 Certsure LLP operates the NICEIC & ELECSA brands @ Copyright Certsure LLP (July 2018) Published by Certsure LLP Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX

Rated time delay:

(N/A) ms



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PA	RT 9 : SCHEDULE OF ITEMS INSPECTED – continues	on next	oage			
1. Ex	xternal condition of electrical intake equipment (visual inspecti	on only)	3.3 FELV – requirements satisfied:	(N/A)	7.15 Indication of SPD(s) continued functionality confirmed:	(N/A)
1.1	Service cable: () 1.2 Service head:	()	3.4 Reduced low voltage – requirements satisfied:	(<u>N/A</u>)	7.16 Selection of protective devices(s) and base(s);	· • ·
1.3	Earthing arrangement: () 1.4 Meter tails:	()	4. Additional protection		correct type and rating:	()
	Metering equipment: () 1.6 Isolator (where present):	()	4.1 The presence and effectiveness of additional protection methods		7.17 Single-pole protective devices in line conductors only:	()
2. Pa	arallel or switched alternative sources of supply		used, as follows:		7.18 Protection against mechanical damage where	
	Presence of adequate arrangements where generator to operat	te		()	cables enter equipment:	()
2	as a switched alternative:		b) Supplementary bonding	(N/A)	7.19 Protection against electromagnetic effects where cables enter ferromagnetic enclosures:	(/)
	a) Dedicated earthing arrangement independent of that of	, N/Α ,	5. Basic protection (<i>‡</i> For use in controlled / supervised conditions only)		7.20 Confirmation that ALL conductor connections, including	(,
	the public supply	()	5.1 Presence and adequacy of protective measures to provide basic pr		connections to busbars, are correctly located in terminals	· · ·
Z.Z	Presence of adequate arrangements where generator to operate in parallel with public supply:			()	and are tight and secure:	()
	a) Correct connection of generator in parallel	(N/A)	b) Barriers or enclosures	()	7.21 Presence of RCD six-monthly test notice, where required:	()
	b) Compatibility of characteristics of means of generation	(N/A)	c) Obstacles ‡	()	7.22 Presence of diagrams, charts or schedules at or near each distribution board, where required:	
	c) Means to provide automatic disconnection of generator in		d) Placing out of reach ‡	()	7.23 Presence of next inspection recommendation label:	(/)
	the event of loss of public supply or voltage or	, N/A ,	6. Basic and fault protection		7.24 Presence of non-standard (mixed) cable colour warning notice	(,
	frequency deviation beyond declared values	()	a) SELV		at or near the appropriate distribution board, where required:	()
	 d) Means to prevent connection of generator in the event of loss of public supply or voltage or frequency 		b) PELV	()	7.25 Presence of other required labelling:	()
	deviation beyond declared values	(N/A ()	c) Double or reinforced insulation	()	8. Circuits	
	e) Means to isolate generator from public supply	(N/A ()	When used, provide details on a separate numbered page: Page No	(IN/A)	8.1 Identification of conductors:	(
2.3	Presence of alternative / additional supply warning notices at or ne	ear:	7. Distribution equipment		8.2 Cables correctly supported throughout, with protection	
	a) The origin	()	7.1 Adequacy of working space / accessibility:	()	against abrasion:	()
	b) The meter position, if remote from origin	(N/A ()	7.2 Security of fixing:	()	8.3 Examination of cables for signs of mechanical damage	
	c) The consumer unit / distribution board to which the	N/A	7.3 Insulation of live parts not damaged during erection:	()	during installation:	()
	alternative / additional sources are connected	() (N/A	7.4 Adequacy / security of barriers:	()	8.4 Examination of installation of live parts, not damaged during erection:	· · ·
	d) All points of isolation of ALL sources of supply	()	7.5 Suitability of enclosures for IP and fire ratings:		8.5 Non-sheathed cables protected by enclosure in conduit,	()
3. Aı	utomatic disconnection of supply		7.6 Enclosures not damaged during installation:	1/	ducting or trunking:	()
3.1	Presence and adequacy of protective earthing / bonding arrangem	ients	7.7 Presence and effectiveness of obstacles:	()	8.6 Suitability of containment systems (including flexible conduit):	()
	as follows:			()	8.7 Correct temperature rating of cable insulation:	()
	 a) Distributor's earthing arrangement or installation earth electrode arrangement 	(7.9 Components are suitable according to assembly manufacturer's instructions or literature:	· • ·	8.8 Adequacy of cables for current-carrying capacity with	· • .
		()	7.10 Operation of circuit-breakers and RCDs to prove functionality:		regard to the type and nature of installation:	()
	 c) Main protective bonding conductors and connections 	(`			8.9 Adequacy of protective devices: type and fault current rating	· · ·
	d) Earthing / bonding labels at all appropriate locations	()	7 10 DCD(-) and ideal for another time and institute sub-second for de	(N/A)	for fault protection: 8.10 Adequacy of AFDD(s), where specified:	() , N/A
3.2	Accessibility of:			(/	8.10 Adequacy of AFDD(s), where specified: 8.11 Presence and adequacy of circuit protective conductors:	() (V)
	a) Earthing conductor connections	()	7.14 Confirmation overvoltage protection (SPDs) provided,		8.11 Presence and adequacy of circuit protective conductors: 8.12 Coordination between conductors and overload protective devices	()
	b) All protective bonding connections	()	where encodied	(N/A ()		». ()

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8.13 Wiring systems and cable installation methods / practices appropri to the type and nature of installation and external influences:		8.24 Adequacy of connections, including cpcs, within accessories and at fixed and stationary equipment:	· · ·	10. Current-using equipment (permanently connected)	
8.14 Cables concealed under floors, above ceilings,	()	9. Isolation and switching	()		(
in walls / partitions, adequately protected against damage:	()	9.1 Isolators:		10.2 Enclosure not damaged / deteriorated during installation so as to impair safety:	(
8.15 Cables installed in walls / partitions, installed in prescribed zones:	()	a) Presence and location of appropriate devices	()	10.3 Suitability for the environment and external influences:	~
8.16 Provision of additional protection by RCDs having rated residual		b) Capable of being secured in the OFF position	()	10.4 Security of fixing:	(/
operating current $(I_{\Delta n})$ not exceeding 30 mA:		c) Correct operation verified (functional check)	(/)	10.5 Cable entry holes in ceilings above luminaires, sized or sealed	
 a) For all socket-outlets with a rated current not exceeding 32 A or less, unless exempt 	()	d The installation, circuit or part thereof that will be isolated		so as to restrict the spread of fire:	(
b) For supplies to mobile equipment with a current rating		is clearly identified by location and / or durable marking	()	10.6 Recessed luminaires (downlighters):	, N/A
not exceeding 32 A for use outdoors	()	e) Warning notice posted in situations where live parts		a) Correct type of lamps fitted	(N/A
c) For cables concealed in walls / partitions at a depth of		cannot be isolated by the operation of a single device	()	b) Installed to minimise build-up of heat	(
less than 50 mm	()	9.2 Switching off for mechanical maintenance:a) Presence of appropriate devices	· · ·	10.7 Provision of undervoltage protection, where specified:	, N/A
 For cables concealed in walls / partitions containing metal parts regardless of depth 	(b) Acceptable location (local or remote)	() ()	10.8 Provision of overload protection, where specified:	
e) For circuits supplying luminaires within domestic		c) Capable of being secured in the OFF position		10.9 Adequacy of working space / accessibility to equipment: 11. Special installations or locations	(
(household) premises only	()	d) Correct operation verified (functional check)	(/)	List below any special installations or locations which are part of the installations of locations which are part of the installating w	allation to
8.17 Provision of fire barriers, sealing arrangements so as	· · ·	e) The installation, circuit or part thereof to be disconnected		be verified, and confirm that the additional requirements given in the resp	
to minimise the spread of fire:	() , N/A	clearly identified by location and / or durable marking	()		. N/A
8.18 Band II cables segregated / separated from Band I cables:	()	9.3 Emergency switching / stopping:	· · ·	N/A	(
8.19 Cables segregated / separated from non-electrical services:	()	a) Presence of appropriate devices	()		(
8.20 Termination of cables at enclosures:a) Connections under no undue strain	· · ·	b) Readily accessible for operation where danger might occur	()		(
 b) No basic insulation of a conductor visible outside enclosure 		c) Correct operation verified (functional check)	()		(
c) Connections of live conductors adequately enclosed		 The installation, circuit or part thereof to be disconnected clearly identified by location and / or durable marking 	(~)		(
 d) Adequately connected at point of entry to enclosure 		e) Firefighter's switches present, where required:	() (v)	Details must be appended on a separate numbered page (see PART 10 b	elow)
8.21 Suitability of circuit accessories for external influences:	(/)	9.4 Functional switching:	()	SCHEDULE OF ITEMS INSPECTED BY	
8.22 Circuit accessories not damaged during erection:	(a) Presence of appropriate devices	()	Name (capitals); GRAYSON RICHARDS	
8.23 Single-pole devices for switching or protection		b) Correct operation verified (functional check)	()	G. PAM	122
in line conductors only:	()			Signature:	

PART 10: SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspection	15	Schedule of Circuit Det	ails and Test Results	Additional pages, inclu	ding data sheets	Special installations or	locations	Continuation sheets	
		for the installation		for additional sources		(indicated in item 11 ab	ove)		
Page No(s):	(4 & 5)	Page No(s):	(6, 7-38)	Page No(s):	(<u>None</u>)	Page No(s):	(<u>None</u>)	Page No(s):	(39-73)
			The	pages identified are an e	ssential part of this ce	rtificate.			

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12L1,12L3,19L1,9L1,19L2,13L2,7L2,19L3,8L1,7L3,9L3,9L2,12L2,7L1,8L3,13L1,13L3,8L2,&onsu **PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS** Circuits/equipment vulnerable to damage when testing Thermoplastic cables in Thermoplastic cables in (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking Thermoplastic insulated / (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (0) other - state: N/A **CODES for Type of wiring** (A) sheathed cables (B) metallic conduit (C) non-metallic conduit Maximum permitted Z_{S} for installed protective device* easured earth impedance. Zs Circuit RCD Circuit description of points served Protective device Circuit impedances (Q) Insulation resistance RCD Test conductor csa disconnection operating Type of wiring (see Codes) Polarity buttons Reference Methu (BS 7671) time (BS 7671) Operating current, I_{An} time All circuits Circuit nun Short-circuit capacity Live / Test Ring final circuits only Live / (complete at least BS (EN) Rating (measured end to end) voltage c. me Live Earth Type one column) DC Max. ault lo Number Max. RCD AFDD Live срс (Line) (Neutral) (cpc) (1) (1) (1) (MΩ) (MΩ) (Ω) (ms) (mm²) (mm²) (s) (A) (kA) (mA) (Ω) $(R_{1} + R_{2})$ R, (V) r1 r_n r_2 Ŵ. N/A N/A N/A N/A N/A N/A 60947-3 3 400 N/A Main switch 1L1 DB G g/f fover cupboard F 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 F 16 5 N/A N/A 500 0.17 DB 1-1 1st floot corridor cupboard 16 60947-2 ACB 63 40 N/A 0.35 N/A N/A N/A N/A N/A ~ N/A N/A N/A 1L3 DB 2-2 2nd floor Е 35 5 60947-2 ACB 40 N/A N/A N/A N/A 500 N/A 1 35 63 0.35 N/A N/A N/A N/A 1 0.08 N/A N/A 2L1 DB 3-2 3rd floor F 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 F 5 DB 4-2 4th floor 35 35 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 Е 35 35 5 40 N/A 0.35 N/A N/A N/A N/A N/A 500 0.21 N/A DB 5-2 5th floor 1 60947-2 ACB 63 N/A N/A ~ N/A N/A 3L1 Е 35 5 35 60947-2 ACB N/A 0.35 N/A N/A N/A N/A N/A N/A 500 N/A N/A DB 6-2 6th floor 63 40 N/A V 0.33 N/A 3L2 Е 35 35 5 60947-2 ACB 40 DB 7-2 7th floor N/A N/A N/A N/A N/A 500 63 0.35 N/A N/A N/A V 0.09 N/A N/A N/A 3L3 DB 8-28th floor F 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 V 0.06 N/A N/A N/A 4L1 N/A N/A N/A Spare N/A 4L2 Spare N/A 4L3 Spare N/A 5L1 Spare N/A 5L2 Spare 5L3 Spare N/A 6L1 DB 9-2 9th floor F 35 35 60947-2 ACB 63 40 N/A 0.35 N/A N/A N/A N/A N/A N/A N/A 500 V 0.22 N/A N/A N/A 6L2 60947-2 ACB F 40 N/A N/A N/A N/A DB 10 lift motor room DB 35 35 63 N/A 0.35 N/A N/A N/A N/A N/A N/A 500 ~ 0.34 Main Panel Board **GRAYSON RICHARDS** Electrician **DISTRIBUTION BOARD (DB) DETAILS TESTED BY** DB designation: Name (capitals): Position: Date: 04/10/2022 BM Electrical plant room (to be completed in every case) Location of DB: Signature:... TEST INSTRUMENTS (enter serial number against each instrument used) TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Continuity: Multi-function: (1008121101865459 Supply to DB is from: (N/A Nominal voltage: (N/A...) V No. of phases: (N/A...)) Overcurrent protection device for the distribution circuit $% 10^{-10}$ Type: (BS EN $\overset{N/A}{\ldots}$ Rating: (N/A) A) Insulation resistance: , N/A Earth fault loop impedance: $\sqrt{N/A}$ *I*_{Δ*n*} (^{N/A}....) mA Associated RCD (if any) Type: (BS EN N/A No. of poles: (N/A) Operating time (N/A) ms) Earth electrode resistance: RCD: (N/A **Characteristics at this DB** Confirmation of supply polarity: $\binom{N/A}{\dots}$ Phase sequence confirmed (where appropriate): $\binom{N/A}{\dots} Z_S \binom{N/A}{\dots} \Omega = I_{of} \binom{N/A}{\dots} kA$ * Where figure is not taken from *BS 7671*, state source: (..... Enter a (\checkmark) or value in the respective fields, as appropriate. This certificate is based on the model forms shown in Appendix 6 of BS 7671 73 Certsure LLP operates the NICEIC & ELECSA brands Published by Certsure LLP @ Copyright Certsure LLP (July 2018) Page 6 of

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION RE

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

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 ICN / VPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS (0) other - state: N/A Thermoplastic cables in (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking Thermoplastic insulated / Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables **CODES for Type of wiring** (B) metallic conduit (C) non-metallic conduit (A) Thermoplastic in sheathed cables Maximum permitted Z_{S} for installed protective device* easured earth Circuit RCD Circuit description of points served Protective device Circuit impedances (Q) Insulation resistance RCD Test conductor csa disconnection operating Type of wiring (see Codes) Polarity buttons Reference Methu (BS 7671) time (BS 7671) Operating current, I_{An} Circuit number time All circuits Short-circuit capacity Live / Test Ring final circuits only Live / (complete at least BS (EN) Max. mea fault loop ir Rating (measured end to end) voltage Live Earth Type one column) DC Number Max. RCD AFDD Live срс (Line) (Neutral) (cpc) () (1) (1) (MΩ) (MΩ) (Ω) (ms) (mm²) (mm²) (s) (A) (kA) (mA) (Ω) $(R_{1} + R_{2})$ R, (V) r1 r_n r_2 6L3 Spare N/A 7L1 EV port С 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 С 16 5 N/A N/A 500 N/A N/A 16 60947-2 ACB 70 40 N/A N/A N/A N/A N/A N/A N/A ~ N/A N/A 1 7L3 С EV port 5 60947-2 ACB 40 N/A N/A N/A N/A 500 N/A N/A 1 16 16 70 N/A N/A N/A N/A N/A 1 N/A N/A 8L1 Boiler room panel F 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 F 5 Boiler room panel 10 10 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 Е 5 60947-2 ACB 40 N/A N/A N/A N/A N/A N/A 500 Boiler room panel 1 10 10 40 0.63 N/A N/A ~ 0.18 N/A N/A N/A 9L1 Е 25 5 2 25 60947-2 ACB 32 N/A 0.78 N/A N/A N/A N/A Lift isolator 40 N/A lim N/A N/A lim 500 V lim N/A Е 25 25 5 60947-2 ACB 40 2 32 N/A N/A N/A N/A 500 N/A N/A 9L2 Lift isolator 0.78 lim N/A N/A lim ~ lim N/A 9L3 F 2 25 25 5 60947-2 ACB 32 40 N/A 0.78 N/A N/A N/A N/A N/A 500 N/A N/A N/A l ift isolator lim lim 1 lim 10L1 N/A 60947-2 ACB not used N/A N/A N/A N/A N/A 100 N/A 10L2 not used N/A N/A N/A N/A N/A N/A 60947-2 ACB 100 N/A 10L3 N/A N/A N/A 60947-2 ACB N/A not used N/A N/A N/A 100 N/A N/A N/A 60947-2 ACB N/A 11L1 N/A N/A N/A N/A N/A 100 N/A not used N/A N/A 11L2 N/A N/A N/A N/A N/A 60947-2 ACB N/A not used N/A 100 11L3 N/A N/A N/A N/A N/A N/A 60947-2 ACB 100 N/A not used 12L1 Lift isolator 2 F 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 F 25 Lift isolator 2 2 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 DB designation: Main Panel Board **GRAYSON RICHARDS** Electrician **DISTRIBUTION BOARD (DB) DETAILS TESTED BY** Position: Name (capitals): Location of DB: Electrical plant room BM Date: 04/10/2022 (to be completed in every case) TEST INSTRUMENTS (enter serial number against each instrument used) TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Multi-function: (1008121101865459 Continuity: Supply to DB is from: (N/A Nominal voltage: (N/A...) V No. of phases: (N/A...)) Overcurrent protection device for the distribution circuit $% 10^{-10}$ Type: (BS EN $\frac{N/A}{1000}$ Rating: (N/A) A) Insulation resistance: Earth fault loop impedance: $\sqrt{N/A}$ Associated RCD (if any) Type: (BS EN N/A No. of poles: (N/A) Operating time (N/A) ms $I_{\Delta n}$ (N/A) mA) Earth electrode resistance: RCD: (N/A (..... **Characteristics at this DB** Confirmation of supply polarity: $\binom{N/A}{\dots}$ Phase sequence confirmed (where appropriate): $\binom{N/A}{\dots}$ Z_{S} $\binom{N/A}{\dots}$ A * Where figure is not taken from *BS 7671*, state source[.] (N/A This form is based on the model forms shown in Appendix 6 of BS 7671 Enter a (\checkmark) or value in the respective fields, as appropriate. of 73 Published by Certsure LLP Certsure LLP operates the NICEIC & ELECSA brands @ Copyright Certsure LLP (July 2018) Page



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ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

	N / XPAN : SCHEDULE OF CIRCU	IT DE	TAILS	AND	TEST F	RESUL	rs	Circuits	/equipr	ment vu	Inerabl	e to dam	age whe	n testing	12L1,1	2L3,19L	1,9L1,1	9L2,13I	_2,7L2,1	9L3,8L	1,7L3,9	L3,9L	_2,12L	2,7L1,8	3L3,13L	.1,13L
	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{.d /} (B)	Thermoplas metallic co	tic cables i Iduit	in (C)	hermoplastic on-metallic c	cables in conduit	(D) ^{Thermop} metallic t	lastic cable runking	^{es in} (E	E) Thermopl	astic cables iı Ilic trunking	n (F) The	ermoplastic / S	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-insu	lated cables	(O) othe	r - state:	N/A			
_	Circuit description		po	erved		cuit ctor csa	ion	P	rotective	device		RCD	mitted Illed ivice*		Circu	ıit impedanc	:es (Ω)		Insu	lation resis	stance		earth 1ce, Zs	RCD operating		lest ttons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served	Live	срс	Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum permitted Z _S for installed protective device*		final circui sured end 1 (Neutral)		(complet	rcuits e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	time	RCD	AF
					(mm ²)	(mm ²)	(s)			(A)	(kA)	(mA)	(Ω)	r ₁	r _n	r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	(Ω)	(ms)	(⁄)	(.
2L3	Lift isolator 2	F	E	2	25		5		-	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
3L1	Ventilation control panel	F	E	1	25	25	5		-	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
L2	Ventilation control panel	F	E	1	25	25	5		-	63	40	N/A	0.78	N/A	N/A	N/A	N/A	N/A		N/A	500	~	N/A	N/A	N/A	N/A
3L3	Ventilation control panel	F	E	1	25	25	5		ACB	63	40	N/A	0.78	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	V	N/A	N/A	N/A	N/A
L1	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
L2	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//
	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
L1	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//
L2	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//
L3	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//
	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//
SL2	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
SL3	Spare 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 N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A		N/A N/A	N/A N/A	N/A N/A	N//
			-	<u> </u>			-			<u> </u>		-	-					-						-		
	oparo	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A
	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
	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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	ignatio n of DB	_{n:} Main 3: Electi	Panel E rical pla	Board Int roor	n	TEST	ED BY		ime (capi jnature: .	ung	AYSON		•••••					n: Electr 04/10/20					
ГО	BE COMPLETED ONLY IF THE	DB I	S NOT	CON	NECTE	D DIR	ECTLY	TO THE	ORIGI	N OF	THE IN	ISTALL	ATION				TEST I	NSTRL	JMENT	S (enter :	serial nu	mber	agains	t each ir	strumen	ıt use
	pply to DB is from: (<mark>N/A</mark>								Nomi	inal vol	tage: (N	J/A) V	No. d	of phases	: (<mark>N/A</mark>)	Multi-fu (1008	nction: I 21101	865459)	Conti (N/A	nuity:			
	ercurrent protection device for the di sociated RCD (if any) Type: (BS EN					S EN <mark>N/</mark> lo. of po				g: (N/A			0		N/A		Insulati (N/A		tance:			Earth	fault lo	oop impe		
	aracteristics at this DB Confirmation										A) mA riate): (.		-	ating tim)Ω /			Earth el	ectrode	resistan	ce:	,	RCD: N/A				
is fo ubli	orm is based on the model forms shown in App shed by Certsure LLP Certsure	oendix 6 o LLP op	of <i>BS 767</i> erates tl	1 ne NICE	E EIC & ELE	nter a (🗸) or value	in the respe @ Copy	ctive field	ds, as ap	propriate	. *W					tate sourc						1	Page		of 7

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION RE

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

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 ICN / VPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Thermoplastic cables in (0) other - state: N/A Thermoplastic cables in (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking Thermoplastic insulated / (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables **CODES for Type of wiring** (A) sheathed cables (B) metallic conduit (C) non-metallic conduit Maximum permitted Z_{S} for installed protective device* easured earth impedance. Zs Circuit RCD Circuit description of points served Protective device Circuit impedances (Q) Insulation resistance RCD Test conductor csa disconnection operating Type of wiring (see Codes) buttons Polarity Reference Methu (BS 7671) time (BS 7671) Operating current, I_{An} Circuit number time All circuits Short-circuit capacity Live / Test Ring final circuits only Live / (complete at least BS (EN) voltage Max. mea fault loop ir Rating (measured end to end) Live Earth Type one column) DC Number Max. RCD AFDD Live срс (Line) (Neutral) (cpc) () (1) (1) (mm²) (MΩ) (MΩ) (Ω) (ms) (mm²) (s) (A) (kA) (mA) (Ω) $(R_{1} + R_{2})$ R, (V) r1 r_n r_2 18L3 Spare N/A 19L1 Immersion heater contactor plant room Е 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 F 35 35 5 60947-2 ACB 0.23 N/A N/A 500 0.16 N/A Immersion heater contactor plant room 125 40 N/A N/A N/A N/A N/A N/A ~ N/A N/A 19L3 Е Immersion heater contactor plant room 35 35 5 60947-2 ACB 125 40 N/A 0.23 N/A N/A N/A N/A N/A 500 0.18 N/A N/A N/A 1 N/A N/A 20L1 DB G-1 g/f corridor cupboard Е 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 F 20L2 5 DB 1-2 1st floor 35 35 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 Е 35 35 5 60947-2 ACB 40 N/A 0.35 N/A N/A N/A N/A N/A N/A 500 0.34 Db 2-1 2nd floor F 1 63 N/A ~ N/A N/A N/A 21L1 Е 35 5 35 60947-2 ACB 40 N/A 0.35 N/A N/A N/A N/A N/A N/A 500 0.14 N/A N/A DB 3-1 3rd floor 63 N/A V N/A Е 35 35 5 60947-2 ACB 40 DB 4-1 4th floor N/A N/A N/A N/A N/A N/A 500 N/A N/A N/A 21L2 63 0.35 N/A N/A ~ 0.11 V. 21L3 DB 5-1 5th floor F 35 35 5 60947-2 ACB 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 63 22L1 F 35 5 60947-2 ACB N/A N/A DB 6-1 6th floor 35 63 40 N/A 0.35 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 E 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 V 0.23 N/A N/A N/A F 22L3 DB 9-1 9th floor 35 35 5 60947-2 ACB 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 63 1 E 6 5 60947-2 ACB 25 40 N/A N/A DB external lighting N/A N/A N/A N/A N/A N/A 500 N/A N/A N/A 23L1 N/A ~ 0.17 23L2 DB 8-1 8th floor F 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 24L1 DB lighting F 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 V 0.20 N/A N/A N/A 24L2 DB lighting F 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 DB designation: Main Panel Board **GRAYSON RICHARDS** Electrician **DISTRIBUTION BOARD (DB) DETAILS TESTED BY** Position: Name (capitals): Location of DB: Electrical plant room BM Date: 04/10/2022 (to be completed in every case) TEST INSTRUMENTS (enter serial number against each instrument used) TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Multi-function: (1008121101865459 Continuity: Supply to DB is from: (N/A Nominal voltage: (N/A...) V No. of phases: (N/A...)) Overcurrent protection device for the distribution circuit $% 10^{-10}$ Type: (BS EN $\frac{N/A}{1000}$ Rating: (N/A) A) Insulation resistance: Earth fault loop impedance: $\sqrt{N/A}$ Associated RCD (if any) Type: (BS EN N/A No. of poles: (N/A) Operating time (N/A) ms $I_{\Delta n}$ (N/A) mA) Earth electrode resistance: RCD· (N/A (..... **Characteristics at this DB** Confirmation of supply polarity: $\binom{N/A}{\dots}$ Phase sequence confirmed (where appropriate): $\binom{N/A}{\dots}$ Z_{S} $\binom{N/A}{\dots}$ A * Where figure is not taken from *BS 7671*, state source[.] (N/A This form is based on the model forms shown in Appendix 6 of BS 7671 Enter a (\checkmark) or value in the respective fields, as appropriate. of 73 9 Published by Certsure LLP Certsure LLP operates the NICEIC & ELECSA brands @ Copyright Certsure LLP (July 2018) Page



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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

		UIT DE	TAILS	AND 1	FEST F	RESUL	rs	Circuits	/equipn	nent vu	Inerabl	e to dam	age whe	n testing	12L1,1	2L3,19	L1,9L1,1	9L2,13L	2,7L2,1	9L3,8L	1,7L3,9I	L3,9I	L2,12L	2,7L1,8	L3,13L	1,13L3,8
CO	ES for Type of wiring (A) ^{Thermoplastic insula sheathed cables}	ated / (B)) Thermoplas metallic cor	rtic cables i nduit	" (C) ^T	hermoplasti on-metallic (c cables in conduit	(D) Thermop	lastic cable: trunking	^{s in} (E) Thermopl non-meta	astic cables iı Ilic trunking	ⁿ (F) The	ermoplastic /	SWA cables	(G) Therm	osetting / SWA	cables (H	Mineral-insu	lated cables	(O) other	r - state:	N/A			
er	Circuit description	6	pod	served	Cir condu	rcuit ctor csa	stion 1)	I	Protective	device	1	RCD	n permitted installed ve device*		Circu	it impedar	ices (Ω)		Insu	lation resis	tance	ty	d earth ance, Zs	RCD operating		est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum pe Z_S for inst protective d		final circuit sured end t		(comple	rcuits æ at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, <i>Zs</i>	time	RCD	AFDD
				Num	Live (mm ²)	cpc (mm ²)	≥ (s)			(A)	(kA)	(mA)	(Ω)	(Line) r ₁	(Neutral) r _n	(cpc) <i>r₂</i>	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	(Ω)	(ms)	(⁄)	(√)
L3	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
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	STRIBUTION BOARD (DB) DET be completed in every case)	AILS	DB des Locatio	ignatio n of DB	, Main Elect	Panel I rical pla	Board ant room	ו ז	TESTI	ED BY	/ Na Siç	ame (capi gnature:	tals): GR	AYSON	N RICHA	RDS					. Electri 4/10/20					
0	BE COMPLETED ONLY IF TH	IE DB I	S NOT	CON	NECTE	D DIR	ECTLY	TO THE	ORIGI	N OF '	THE IN	ISTALL	ATION				TEST	NSTRU	MENTS	S (enter :	serial nu	mber	agains	t each in	strumen	t used)
	ply to DB is from: (<mark>.N/A</mark>											√A…) V	No. o	f phases	s: (N/A	.)	Multi-fu (1008	inction: 1211018	365459)	Conti (N/A	inuity:)
v	rcurrent protection device for the c ociated RCD (if any) Type: (BS E	distribut _N N/A	ion circ	uit 1)	Type: (B	S EN	A Des: (N/) A	Ratin	g: (N/A	•)A	A	Opera	ating tim	_{e (} N/A) ms	Insulati (N/A	on resist	ance:)			oop impe		
ha	racteristics at this DB Confirmation	n of supp	oly polari	ty: () F	hase se	quence	confirmed	(where a	appropr	iate): (.	N/A)	Z _s (^{N/A})Ω /	N/A pf() kA	Earth el (N/A)
bli	rm is based on the model forms shown in A shed by Certsure LLP Certsur ick House, Houghton Hall Park, Hough	e LLP op	erates tl	ne NICE	IC & ELE	nter a (🗸 CSA bra) or value Inds	in the respe @ Copy	ctive field right Ce	ls, as app rtsure L	propriate LP (July	. *W / 2018)	'here figur	e is not ta	ken from i	BS 7671,	state sourc	e: (N/A)	Page	10	of 73



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ISN18C

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

	N / APPN : SCHEE	ULE OF CIRCU	IT DET	TAILS	AND 1	FEST R	ESUL	TS	Circuits	s/equipr	nent vu	Inerable	e to dam	age whe	n testing	1,2,3,1	Neons, el	ectronic	equipr	nent	·····						
CO	DES for Type of wiring	(A) Thermoplastic insulate sheathed cables	^{d /} (B)	Thermoplas metallic cor	tic cables ir Iduit	" (C) "	nermoplasti on-metallic	c cables in conduit	(D) Thermop metallic	olastic cable trunking	^{is in} (E) Thermopla non-metal	astic cables i llic trunking	ⁿ (F)™	ermoplastic /	SWA cables	(G) Thermos	etting / SWA	cables (H) Mineral-insi	ulated cables	(O) othe	r - state:	FP20	0		
her	Circuit d	escription	ring es)	lethod 1)	points served		cuit ctor csa	inection 7671)	F	Protective	device		RCD Bu	Aaximum permitted Z _S for installed protective device*		Circ	uit impedanc			Insu	Ilation resis	stance	Polarity	aasured earth impedance, Zs	RCD operating time		Test ittons
Circuit number			Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of point			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $I_{\Delta n}$	Maximum Zs for in protective		i final circu asured end	to end)	(complet	rcuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Pol	Max. measur fault loop impe		RCD	Α
				Ĕ.	Nun	Live (mm ²)	cpc (mm ²)	≥ (s)			(A)	(kA)	(mA)	(Ω)	(Line) r ₁	(Neutral) r _n) (cpc) <i>r₂</i>	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	(Ω)	(ms)	(⁄)	(,
	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	V	N/A	N/A	N/A	N//
	Main FA panel r		0	E	2	2.5	2.5	0.4	60898	С	10	10	N/A	1.75	N/A	N/A	N/A	0.64	N/A	N/A	501	N/A	<u> </u>	-	N/A	N/A	N/
	Fire alarm repea	iter reception	0	В	1	2.5	2.5	0.4	60898	С	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/
	Security system	spur	0	В	1	2.5	2.5	0.4	60898	С	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/
	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/
	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/
	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/.
	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/
	STRIBUTION BC	IARD (DB) DETA ery case)	ILS	DB des Locatio	ignatior n of DB	1:DB F/ . Electr	A ical pla	ant roor	n	TEST	ED BY				RAYSON		ARDS					n: Electri 04/10/20					
Sup	oply to DB is from:	D ONLY IF THE FA isolator mair	n pane	I)) of phases	s: (<u>1</u>)			JMENT 865459	S (enter		Conti	nuity:	t each in		
	•	n device for the dia y) Type: (BS EN)947-2 oles: (g: (100	D) A A) mA	l.	Onei	ating tim	ne (N/A) ms	Insulati (N/A		tance:)	Earth	fault lo	oop impe	dance:	
		DB Confirmation of					•						NA) .	Z _s (0.23)Ω /	0.999	9) kA	(• • • • • • • • • • • •	resistan	ce:)	RCD· N/A	L			
ıbli	shed by Certsure LL	del forms shown in App P Certsure	LLP ope	erates th	ne NICE	IC & ELE	nter a (🗸 CSA bra	') or value inds	e in the respe @ Copy				. * W 2018)	/here figu	re is not ta	ıken from	<i>BS 7671</i> , st	ate sourc	e: ()			of



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ISN18C

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

	N / YPN : SCHEDULE OF CIRCU	IT DE	TAILS	AND 1	FEST R	RESULT	ſS	Circuits	/equipn	nent vu	Inerabl	e to dam	age whe	n testing	1,3,Neo	ons, ele	ctronic e	quipme	ent	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •		• • • • • • • • • • • •	•••••		
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{.d /} (B)	Thermoplas metallic con	tic cables ir Iduit	י (C) ^{דו}	hermoplastic on-metallic c	cables in onduit	(D) ^{Thermopl} metallic t	astic cable: runking	^{s in} (E) Thermopl non-meta	astic cables ir Ilic trunking	^ה (F) דוי	ermoplastic /	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-ins	ulated cables	(O) other	- state:	FP20)		
er	Circuit description	Bc (thod	served			ction 7)	P	rotective	device		RCD	ermitted talled levice*		Circu	it impedanc	es (Ω)		Insu	lation resis	tance	ity	d earth ance, <i>Zs</i>			
Circuit number		Type of wirir (see Codes	Reference Me (BS 7671)	umber of points	Live	срс	Max. disconne time (<i>BS 76</i> 7	BS (EN)	Type	Rating	Short-circuit capacity	Operatinç current, I_{Δ}	Maximum pe Z _S for ins protective c		isured end t	o end)	(complet	e at least	Live / Live	Live / Earth	Test voltage DC		Max. measure fault loop imped	time	RCD	AFD
	Main quitab	NI/A	N1/A		(mm ²)	(mm ²)	(s)	60047.2	2	(A)	(kA)	(mA)	(Ω)	r ₁	r _n	r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	1.1	(Ω)	(ms)		(√) N/A
1			<u> </u>																			↓ •		-	-	-
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3					· ·									,				-	-					- ·	-	
9																										
		ILS	DB desi Locatio	ignatior n of DB	DB El Electr	L rical pla	nt roor	n	TEST	ED BY																
Su	Image: Strate in the second																									
	aracteristics at this DB Confirmation																Earth el (ectrode	resistan	ce:)	RCD: N/A				
Publ	orm is based on the model forms shown in App ished by Certsure LLP Certsure	LLP op	erates th	e NICE	IC & ELE	nter a (🗸 CSA bra) or value nds	e in the respec @ Copyl					'here figur	re is not ta	ken from I	B <i>S 7671</i> , s	tate sourc	e: (N/A					,	Page		of 73



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

AND TEST DECUUTS

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theet is not valid if the serial number is e corresponding certificate or report. **CONTINUATION SHEET: RTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS** *Issued in accordance with BS 7671: 2018 – Requirements for Electrical Installations Ig* 1L1,1L2,1L3,2L1,2L2,2L3,3L1,3L2,3L3,4L1,7L1,7L2,7L3,8L1,8L2,8L3,9L1,9L2,9L3,10 **1**,1

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

	N / APN : SCHEDULE OF CIRCU	IT DE	TAILS /	AND 1	FEST F	RESUL	.TS	Circuits	s/equip	oment vi	ılnerabl	e to dam	age whe	n testing	1L1,1L	_2,1L3,2l	_1,2L2,2	2L3,3L1	,3L2,3L	3,4L1,7I	L1,7L2,	7L3,8	3L1,8L	.2,8L3,9)L1,9L2	2,9L3, ⁻
	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{ed /} (B)	Thermoplas metallic con	tic cables ir duit	" (C) ^T	hermoplas on-metallic	tic cables in conduit	(D) Thermop	olastic cab trunking	^{les in} (I	E) Thermop	astic cables i Ilic trunking	n (F) The	ermoplastic /	SWA cables	(G) Thermos	setting / SWA	cables (H) Mineral-ins	ulated cables	(O) other	r - state:	N/A			
_	Circuit description		pot	erved		rcuit ctor csa	tion (F	Protectiv	e device		RCD	permitted nstalled e device*		Circ	uit impedanc	es (Ω)	,	Insi	ulation resis	tance	>	earth nce, Zs	RCD operating		Test uttons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served	Live	срс	Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $I_{\Delta n}$	Maximum per Z _S for insta protective de		final circu asured end (Neutral)	to end)	(comple	ircuits te at least column)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth ault loop impedance, Zs	time	RCD	AFE
				Ř	(mm ²)	(mm ²)	(s)			(A)	(kA)	(mA)	(Ω)	(Line) r ₁	r _n	r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)		(ms)	(⁄)	(/
	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	Unknown	D	В	N/A	2.5	2.5	0.4	61009	С	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
2	Lights 1st corridor and stairs	D	В	14	2.5	2.5	0.4	60898	С	10	10	N/A	1.75	N/A	N/A	N/A	0.62	N/A	N/A	349	500	V	0.82	N/A	N/A	N/A
.3	Lights 2nd corridor and stairs	D	В	14	2.5	2.5	0.4	60898	С	10	10	N/A	1.75	N/A	N/A	N/A	0.40	N/A	N/A	230	500	V	0.60	N/A	N/A	N/A
.1	Lights 3rd corridor and stairs	D	В	14	2.5	2.5	0.4	60898	С	10	10	N/A	1.75	N/A	N/A	N/A	0.75	N/A	N/A	362	500	V	0.95	N/A	N/A	N/A
.2	Lights 4th corridor and stairs	D	В	14	2.5	2.5	0.4	60898	С	10	10	N/A	1.75	N/A	N/A	N/A	0.87	N/A	N/A	608	500	V	1.03	N/A	N/A	N/A
.3	Lights 5th corridor and stairs	D	В	14	2.5	2.5	0.4	60898	С	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
.1	Lights 6th corridor and stairs	D	В	10	2.5	2.5	0.4	60898	С	10	10	N/A	1.75	N/A	N/A	N/A	0.81	N/A	N/A	>999	500	V	1.01	N/A	N/A	N/A
2	Lights 7th corridor and stairs	D	В	10	2.5	2.5	0.4	60898	С	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
3	Lights 8rh corridor and stairs	D	В	14	2.5	2.5	0.4	60898	С	10	10	N/A	1.75	N/A	N/A	N/A	0.96	N/A	N/A	666	500	V	1.16	N/A	N/A	N/A
1	Lights 9th corridor and stairs	D	В	14	2.5	2.5	0.4	60898	С	10	10	N/A	1.75	N/A	N/A	N/A	0.84	N/A	N/A	741	500	V	1.04	N/A	N/A	N/A
2	NTL air supply	F	С	1	2.5	2.5	0.4	60898	С	32	10	N/A	0.54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	V	N/A	N/A	N/A	N/A
.3	NTL air supply	F	С	1	2.5	2.5	0.4	60898	С	32	10	N/A	0.54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500	V	N/A	N/A	N/A	N/A
.1	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
.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	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
.1	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
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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB desi Locatio	gnatior n of DB	n:DB L Electi	TG rical pl	ant roor	n	TEST	ED B		ame (capi gnature: .		AYSON	•••••	ARDS				Position Date:	_{1:} Electri 94/10/20					
٢0	BE COMPLETED ONLY IF THE	E DB I	S NOT	CONI	NECTE	D DIF	RECTLY	TO THE	ORIG	IN OF	THE II	VSTALI	ATION				TEST I	INSTRU	IMENT	S (enter :	serial nu	mber	agains	t each ir	strumen	nt use
	pply to DB is from: (Main Panel Boa											15) V	/ No. c	of phases	s: (<mark>3</mark>)	Multi-fu (1008	unction: 1211018	865459			/ N/A	nuity:			
	ercurrent protection device for the di									ng: (10 					N1/A		NI/A	ion resist	ance:			Earth (N/A	fault lo	oop impe	edance:	
	sociated RCD (if any) Type: (BS EN aracteristics at this DB Confirmation						oles: (<mark>N</mark> equence			l <u>∆n</u> (<mark>N//</mark> approp				ating tim)Ω /			Eąrțh el	lectrode	resistan							
is fo ubli	orm is based on the model forms shown in App shed by Certsure LLP Certsure	pendix 6 o LLP ope	of <i>BS 767</i> erates th	r ie NICE	E IC & ELE	nter a (or valu 	e in the respe	ctive fie		propriate	. *N				<i>BS 7671</i> , st		NI/A								of 7

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MONT - COLLEDINE OF CIDCUIT DETAILS AND TEST DECULTS

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

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	N / APN : SCHEDULE OF CIRCU	IIT DE	FAILS .	AND 1	FEST F	RESUL	.TS	Circuits	s/equip	ment vı	ulnerabl	e to dam	age whe	n testing	1 1 L 1, 1 I	L2,1L3,2I	_1,2L2,4	2L3,3L1	,3L2,3L	3,4L1,71	L1,/L2,	7L3,8	,L1,8L	2,8L3,5	/L1,9L2	,9L3,
CO	DES for Type of wiring (A) Thermoplastic insulat sheathed cables	^{ed /} (B)	Thermoplas metallic con	tic cables ir duit	" (C) ^T	hermoplas on-metallic	tic cables in conduit	(D) ^{Thermop} metallic	plastic cab trunking	^{les in} (I	E) ^{Thermopl} non-meta	astic cables i llic trunking	n (F) The	ermoplastic /	SWA cables	G) Thermos	setting / SWA	cables (H) Mineral-ins	ulated cables	(O) other	r - state:	N/A			
_	Circuit description		pot	served		cuit ctor csa	tion (1	Protectiv	e device		RCD	n permitted installed ve device*		Circ	cuit impedanc	es (Ω)		Insu	ulation resis	tance	>	earth nce, Zs	RCD operating		lest ttons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points s	Live	срс	Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $I_{\Delta n}$	Maximum per Z _S for inst protective d) final circu asured end (Neutra	I to end)	(comple	ircuits te at least column)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth ault loop impedance, <i>Zs</i>	time	RCD	AFE
					(mm ²)	(mm ²)	(s)			(A)	(kA)	(mA)	(Ω)	r ₁	r _n	r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	(Ω)	(ms)	(⁄)	(/
3	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
1	Lights 3rd corridor & lift lobby	D	В	10	2.5	2.5	0.4	60898	С	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
2	Lights 1st corridor & lift lobby	D	В	10	2.5	2.5	0.4	60898	С	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
3	Lights 2nd corridor & lift lobby	D	В	10	2.5	2.5	0.4	60898	С	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
1	Lights 6th corridor & lift lobby	D	В	14	2.5	2.5	0.4	60898	С	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
2	Lights 4th corridor & lift lobby	D	В	10	2.5	2.5	0.4	60898	С	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
3	Lights 5th corridor & lift lobby	D	В	10	2.5	2.5	0.4	60898	С	10	10	N/A	1.75	N/A	N/A	N/A	1.10	N/A	N/A	712	500	1	1.32	N/A	N/A	N/A
1	Lights 9th corridor & lift lobby	D	В	10	2.5	2.5	0.4	60898	С	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
2	Lights 7th corridor & lift lobby	D	В	14	2.5	2.5	0.4	60898	С	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
5	Lights 8th corridor & lift loby	D	В	10	2.5	2.5	0.4	60898	С	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
.1	Lights far stairs half landing	D	В	11	2.5	2.5	0.4	60898	С	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
L2	Lights far stairs full landing	D	В	10	2.5	2.5	0.4	60898	С	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
L3	Lights near stairs fire escape	D	В	10	2.5	2.5	0.4	60898	С	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
L1	Old temporary cabin isolator	F	С	1	4	4	0.4	60898	С	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
L2	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	Contactor control DB- DC	С	В	1	1	1	N/A	60898	С	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
L1	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
L2	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
	STRIBUTION BOARD (DB) DETA be completed in every case)	AILS	DB desi Locatio	gnatior n of DB	n:DB L ⁻ Electi	TG rical pl	ant roor	n	TEST	ED B		ame (capi gnature: .	Laisj	RAYSON	•••••	ARDS				Position Date:	1: Electri 4/10/20					
٢0	BE COMPLETED ONLY IF TH	E DB I	S NOT	CONI	NECTE	D DIF	RECTLY	TO THE	ORIG	IN OF	THE II	ISTALI	ATION				TEST	INSTRU	JMENT	S (enter s	serial nu	mber	against	t <mark>each in</mark>	strumen	t use
	oply to DB is from: (Main Panel Bo											15) V	No. c	of phases	s: (3)	Multi-fu (1008	unction: 121101	865459		,	Contir (N/A				
	ercurrent protection device for the d sociated RCD (if any) Type: (BS EN						0947-2 oles: (ng: (10 /(0	ating tim		\	Insulati (N/A	ion resist	tance:			NI/A		oop impe	edance:	
	aracteristics at this DB Confirmation												•	•			Earth e (N/A	lectrode	resistan							
is fo bli	orm is based on the model forms shown in Ap shed by Certsure LLP Certsure	pendix 6 d e LLP ope	of <i>BS 767</i> erates th	r ie NICE	E IC & ELE	nter a (/) or valu	e in the respe	ective fie		propriate	. *W				n <i>BS 7671</i> , st		NI/A					,			of 7



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ISN18C

CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

	ICN / YPN : SCHEDULE OF CIR	CUIT DE	TAILS	AND	TEST I	RESUL	TS	Circuits	s/equip	ment vu	Inerabl	e to dam	age whe	n testing	1L1,1L	2,1L3,2I	L1,2L2,2	2L3,3L1	,3L2,3L3	3,4L1,7L	_1,7L2,7	7L3,8	8L1,8L	2,8L3,9	L1,9L2,	,9L3,10L
	CODES for Type of wiring (A) Thermoplastic in: sheathed cables	ulated / (B) Thermoplas metallic cor	stic cables i nduit	ⁿ (C) ¹	'hermoplastie Ion-metallic e	c cables in conduit	(D) Thermop	olastic cable trunking	^{es in} (E) Thermopl non-meta	astic cables ir Ilic trunking	י (F) The	ermoplastic / S	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-insu	lated cables	(O) other	- state:	N/A			
,	Circuit description		pot	erved	Ci condu	rcuit Ictor csa	tion (F	Protective	device		RCD	mitted alled svice*		Circu	it impedanc	ces (Ω)	, i	Insu	lation resist	tance	>	earth nce, Zs	RCD operating	Te butt	
	Gircuit number	Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $l_{\Delta n}$	Maximum permitted Z _S for installed protective device*	Ring (mea	final circuit sured end t	o end)	(complet	rcuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	time	RCD	AFDD
			8	Num	Live (mm ²)	cpc (mm ²)	≥ (s)			(A)	∽ (kA)	(mA)	(Ω)	(Line) r ₁	(Neutral) r _n	(cpc) <i>r₂</i>	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	(Ω)	(ms)	(⁄)	(🗸)
12	L3 Supply DB- DC	F	С	1	25	25	5	60898	С	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
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			_																							
		_	_																							
	DISTRIBUTION BOARD (DB) DE (to be completed in every case)	TAILS	DB des Locatio	ignatio n of DE	_{n:} DB L ₃ . Elect	TG rical pla	ant roor	n	TEST	ED BY	Na Się	ime (capi inature:	tals): GR	AYSON	I RICHA	RDS					Electri 4/10/20					
	TO BE COMPLETED ONLY IF T	HE DB	S NOT	. CON	NECTE	D DIR	ECTLY	TO THE	ORIGI	N OF	THE IN	ISTALL	ATION						IMENT			mber	against	each in	strument	t used)
1	Supply to DB is from: (Main Panel I	Board - 2	4L1)	Nom	inal volt	age: (4	15) V	No. c	of phases	: (3	.)	Multi-fu (1008	inction: 121101a	865459) (Contir ₍ N/A	nuity:)
	Overcurrent protection device for the Associated RCD (if any) Type: (BS	e distribut	ion circ	uit	Type: (B	S EN)947-2) /A 、	Ratin	g: (100))A		0		N/A		Insulati (N/A					Farth	fault lo	op impe	dance:	
	Associated RCD (if any) Type: (BS Characteristics at this DB Confirmati	on of supp	ly polari) ty: (r •) F	vo. of po Phase se	equence) confirmed	ر (where	appropr) m# iate): (.	· · · · · · · · · · · · · · · · · · ·	Uper Z _s (0.2	ating tim)Ω /	e (1.26 of (1.26) ms) kA	Earth el (N/A	ectrode	resistan	ce:) (
Thi Pu	is form is based on the model forms shown in	Appendix 6 ure LLP op	of <i>BS 767</i> berates tl	'1 he NICE	E IC & ELE	nter a (🗸) or value	e in the respe	ctive fiel	ds, as app	propriate	. *W	'here figur	re is not ta	ken from <i>l</i>	3 <i>S 7671</i> , s	tate sourc	e: (A							15 ₀	



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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

IC	N /NPN : SCHEDULE OF CIRCU	T DEI			FST	RESUL	rs	Circuits	/equipr	ment vu	Inerabl	e to dam	ane whe	n testina	1,2,3,4	,5,6,7,8,	9,10,11	,Neons	, electro	nic equi	pment					
(Dele	e as appropriate) DES for Type of wiring (A) Thermoplastic insulate sheathed cables		Thermoplas metallic con			hermoplastic		(D) Thermophered (D)				astic cables in		ermoplastic / S		(G) Thermos) Mineral-insu		(0) other	r - state	FP20	0		
		(B)	metallic con		<u> </u>	on-metallic c	conduit	(D) metallic t	runking	(6) _{non-meta}					(0) memos	setting / OVIA				(0) outer	Juic.		-		
er	Circuit description	<u> </u>	pod	served		ctor csa	stion 7)	P	rotective	e device	-	RCD	ermitted talled levice*		Circu	uit impedanc	es (Ω)		Insu	lation resis	tance	₹	i earth ance, Z	RCD operating		lest ttons
Circuit number		Type of wirin (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points			ix. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $I_{\Delta n}$	Maximum permit Zs for installe protective devic	Ring (mea	final circui sured end t		(comple	rcuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	time		
			Re	Numt	Live (mm ²)	cpc (mm ²)	(s) tin			(A)	ູ່ຮົ່ ^ວ (kA)	(mA)	 (Ω)	(Line)	(Neutral) r _n	(cpc) r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(1)	[an] 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	С	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	V	N/A	N/A	N/A	N/A
1	EM 1st floor & fire escape stairs	0	С	10	2.5	2.5	0.4	61009	С	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	0	С	10	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.33	N/A	N/A	40.5	500	V	0.50	20.1	~	N/A
3	EM 3rd floor & fire escape stairs	0	С	10	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.30	N/A	N/A	4.18	500	V	0.48	20.1	~	N/A
4	EM 4th floor & fire escape stairs	0	С	10	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.32	N/A	N/A	25.9	500	V	0.47	22.7	V	N/A
5	EM 5th floor & fire escape stairs	0	С	10	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.39	N/A	N/A	5.91	500	~	0.50	21.8	V	N/A
6	EM 6th floor & fire escape stairs	0	С	10	2.5	2.5	0.4	61009	С	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	0	С	10	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.56	N/A	N/A	>999	500	V	0.71	21.8	~	N/A
8	EM 8th floor & fire escape stairs	0	С	10	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.50	N/A	N/A	>999	500	V	0.66	24.3	V	N/A
9	EM 9th floor & fire escape stairs	0	С	10	2.5	2.5	0.4	60898	С	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	0	С	5	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.44	N/A	N/A	>999	500	V	0.59	18.1	~	N/A
11	EM main stairs	0	С	20	2.5	2.5	0.4	61009	С	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
	STRIBUTION BOARD (DB) DETA be completed in every case)		DB desi Locatio	5		Emerg			TEST	ED BY		ime (capi jnature:	Laisj		•••••	ARDS					1. Electri 4/10/20					······
Т) BE COMPLETED ONLY IF THE		S NOT	CON	VECTE		ЕСТІУ	TO THE	ORIGI	N OF	THF IN	ISTAL	ATION				TEST	NSTRL	IMENTS	S (enter :	serial nu	mber	agains	t each ir	strumen	t used)
Su	pply to DB is from: (Main Panel Boa	rd - 12	2L3)						of phases	: (.1)	Multi-fu (1008	inction: 121101	865459)	Contir (N/A	nuity:)
	ercurrent protection device for the dis sociated RCD (if any) Type: (BS EN		on circ			S EN ⁶⁰ lo. of po				ıg: (32 ∖n (№/А			Once	ating tim	_ /N/A) ma	Insulati (N/A	on resist	ance:				fault lo	oop impe)
	aracteristics at this DB Confirmation of													-			Earth el (N/A	ectrode	resistan	ce:)	RCD: N/A)
Publ	orm is based on the model forms shown in App ished by Certsure LLP Certsure	LLP ope	erates th	ne NICEI	C & ELE			e in the respec @ Copyr					'here figur	e is not ta	ken from	<i>BS 7671,</i> st	ate sourc	e: (N/A)	Page	10	of 73



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CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

		I / MPN : SCHEDULE OF CIR	CUIT DE	TAILS	AND	TEST	RESUL	.TS	Circuit	s/equipr	nent vu	Inerabl	e to dam	iage wh	en testin	_g 1,2,3,4	,5,6,7,8	,9,10,11	,Neons	, electro	nic equi	pment					••••••
	COL	IES for Type of wiring (A) Thermoplastic in sheathed cables	usulated / (B) Thermopla metallic co	stic cables	ⁱⁿ (C)	Thermoplast non-metallic	tic cables in conduit	(D) ^{Thermo}	plastic cable trunking	^{es in} (E) Thermop	astic cables i Ilic trunking	ⁱⁿ (F) ^T	hermoplastic	SWA cables	(G) Thermo	osetting / SWA	cables (H) Mineral-ins	ulated cables	(O) othe	r - state:	FP20	C		
	ar	Circuit description				C	ircuit uctor csa			Protective			RCD			Circu	iit impedan	ces (Ω)		Insi	Ilation resis	tance	2	earth nce, <i>Zs</i>	RCD operating		est ttons
	Circuit number		Type of wiring	Reference Method	Number of points served			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum permitted Z _S for installed	Rin (me	g final circui asured end †		(comple	ircuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, <i>Zs</i>	time		
	0			Re	Numb	Live (mm ²)		(s)	8		(A)	ප් ප (kA)	(mA)	 (Ω)	(Line) r ₁	(Neutral) r _n	(cpc) r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(√)	an (Ω)	(ms)	RCD (√)	AFDD (√)
1	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
1	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
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L									helin n														<u> </u>				
		STRIBUTION BOARD (DB) D be completed in every case)	ETAILS	DB de: Locatio	signatic on of DI	_{n:} Elec	trical pl	gency lig ant roor	nting N	TEST	ED BY					N RICH						1: Electri 4/10/20					
Γ	то	BE COMPLETED ONLY IF 1	THE DB	S NO	r con	NECT	ED DIR	RECTLY	TO THE	ORIGI	N OF	THE I	VSTALI		J			TEST	NSTRL	IMENT	S (enter :	serial nu	mber	agains	t each in	strumen	t used)
	Sup	ply to DB is from: (Main Panel	Board - 1	2L3)	Nomi	inal vol	tage: (?				s: (.1)	Multi-fu (1008	inction: 121101	865459)	Conti (N/A	nuity:)
		rcurrent protection device for th ociated RCD (if any) Type: (BS											N	One	rating tir	", N/A) mc	Insulati	on resist	ance.			Earth	fault lo	ami ao		
	Cha	racteristics at this DB Confirmat	tion of supp	ly polar	, ity: (/)	Phase se	equence	, confirmed	(where	approp	riate): (.	NA) .	Z _s (0.17)Ω	I _{pf} (^{1.39}) kA	Earth e (N/A (ectrode	resistan	ce:))
Ρ	ublis	rm is based on the model forms shown ir shed by Certsure LLP Certs rick House, Houghton Hall Park, Hou	sure LLP of	erates	he NICI	EIC & EL			e in the respe @ Copy	ective field right Ce				/here figu	ure is not t	aken from	<i>BS 7671</i> , s	state sourc	e: ()	Page	17	of 73



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Original (to the person ordering the work)

CONTINUATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

		T DE	TAILS	AND 1	FEST R	ESUL	ГS	Circuits	/equip					n testing	1,2,3,4	,5,6,7,8	,9,10,11	,12,13,1	Neons, e	electroni	c equip	ment	i			
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{d /} (B)	Thermoplas metallic cor	tic cables in Iduit	n (C) n	hermoplasti on-metallic (c cables in conduit	(D) ^{Thermop} metallic t	lastic cable trunking	^{es in} (E	E) Thermopl non-meta	astic cables ii Ilic trunking	ⁿ (F)™	ermoplastic /	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-insu	ulated cables	(O) othe	r - state:	N/A			
-ia	Circuit description	D	hod	served		cuit ctor csa	tion 1)	F	Protective	device		RCD	rmitted alled evice*		Circu	it impedanc	ces (Ω)		Insu	lation resist	tance	5	l earth ince, <i>Zs</i>	RCD operating		Test ittons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum permitted Z _S for installed protective device*	Ring (mea	final circuit asured end t		(comple	rcuits æ at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Z	time		AFDD
_			Re	Numt	Live (mm ²)	cpc (mm ²)	≦ (s)			(A)	్ ు (kA)	(mA)	(Ω)	(Line) r1	(Neutral)	(cpc) r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	()	tan (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	V	N/A	N/A	N/A	N/A
1	Sockets room 2 & 3	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.59	N/A	N/A	>999	500	V	0.85	27.4	~	N/A
2	Sockets room 6 & 7	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.31	N/A	N/A	>999	500	V	0.47	26.9	~	N/A
3	Sockets room 8 & 9 &10	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.87	N/A	N/A	21.4	500	V	1.00	27.3	~	N/A
4	Sockets room 1	D	В	2	2.5	2.5	0.4	61009	С	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	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.59	N/A	N/A	627	500	V	0.75	28.3	~	N/A
6	Sockets kitchen & hob spur	D	В	4	4	4	0.4	61009	С	32	10	30	0.54	0.55	0.55	0.57	0.25	N/A	N/A	>999	500	V	0.46	24.2	~	N/A
7	Sockets corridor	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	0.90	0.93	0.93	0.49	N/A	N/A	>999	500	V	0.29	26.7	~	N/A
3	Hydro boil kitchen	D	В	2	4	4	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.40	N/A	N/A	>999	500	V	0.57	26.4	~	N/A
9	Sockets kitchen	D	В	N/A	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	LIM	N/A	N/A	N/A	500	V	N/A	27.8	~	N/A
10	Cooker	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.54	N/A	N/A	55.6	500	V	0.71	18.9	~	N/A
11	Lights 5/6/7/8/9/10	D	В	25	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.72	N/A	N/A	3.62	500	V	1.09	16.1	~	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	В	19	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.71	N/A	N/A	17.1	500	V	1.03	15.8	~	N/A
13	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	10	10	N/A	1.74	N/A	N/A	N/A	LIM	N/A	N/A	>999	500	V	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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	ignatior n of DB	_{n:} DB 9- . 9th flo	1 Dor			TEST	ED BY			1212	N N	N RICHA					Position Date:						
то) BE COMPLETED ONLY IF THE	DB I	S NOT	CONI	NECTE	D DIR	ECTLY	TO THE	ORIGI	N OF	THE IN	ISTALL	ATION				TEST I	NSTRL	JMENT	S (enter s	serial nu	mber	against	each in	strumen	ıt used)
	pply to DB is from: (Main Panel Boa											30) V	No. c	of phases	s: (<mark>1</mark>	.)	Multi-fu (1008	nction: 121101	865459)	Contii (N/A (nuity:			
	ercurrent protection device for the dis sociated RCD (if any) Type: (BS EN)		ig: (25 (N//			Ωner	ating tim	ie (N/A) ms	Insulati (N/A					Earth (N/A	fault lo	op impe	dance:	
	aracteristics at this DB Confirmation of																Earth el (N/A	ectrode	resistan	ce:)	RCD: (N/A (
Publi	orm is based on the model forms shown in App shed by Certsure LLP Certsure	LLP ope	erates th	ne NICE	IC & ELE	nter a (🗸 CSA bra	') or value inds	e in the respe @ Copy			propriate _LP (July		/here figu	re is not ta	ken from I	B <i>S 7671</i> , s		NI/A)	Page		of 73



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CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

N CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS Issued in accordance with BS 7671: 2018 – Requirements for Electrical Installations

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11, Neons, electronic equipment ICN / VPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS (0) other - state: N/A Thermoplastic cables in (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking Thermoplastic insulated / Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables **CODES for Type of wiring** (B) metallic conduit (C) non-metallic conduit (A) Thermoplastic in sheathed cables Maximum permitted Z_{S} for installed protective device* easured earth impedance. Zs Circuit RCD Circuit description of points served Protective device Circuit impedances (Q) Insulation resistance RCD Test conductor csa disconnection operating Type of wiring (see Codes) Polarity buttons Reference Methu (BS 7671) time (BS 7671) Operating current, I_{An} time All circuits Circuit nun Short-circuit capacity Live / Test Ring final circuits only Live / (complete at least BS (EN) .. mer Rating (measured end to end) voltage Live Earth Type one column) DC Max. ault lo Number Max. RCD AFDD Live срс (Line) (Neutral) (cpc) (1) (1) () (MΩ) (MΩ) (Ω) (ms) (mm²) (mm²) (s) (A) (kA) (mA) (Ω) $(R_{1} + R_{2})$ R, (V) r1 r_n r_2 Ŵ. N/A N/A N/A N/A N/A N/A 60947-3 3 100 N/A Main switch Sockets room 2 & 3 D В Δ 2.5 2.5 0.4 61009 С 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 D В 2.5 С 16 27.2 Sockets room 14/15 4 2.5 0.4 61009 10 30 1.08 N/A N/A N/A 0.15 N/A N/A >999 500 ~ 0.25 N/A ~ 27.5 D В 2.5 С 16 10 N/A N/A 0.21 Sockets room 16/17 6 2.5 0.4 61009 30 1.08 N/A N/A 0.12 N/A >999 500 1 V N/A Sockets room 18/19 D B 2 2.5 2.5 0.4 61009 С 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 1 D 2.5 2.5 С Sockets room 20 В Δ 0.4 61009 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 V D в 2 0.4 С 32 10 N/A 26.8 6 Sockets corridor 1 61009 30 0.54 0.49 0.47 0.49 0.22 N/A >999 500 ~ 0.15 1 N/A в С Δ 2.5 0.4 32 30 N/A 27.8 Sockets kitchen & hob spur А 1.5 61009 10 0.54 1.13 1.14 1.85 0.74 N/A >999 500 V 0.53 N/A 1 D в С Lights 11/12/13/14 25 1.5 1.5 0.4 10 10 30 500 61009 1.74 N/A N/A N/A 0.15 N/A N/A >999 V 0.27 16.8 N/A 1 Lights 15/16/17/18/19/20 D в 19 1.5 1.5 0.4 61009 С 10 10 30 1.74 N/A N/A N/A N/A N/A 756 500 2.14 16.1 1.88 1 N/A ~ D В 1.5 1.5 0.4 С 1.74 10 Unknown N/A 60898 10 10 N/A N/A N/A N/A LIM N/A N/A >999 500 ~ Lim N/A N/A N/A С V 11 Cooker в 2 6 2.5 0.4 61009 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 Α V 12 N/A Spare N/A 13 Spare N/A 14 Spare N/A 15 Spare 16 Spare N/A Position: Electrician DB designation: DB 9-2 **GRAYSON RICHARDS DISTRIBUTION BOARD (DB) DETAILS TESTED BY** Name (capitals): Location of DB: 9th floor RD Date: 04/10/2022 (to be completed in every case) TEST INSTRUMENTS (enter serial number against each instrument used) 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 Continuity: Multi-function: , 1008121101865459 Nominal voltage: (230....) V No. of phases: (1......)) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2 Rating: (63....) A) Insulation resistance: Earth fault loop impedance: $\sqrt{N/A}$ Associated RCD (if any) Type: (BS EN N/A Operating time (N/A) ms No. of poles: (2.....) $I_{\Delta n}$ (N/A) mA) Earth electrode resistance: RCD· (N/A (..... **Characteristics at this DB** Confirmation of supply polarity: (......) Phase sequence confirmed (where appropriate): ($\sum_{n=1}^{NA} 2_{s} \left(\sum_{n=1}^{n} 2_{s} \right) \right) \right) \right)$

AFDD

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (\checkmark) or value in the respective fields, as appropriate. * Where figure is not taken from *BS 7671*, state source: ($\frac{N/A}{\dots}$ Published by Certsure LLP Certsure LLP operates the NICEIC & ELECSA brands @ Copyright Certsure LLP (July 2018) Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX





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ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

		IT DE	TAILS	AND 1	TEST I	RESUL	ГS	Circuits	/equipr	nent vu	Inerabl	e to dam	age whe	n testing	,2,3,4,	5,6,7,8,9	,10,11,1	2,Neor	ns, electi	ronic eq	uipmer	nt			•••••	
	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	ed / (B)	Thermopla: metallic co	stic cables ir Induit	n (C) n	'hermoplastio Ion-metallic I	c cables in conduit	(D) ^{Thermop} metallic t	lastic cable runking	^{is in} (E) Thermopl non-meta	astic cables ir Ilic trunking	1 (F) The	ermoplastic / 3	SWA cables	(G) Thermo	setting / SWA	cables (F) Mineral-insu	lated cables	(() othe	er - state:	FP200)		
_	Circuit description		po	erved		rcuit ctor csa	ion (rotective	device		RCD	n permitted installed ve device*		Circu	uit impedanc	es (Ω)		Insu	lation resis	tance		earth nce, Zs	RCD operating		lest ttons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	cpc	Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum per Z _S for insta protective de		final circui sured end (Neutral)	to end)	(comple	rcuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured (fault loop impedar	time	RCD	AF
				_	(mm ²)	(mm ²)	(s)	000/7-0		(A)	(kA)	(mA)	(Ω)	r ₁	r _n	r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(√)	(Ω)	(ms)	(√)	(./
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3		100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	V	N/A	N/A	N/A	N/A
	Sockets room 20	D	В	3	2.5	2.5	0.4		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
	Sockets room 18/19	D	B	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.39	N/A	N/A	145	500	~		23.7	~	N/A
	Sockets room 16/17	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.25	N/A	N/A	98.4	500	V		34.4	~	N/A
	Sockets room 11/12/13	D	В	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	/		31.9	/	N/A
	Sockets room 14/15	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.36	N/A	N/A	223	500	~		29.6	~	N/A
	Sockets kitchen & hob spur	A	В	7	2.5	1.5	0.4	61009	С	32	10	30	0.54	0.28	0.31	0.49	0.29	N/A	N/A	63	500	~		28.7	~	N/A
	Sockets corridor	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.22	N/A	N/A	>999	500	~		34.3	~	N/A
	Lights 11/12/13/14/kitchen	D	В	14	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.84	N/A	N/A	346	500	~		22.4	~	N/A
	Lights 15/16/17/18/19/20	D	В	13	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.79	N/A	N/A	74.2	500	~		21.4	~	N/A
0	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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
1	Fire alarm	0	В	2	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.90	N/A	N/A	>999	N/A	-		21.4	~	N/A
2	Cooker	A	В	2	6	2.5	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.53	N/A	N/A	744	500	~		34.6	~	N/A
3	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
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
	STRIBUTION BOARD (DB) DETA	ILS	DB des Locatio	signation on of DB	n:DB 8 . 8th fle	-2 por	 	······	TEST	 ED BY				AYSON		ARDS			·····	Positior Date:			 		 	
Su	BE COMPLETED ONLY IF THE	ard - 3L	_3)	Nomi	nal volt	tage: (?				s: (<mark>1</mark>)			JMENT: 865459	S (enter :	serial nu)	Imber Conti (N/A	nuity:	t each in	strumen	it use
As	ercurrent protection device for the di sociated RCD (if any) Type: (BS EN	N/A	• • • • • • • • • • •)	ſ	No. of po	oles: (N	/A)	١ _٨) m/			ating tim			Insulati (<mark>N/A</mark> Earth el)	(N/A		op impe		
Cha	aracteristics at this DB Confirmation	of suppl	ly polari	ity: (confirmed (NI/A	resistan)	(Ň/Ă				
ıbli	orm is based on the model forms shown in App shed by Certsure LLP Certsure	LLP op	erates t	he NICE	IC & ELE			e in the respe @ Copy					here figur	re is not ta	ken from	<i>BS 7671</i> , st	tate sourc	e: (N/A)	Page	20	of



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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

		IT DE	FAILS	AND 1	TEST R	ESUL	TS	Circuits	s/equip	ment vu	Inerabl	e to dam	age whe	n testing	1,2,3,4	,5,6,7,8,	9,10,11	,12,13,1	Neons, e	electroni	c equip	men				
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{d /} (B)	Thermoplas metallic cor	itic cables i nduit	n (C) n	nermoplasti on-metallic	c cables in conduit	(D) ^{Thermop} metallic	lastic cable trunking	^{es in} (E) Thermopl non-meta	astic cables i Ilic trunking	n (F) The	ermoplastic /	SWA cables	(G) Thermos	setting / SWA	cables (H) Mineral-insi	ulated cables	(O) other	- state:	N/A			
er	Circuit description	6. (thod	served		cuit ctor csa	ction 1)	1	Protective	e device	1	RCD	n permitted installed ve device*		Circu	iit impedanc	es (Ω)		Insu	ulation resis	tance	ţ	asured earth mpedance, <i>Zs</i>	RCD operating		Test ittons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum pe Zs for inst protective d	Ring (mea	final circuit asured end t		(complet	rcuits e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured e fault loop impedan	time	RCD	AFDI
			8	Num	Live (mm ²)	cpc (mm ²)	≥ (s)			(A)	(kA)	(mA)	(Ω)	(Line) r ₁	(Neutral) r _n	(cpc) <i>r</i> 2	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	a (Ω)	(ms)	(100	(1)
	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	В	6	2.5	2.5	0.4	61009	С	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	В	4	2.5	2.5	0.4	61009	С	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	В	4	2.5	2.5	0.4	61009	С	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	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.39	N/A	N/A	118	500	V	0.47	28.1	~	N/A
5	Sockets room 1	D	В	3	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.42	N/A	N/A	75.5	500	V	0.58	27.7	~	N/A
6	Sockets corridor	D	В	3	4	4	0.4	61009	С	32	10	30	0.54	0.73	0.72	0.74	0.35	N/A	N/A	110	500	V	0.54	27.1	~	N/A
7	Sockets kitchen & hob spur	D	В	6	4	4	0.4	61009	С	32	10	30	0.54	0.27	0.27	0.27	0.15	N/A	N/A	131	500	V	0.27	27.6	~	N/A
8	Socket kitchen	D	В	1	4	4	0.4	61009	С	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	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.40	N/A	N/A	>999	500	V	0.50	28.9	~	N/A
10	Hydro boil kitchen	D	В	2	4	4	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.30	N/A	N/A	>999	500	V	0.46	16.4	~	N/A
11	Lights 5/6/7/8/9/10	D	В	25	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.5	N/A	N/A	283	500	V	1.72	16.1	~	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	В	21	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.55	N/A	N/A	>999	500	V	1.70	16.6	V	N/A
13	Single light corridor	D	В	1	1.5	1.5	0.4	61009	С	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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	ignatio n of DB	_{n:} DB 8- . 8th flo	1 oor			TEST	ED BY				N N	N RICHA						. Electri 5/10/20					
т	BE COMPLETED ONLY IF THE			CON	NECTE	פוח ח	FCTIV		ORICI								TEST I	NSTRU	JMENT	S (enter :	serial nu	mber	agains	t each ir	strumer	nt used)
	pply to DB is from: (Main Panel Boa														s: (<mark>1</mark>	.)			865459	-			nuity:			
	ercurrent protection device for the dis sociated RCD (if any) Type: (BS EN)		ig: (<mark>63</mark> / N/A			0		ie (N/A		Insulati (N/A	on resist	tance:)	Earth N/A	fault lo	oop impe	adance:	
	aracteristics at this DB Confirmation of) kA	Earth el (N/A	ectrode	resistan	ce:)	RCD: N/A				
	orm is based on the model forms shown in App shed by Certsure LLP Certsure							e in the respe @ Copy					/here figur	re is not ta	ken from i	<i>BS 7671</i> , st		NI/A)			of 73



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

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CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

		IT DE	TAILS	AND [.]	TEST F	RESUL	TS	Circuits	s/equip	nent vu	Inerabl	e to dam	age whe	n testing	1,3,4,5	,6,7,Nec	ons,Elec	tronic E	quipme	nt.						
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{ed /} (B)	Thermoplas metallic cor	tic cables i Iduit	n (C) ^T	hermoplastic on-metallic c	c cables in conduit	(D) ^{Thermop} metallic	lastic cable trunking	^{es in} (E) Thermopl	astic cables i llic trunking	ⁿ (F)⊺h	ermoplastic / S	SWA cables	(G) Thermos	setting / SWA	cables (H) Mineral-inst	ulated cables	(O) other	r - state:	N/A			
La La	Circuit description	5	hod	served		cuit ctor csa	tion 1)		Protective	device		RCD	rmitted alled evice*		Circu	iit impedanc	es (Ω)		Insu	Ilation resis	tance	ty	easured earth impedance, Zs	RCD operating		est ttons
Circuit number		Type of wirin (see Codes	Reference Method (BS 7671)	Number of points served			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $l_{\Delta n}$	Maximum perm Zs for install protective dev	Ring (mea	final circuit sured end t		(complet	rcuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured ault loop impeda	time	RCD	AFDD
			~	Num	Live (mm ²)	cpc (mm ²)	≥ (s)			(A)	(kA)	(mA)	(Ω)	(Line) r ₁	(Neutral) <i>r_n</i>	(cpc) <i>r₂</i>	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)		(ms)	(√)	(√)
	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	С	2	2.5	2.5	0.4	60898	С	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	С	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	В	В	1	2.5	2.5	0.4	60898	В	20	6	N/A	0.87	N/A	N/A	N/A	N/A	N/A	N/A	>999	500	V	N/A	N/A	N/A	N/A
4	Lights lift plant room	В	В	4	1.5	1.5	0.4	60898	С	6	10	N/A	2.91	N/A	N/A	N/A	0.96	N/A	N/A	714	500	V	1.43	N/A	N/A	N/A
5	Lights lift car evens	В	В	1	1.5	1.5	0.4	60898	С	6	10	N/A	2.91	N/A	N/A	N/A	N/A	N/A	N/A	139	500	V	N/A	N/A	N/A	N/A
6	Lights lift shaft	В	В	N/A	1.5	1.5	0.4	60898	С	6	10	N/A	2.91	N/A	N/A	N/A	N/A	N/A	N/A	618	500	V	N/A	N/A	N/A	N/A
7	Lights lift car odds	В	В	1	1.5	1.5	0.4	60898	С	6	10	N/A	2.91	N/A	N/A	N/A	N/A	N/A	N/A	251	500	V	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
D	STRIBUTION BOARD (DB) DETA	ILS	DB des	ignatio	_{n:} DB lif	t room			TEST	ED BY	Na	me (capi	tals): GF	RAYSON	I RICHA	RDS					Electri					
(to	be completed in every case)		Locatio	n of DB	B: Lift ro	om								22						Date:	4/10/20	22				
							FOTIN	TO TUE	0.0101								тесті	ΝΟΤΡΙ	JMENT	S lantar	norial nu	mhor	ogoine	t oo oh ir	otrumon	(hoout
	BE COMPLETED ONLY IF THE																							t each h	Istrumen	useu)
Su	pply to DB is from: (Main Panel Boa	ard - 6L	_2)	Nom	inal volt	age: (N	I/A) V	No. d	of phases	: (N/A	.)	(1008)	121101	865459)	N/A	nuity:)
0v	ercurrent protection device for the di	istributi	on circ	uit ⁻	Type: (B	S EN 60	947-2)	Ratin	g: (63) A						Insulati	on resist	tance:		·	Earth	fault lo	oop imp	edance:	,
Δ٩	sociated RCD (if any) Type: (BS EN	N/A		١	N	lo of po	les' (2)	1.	N/A	۸) m ۵		Ωner	ating tim	_{e (} N/A) ms	NI/A					(N/A)
	aracteristics at this DB Confirmation																Earth el	ectrode	resistan	ce:		RCD: , N/A				,
																						()
Publi	orm is based on the model forms shown in App shed by Certsure LLP Certsure	LLP op	erates th	ne NICE	IC & ELE	nter a (🖌 CSA bra) or valu inds	e in the respe @ Copy				. * W 2018)	nere tigu	re is not ta	ken from l	<i>BS 7671</i> , st	ate sourc	e: ()	Page	22	of 73



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CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION RE

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

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11, Neons, electronic equipment ICN / VPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS (0) other - state: N/A Thermoplastic cables in (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking Thermoplastic insulated / Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables **CODES for Type of wiring** (B) metallic conduit (C) non-metallic conduit (A) Thermoplastic in sheathed cables Maximum permitted Z_{S} for installed protective device* easured earth impedance. Zs Circuit RCD Circuit description of points served Protective device Circuit impedances (Q) Insulation resistance RCD Test conductor csa disconnection operating Type of wiring (see Codes) Polarity buttons Reference Methu (BS 7671) time (BS 7671) Operating current, I_{An} time All circuits Circuit nun Short-circuit capacity Live / Test Ring final circuits only Live / (complete at least BS (EN) t. met Rating (measured end to end) voltage Live Earth Type one column) DC Max. ault lo Number Max. RCD AFDD Live срс (Line) (Neutral) (cpc) (1) (1) () (MΩ) (MΩ) (Ω) (ms) (mm²) (mm²) (s) (A) (kA) (mA) (Ω) $(R_{1} + R_{2})$ R, (V) r1 r_n r₂ Ŵ. N/A N/A N/A N/A N/A N/A 60947-3 3 100 N/A Main switch Sockets room 11/12/13 D В 6 2.5 2.5 0.4 61009 С 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 D В 2.5 С 16 0.42 29.1 Sockets room 14/15 4 2.5 0.4 61009 10 30 1.08 N/A N/A N/A 0.29 N/A N/A 242 500 ~ N/A ~ D В 2.5 С 16 10 N/A N/A 0.29 Sockets room 16/17 4 2.5 0.4 61009 30 1.08 N/A N/A 0.20 N/A 946 500 1 28.4 V N/A Sockets room 18/19 D B 2 2.5 2.5 0.4 61009 С 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 1 D 2.5 2.5 С Sockets room 20 В Δ 0.4 61009 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 V D в 2 0.4 С 32 10 N/A 0.31 6 Sockets corridor 1 61009 30 0.54 0.38 0.38 0.39 0.17 N/A 185 500 ~ 18.1 1 N/A С С D 2.5 0.4 32 30 N/A Sockets kitchen & hob spur 1.5 61009 10 0.54 0.32 0.35 0.32 0.19 N/A >999 500 V 0.29 34.4 N/A 1 в С Lights 15/16/17/18/19/20 13 1.5 1.5 0.4 10 10 30 N/A N/A N/A A 61009 1.74 N/A 0.89 N/A 94.7 500 V 1.09 16.1 N/A 1 Lights 11/12/13/14 D в 19 1.5 1.5 0.4 61009 С 10 10 30 1.74 N/A N/A N/A N/A N/A 101 500 1.41 16.6 N/A 0.99 1 V D В 1.5 1.5 0.4 С 1.74 667 10 Unknown N/A 60898 10 10 N/A N/A N/A N/A LIM N/A N/A 500 N/A N/A N/A N/A N/A С 11 Cooker в 2 6 2.5 0.4 61009 32 10 30 0.54 N/A N/A N/A 0.30 N/A N/A >999 500 V 0.39 29.9 N/A Α V 12 N/A Spare N/A 13 Spare N/A 14 Spare N/A 15 Spare 16 Spare N/A Position: Electrician DB designation: DB 7-2 **GRAYSON RICHARDS DISTRIBUTION BOARD (DB) DETAILS TESTED BY** Name (capitals): Location of DB: 7th floor RD Date: 04/10/2022 (to be completed in every case) TEST INSTRUMENTS (enter serial number against each instrument used) 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 Continuity: Multi-function: , 1008121101865459 Nominal voltage: (230....) V No. of phases: (1......)) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2 Rating: (63....) A) Insulation resistance: Earth fault loop impedance: $\sqrt{N/A}$ Operating time (N/A) ms Associated RCD (if any) Type: (BS EN N/A No. of poles: (2.....) $I_{\Delta n}$ (N/A) mA) Earth electrode resistance: RCD· (N/A (..... **Characteristics at this DB** Confirmation of supply polarity: (......) Phase sequence confirmed (where appropriate): ($\sum_{n=1}^{NA} 2_{s} (0.09) \Omega = l_{of} (2.7) \Omega = l_{o} (2.7) \Omega = l_{o} (2.7) \Omega = l_{o} (2.7) \Omega = l_{o} (2.7)$ * Where figure is not taken from *BS 7671*, state source[.] (N/A This form is based on the model forms shown in Appendix 6 of BS 7671 Enter a (\checkmark) or value in the respective fields, as appropriate. of 73 23 Published by Certsure LLP Certsure LLP operates the NICEIC & ELECSA brands @ Copyright Certsure LLP (July 2018)

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Original (to the person ordering the work)

CONTINUATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

		IT DE	TAILS .	AND 1	TEST R	ESUL	ГS	Circuits	s/equip					n testing	1,2,3,4	,5,6,7,8	,9,10,11	,12,13,	Neons, e	electroni	c equip	ment	: 			
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{d /} (B)	Thermoplas metallic cor	itic cables in nduit	n (C) n	hermoplasti on-metallic (c cables in conduit	(D) ^{Thermop} metallic t	lastic cable trunking	^{es in} (E	E) ^{Thermopl} non-meta	astic cables i Ilic trunking	n (F) Th	ermoplastic / 3	SWA cables	(G) Thermo	osetting / SWA	cables (F) Mineral-insi	ulated cables	(O) othe	r - state:	N/A			
er	Circuit description	5	hod	served		cuit ctor csa	tion 1)	F	Protective	device		RCD	rmitted alled evice*		Circu	it impedano	ces (Ω)		Insu	ulation resist	tance	4	l earth ince, Zs	RCD operating		Test ittons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum permitted Z _S for installed protective device*	Ring (mea	final circuit asured end t		(comple	ircuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	time	RCD	AFDD
			Be	Num	Live (mm ²)	cpc (mm ²)	≅ (s)			(A)	ら (kA)	(mA)	(Ω)	(Line) r1	(Neutral)	(cpc) r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(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	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.1	N/A	N/A	N/A	0.33	N/A	N/A	>999	500	V	0.55	28.1	~	N/A
2	Sockets room 6 & 7	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.1	N/A	N/A	N/A	0.30	N/A	N/A	622	500	V	0.35	27.7	~	N/A
3	Sockets room 2 & 3	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.1	N/A	N/A	N/A	0.32	N/A	N/A	>999	500	V	0.44	27.5	V	N/A
4	Sockets room 4 & 5	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.1	N/A	N/A	N/A	0.31	N/A	N/A	128	500	V	0.17	18.9	~	N/A
5	Sockets room 1	D	В	2	2.5	2.5	0.4	61009	С	16	10	30	0.54	N/A	N/A	N/A	0.29	N/A	N/A	16.0	500	V	0.39	28.5	~	N/A
6	Sockets kitchen & hob spur	D	В	4	4	4	0.4	61009	С	32	10	30	0.54	0.28	0.24	0.28	0.17	N/A	N/A	12.0	500	V	0.19	24.5	~	N/A
7	Sockets corridor	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	0.25	0.26	0.29	0.14	N/A	N/A	81.5	500	V	0.21	24.4	~	N/A
8	Cooker	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.38	N/A	N/A	121	500	V	0.53	19	~	N/A
9	Socket kitchen	D	В	1	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.40	N/A	N/A	>999	500	V	0.33	19	~	N/A
10	Hydro boil kitchen	D	В	2	4	4	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.30	N/A	N/A	>999	500	V	0.42	18.9	~	N/A
11	Lights 1/2/3/4 kitchen & bathroon	nD	В	19	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.80	N/A	N/A	388	500	V	2.12	18.8	V	N/A
12	Lights 5/6/7/8/9/10	D	В	25	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.51	N/A	N/A	801	500	V	1.73	18.9	V	N/A
13	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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
																						1			<u> </u>	1
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	ignatior n of DB	n: DB 7- 7th flo	1 Dor			TEST	ED BY				N X	N RICHA					Position Date:					·····	
	BE COMPLETED ONLY IF THE																			S (enter s			-	each in	strumen	rt used)
	pply to DB is from: (Main Panel Boa									inal vol	tage: (2	30) V	No. c	of phases	s: (1	.)	(1008	121101	865459)	Contin (N/A)
	ercurrent protection device for the di sociated RCD (if any) Type: (BS EN)		g: (63 / N//			0	- 4 ¹ 4 ¹	ie (N/A		Insulati	on resis [.]	tance:			Earth		op impe	dance:	,)
	aracteristics at this DB Confirmation of								-								Earth e	lectrode	resistan			RCD: N/A				,)
Publi	orm is based on the model forms shown in App shed by Certsure LLP Certsure	LLP op	erates th	ne NICE	IC & ELE	nter a (🗸 CSA bra) or value Inds	e in the respe @ Copy					/here figur	re is not ta	ken from I	<i>BS 7671</i> , s		NI/A)			of 73



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CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

N GERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS Issued in accordance with BS 7671: 2018 – Requirements for Electrical Installations

Circuits/equipment vulnerable to damage when testing 1,2,3,4,5,6,7,8,9,10,11, Neons, electronic equipment ICN / VPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS (0) other - state: N/A Thermoplastic cables in (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking Thermoplastic insulated / Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables **CODES for Type of wiring** (B) metallic conduit (C) non-metallic conduit (A) Thermoplastic in sheathed cables Maximum permitted Z_{S} for installed protective device* easured earth impedance. Zs Circuit RCD Circuit description of points served Protective device Circuit impedances (Q) Insulation resistance RCD Test conductor csa disconnection operating Type of wiring (see Codes) Polarity buttons Reference Methu (BS 7671) time (BS 7671) Operating current, I_{An} time All circuits Circuit nun Short-circuit capacity Live / Test Ring final circuits only Live / (complete at least BS (EN) t. met Rating (measured end to end) voltage Live Earth Type one column) DC Max. ault lo Number Max. RCD AFDD Live срс (Line) (Neutral) (cpc) (1) (1) () (MΩ) (MΩ) (Ω) (ms) (mm²) (mm²) (s) (A) (kA) (mA) (Ω) $(R_{1} + R_{2})$ R, (V) r1 r_n r_2 Ŵ. N/A N/A N/A N/A N/A N/A 60947-3 3 100 N/A Main switch Sockets room 16/17 D В Δ 2.5 2.5 0.4 61009 С 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 D В 2.5 С 16 27.9 Sockets room 18/19 4 2.5 0.4 61009 10 30 1.08 N/A N/A N/A 0.18 N/A N/A >999 500 ~ 0.35 N/A ~ ' V D В 2.5 С 16 10 N/A N/A 27.4 Sockets room 14/15 4 2.5 0.4 61009 30 1.08 N/A N/A 0.15 N/A >999 500 0.20 V N/A Sockets room 11/12/13 n B 6 2.5 2.5 0.4 61009 С 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 1 D 2.5 2.5 С Sockets room 20 В Δ 0.4 61009 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 V В 2.5 1.5 0.4 С 32 10 N/A 27.3 6 Sockets kitchen & hob spur A 4 61009 30 0.54 1.38 1.38 2.28 0.94 N/A >999 500 ~ 0.22 1 N/A D в С 2 0.4 32 30 N/A 28.1 Sockets corridor 61009 10 0.54 1.90 1.90 1.90 0.92 N/A 9.63 500 V 0.17 N/A 1 D С Lights 11/12/13/14 в 25 0.4 10 10 30 N/A 500 1.5 1.5 61009 1.74 N/A N/A 1.1 N/A N/A 776 V 1.73 18.1 N/A 1 Lights 15/16/17/18/19/20 D в 19 1.5 1.5 0.4 61009 С 10 10 30 1.74 N/A N/A N/A N/A N/A >999 500 1.73 18.7 1.60 1 N/A ~ D В 1.5 1.5 0.4 С 1.74 10 Unknown N/A 60898 10 10 N/A N/A N/A N/A N/A N/A N/A >999 500 N/A N/A N/A N/A N/A С 11 Cooker в 2 6 2.5 0.4 61009 32 10 30 0.54 N/A N/A N/A 0.29 N/A N/A 86.4 500 V 0.51 19.1 N/A Α V 12 N/A Spare N/A 13 Spare N/A 14 Spare N/A 15 Spare 16 Spare N/A Position: Electrician DB designation: DB 6-2 **GRAYSON RICHARDS DISTRIBUTION BOARD (DB) DETAILS TESTED BY** Name (capitals): Location of DB: 6th floor RD Date: 04/10/2022 (to be completed in every case) TEST INSTRUMENTS (enter serial number against each instrument used) 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 Continuity: Multi-function: , 1008121101865459 Nominal voltage: (230....) V No. of phases: (1......)) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2 Rating: (63....) A) Insulation resistance: Earth fault loop impedance: $\sqrt{N/A}$ Associated RCD (if any) Type: (BS EN N/A Operating time (N/A) ms No. of poles: (2.....) $I_{\Delta n}$ (N/A) mA) Earth electrode resistance: RCD· (N/A (..... **Characteristics at this DB** Confirmation of supply polarity: (....) Phase sequence confirmed (where appropriate): ($\frac{N/A}{2s}$, $\frac{0.33}{2s}$, $\Omega = I_{pf}$, $\frac{0.664}{2s}$, kA

This form is based on the model forms shown in Appendix 6 of *BS 7671* Enter a (\checkmark) or value in the respective fields, as appropriate. *Where figure is not taken from *BS 7671*, state source: ($\frac{N/A}{\dots}$ Published by Certsure LLP Certsure LLP Operates the NICEIC & ELECSA brands @ Copyright Certsure LLP (July 2018) Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX



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CONTINUATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

	N / APPN : SCHEDULE OF CIRCUI													n testing	1,2,3,4	,5,6,7,8	,9,10,11	,12,13,1	Neons, e	electroni						
CO	DES for Type of wiring (A) Thermoplastic insulated sheathed cables	^{i/} (B)	Thermoplas metallic con	tic cables ir Iduit	n (C) n	hermoplastic on-metallic c	cables in conduit	(D) Thermop metallic t	lastic cable trunking	^{es in} (E	E) ^{Thermopl} non-meta	astic cables i llic trunking		ermoplastic /	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-insu	ilated cables	(O) othe	er - state:	N/A			
er	Circuit description	b (thod	points served		cuit ctor csa	ction (1)	F	Protective	device	1	RCD	ermitted talled levice*		Circu	iit impedano	ces (Ω)		Insu	lation resist	ance	≥	d earth ance, <i>Zs</i>	RCD operating		Test uttons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, / _{An}	Maximum permitted Z _S for installed protective device*		l final circuit asured end t	to end)		rcuits e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	time	RCD	AFD
			~	Num	Live (mm ²)	cpc (mm ²)	≥ (s)			(A)	(kA)	(mA)	(Ω)	(Line) r ₁	(Neutral) r _n	(cpc) <i>r₂</i>	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	aj _ (Ω)	(ms)	(10)	(/
	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	V	N/A	N/A	N/A	N/A
	Sockets room 1	D	В	2	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.11	N/A	N/A	14.4	500	V	0.31	27.2	~	N/A
	Sockets room 8 & 9 &10	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.18	N/A	N/A	>999	500	V	0.32	27.4	~	N/A
	Sockets room 6 & 7	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.10	N/A	N/A	560	500	V	0.30	27.8	V	N/A
	Sockets room 2 & 3	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.21	N/A	N/A	>999	500	V	0.40	16.1	~	N/A
	Sockets room 4 & 5	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.15	N/A	N/A	162	500	V	0.23	27.8	~	N/A
	Sockets corridor	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	0.13	0.16	0.15	0.10	N/A	N/A	933	500	V	0.23	27.4	~	N/A
	Sockets kitchen & hob spur	D	В	4	4	4	0.4	61009	С	32	10	30	0.54	0.13	0.13	0.15	0.09	N/A	N/A	635	500	V	0.20	24.8	V	N/A
	Cooker	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.20	N/A	N/A	>999	500	V	0.39	18.9	~	N/A
	Socket kitchen	D	В	1	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.10	N/A	N/A	>999	500	V	0.30	16.9	~	N/A
0	Hydro boil kitchen	D	В	2	4	4	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.39	N/A	N/A	>999	500	V	0.59	16.8	V	N/A
1	Lights 5/6/7/8/9/10	D	В	25	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.30	N/A	N/A	413	500	V	1.50	16.4	V	N/A
2	Lights 1/2/3/4 kitchen & bathroom	D	В	19	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.56	N/A	N/A	84.1	500	V	1.74	16	V	N/A
3	Light corridor	D	В	1	1.5	1.5	0.4	61009	С	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
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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB desi Locatio	ignatior n of DB	_{n:} DB 6- . 6th flo	1 Dor			TEST	ED BY				× ×	N RICHA					Position Date:						
то	BE COMPLETED ONLY IF THE			CONI	NECTE		FCTIV	TO THE	ORIGI		THE IN	ISTALL	ΔΤΙΟΝ				TEST I	NSTRU	IMENT	S (enter s	serial nu	mber	against	t each ir	strumer	nt used
	oply to DB is from: (Main Panel Boa													of phases	s: (1)	Multi-fu (1008	nction: I 21101	865459		.)	Conti (N/A	nuity:			
	ercurrent protection device for the dis sociated RCD (if any) Type: (BS EN						947-2			ig: (<mark>63</mark> / N/A) A A) mA		0	- 4 ¹ 4 ¹	ne (N/A	1	Insulati (N/A	on resist	ance:)	Earth		op impe	edance:	
	aracteristics at this DB Confirmation of					•			_) ms) kA	Earth el (ectrode	resistan	ce:)	RCD N/A				
															•			, N/A			,	,				



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CONTINUATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

IC	N / 1998) : SCHEDULE OF CIRCU	IT DET	TAILS	AND 1	TEST F	RESUL	TS	Circuits	/equipr	nent vu	Inerabl	e to dam	age whe	n testing	1,2,3,4	1,5,6,7,8,	9,10,11	,12,Nec	ons, elec	ctronic e	quipme	nt				
(Delet	e as appropriate) DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{ed /} (B)	Thermoplas metallic co	stic cables ir nduit	י (C) ^ד	hermoplasti on-metallic	c cables in conduit	(D) ^{Thermop} metallic t	lastic cable runking	^{es in} (E) Thermopl non-meta	astic cables ii Ilic trunking	^ה (F) דו	ermoplastic / 3	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-insu	ulated cables	(O) othe	r - state:	FP20	0		
-	Circuit description		рог	served		rcuit ctor csa	tion)	P	rotective	device		RCD	rmitted alled evice*		Circ	uit impedanc	:es (Ω)		Insu	ulation resis	stance	Ń	earth nce, Zs	RCD operating		lest ttons
Circuit number		Type of wirin (see Codes)	Reference Method (<i>BS 7671</i>)	oer of points served			tx. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $l_{\Delta n}$	Maximum permitted Z _S for installed protective device*	Ring (mea	final circu sured end		(comple	ircuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	time		
			Re	Number	Live (mm ²)	cpc (mm ²)	(s) tim			(A)	హ్ (kA)	(mA)	(Ω)	(Line)	(Neutral) r _n) (cpc) r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(1)	an 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	V	N/A	N/A	N/A	N/A
1	Sockets room 18/19	D	в	2	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.19	N/A	N/A	>999	500	V	0.41	27.7	V	N/A
2	Sockets room 11/12/14	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.17	N/A	N/A	16.2	500	V	0.50	27.8	~	N/A
3	Sockets room 16/17	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.96	N/A	N/A	156	500	V	1.23	28.1	~	N/A
4	Sockets room 14/15	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.10	N/A	N/A	>999	500	V	0.22	19.1	V	N/A
5	Sockets room 20	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.13	N/A	N/A	>999	500	V	0.36	27.1	~	N/A
6	Sockets kitchen & hob spur	A	В	4	2.5	1.5	0.4	61009	С	32	10	30	0.54	1.23	1.22	2.00	0.84	N/A	N/A	>999	500	V	0.31	27.6	~	N/A
7	Sockets corridor	D	в	2	4	4	0.4	61009	С	32	10	30	0.54	1.53	1.50	1.50	0.75	N/A	N/A	132	500	V	0.20	27.4	~	N/A
8	Lights 11/12/13/14	D	В	25	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.10	N/A	N/A	508	500	V	1.41	18.9	V	N/A
9	Lights 15/16/17/18/19/20	D	В	19	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.91	N/A	N/A	>999	500	V	2.16	18.8	~	N/A
10	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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	0	С	2	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.29	N/A	N/A	>999	500	V	0.53	18.2	~	N/A
12	Cooker	A	В	2	6	2.5	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.31	N/A	N/A	>999	500	V	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
																						\square				1
Ι.	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	ignatior on of DB	n:DB 5∙ . 5th fle	-2 Dor			TEST	ED BY				RAYSON		ARDS			· · · · · ·		n: Electri 04/10/20			• • • • • • • • • • • • • • • • • • • •		
	BE COMPLETED ONLY IF THE																		JMENT				-	t each in	strumen	rt used)
	pply to DB is from: (Main Panel Boa											30) V	No. d	of phases	: (1)	Multi-fi (1008	inction: 121101	865459)	Conti (N/A	nuity:)
	ercurrent protection device for the di sociated RCD (if any) Type: (BS EN									g: (63 , N/A			0	<i></i>	N/A	,		on resist				Earth (N/A		oop impe	edance:)
	aracteristics at this DB Confirmation) confirmed (ating tim)Ω /			Earth e (N/A	ectrode	resistan	ce:)	RCD: N/A				······)
This f Publ	orm is based on the model forms shown in Ap shed by Certsure LLP Certsure	pendix 6 c LLP ope	of <i>BS 767</i> erates tl	1 he NICE	E IC & ELE	nter a (🗸) or valu	e in the respe @ Copy	ctive field	ds, as apj	propriate	. *W				<i>BS 7671</i> , st		NI/A)	Page		of 73



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	N / APPN : SCHEDULE OF CIRCU	IT DE1	TAILS	AND 1	TEST R	ESUL	TS	Circuits	s/equip	ment vu	Inerabl	e to dam	age whe	n testing	1,2,3,4	,5,6,7,8,	9,10,11	,12,13,1	Neons, e	electroni	c equip	men				
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{d /} (B)	Thermoplas metallic cor	itic cables i nduit	n (C) n	nermoplasti on-metallic	c cables in conduit	(D) ^{Thermop} metallic	lastic cable trunking	^{es in} (E	E) Thermopla	astic cables i lic trunking	n (F) Th	ermoplastic / S	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-insi	ulated cables	(O) other	- state:	N/A			
er	Circuit description	⁶	hod	served		cuit ctor csa	stion 1)	1	Protective	e device		RCD	ermitted talled levice*		Circu	iit impedanc	es (Ω)		Insi	ulation resis	tance	ty	asured earth mpedance, <i>Zs</i>	RCD operating		lest ttons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served			tx. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $l_{\Delta n}$	Maximum permitted Z _S for installed protective device*	Ring (mea	final circuit sured end t		(complet	rcuits ce at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured ault loop impeda	time		1
			Re	Numt	Live (mm ²)	cpc (mm ²)	(s) tim			(A)	్ల్ రో (kA)	(mA)	(Ω)	(Line) r1	(Neutral) r _n	(cpc) r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	()	an 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	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.70	N/A	Lim	610	500	V	0.84	27.5	~	N/A
2	Sockets room 6 & 7	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.36	N/A	Lim	586	500	V	0.45	29.4	~	N/A
3	Sockets room 1	D	В	3	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.39	N/A	Lim	65	500	V	0.51	30.4	V	N/A
4	Sockets room 2 & 3	D	В	4	2.5	2.5	0.4	61009	С	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	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.22	N/A	Lim	176	500	V	0.29	23.6	~	N/A
6	Sockets room 4 & 5	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.24	N/A	Lim	85	500	V	0.31	33.7	~	N/A
7	Sockets kitchen & hob spur	D	В	5	4	4	0.4	61009	С	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	В	3	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.19	N/A	Lim	>999	500	V	0.33	23.7	V	N/A
9	Socket kitchen	D	В	1	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.29	N/A	Lim	>999	500	V	0.41	18.2	~	N/A
10	Hydro boil kitchen	D	В	2	4	4	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.30	N/A	Lim	297	500	V	0.39	18.7	~	N/A
11	Lights 5/6/7/8/9/10	D	В	24	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.79	N/A	Lim	94	500	V	0.94	33.5	~	N/A
12	Lights 1/2/3/4 kitchen & bathroom	nD	в	15	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.77	N/A	Lim	88	500	V	0.88	18.9	V	N/A
13	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	ignatio n of DB	n:DB 5- 5th flo	1 oor			TEST	ED BY				AYSON		ARDS					Electri 4/10/20					· · · · · · · · · · · ·
	BE COMPLETED ONLY IF THE																			S (enter :			-	t each in	strumen	nt used)
Su	pply to DB is from: (Main Panel Boa	rd - 21	1L3)	Nom	inal vol	tage: (<mark>2</mark>	30) V	No. c	of phases	: (1	.)	1008	inction: 1211018	865459		.) (N/A	nuity:)
	ercurrent protection device for the di									ig: (63					ΝΙ/Δ		Insulati (N/A	on resist			I			op impe)
	sociated RCD (if any) Type: (BS EN aracteristics at this DB Confirmation of) confirmed						ating tim)Ω /			Earth el	ectrode	resistan	ce:	···, (RCD: N/A)
This fo Publi	orm is based on the model forms shown in App shed by Certsure LLP Certsure	endix 6 d LLP ope	of <i>BS 767</i> erates th	1 ne NICE	Er IC & ELE	nter a (🗸) or value	e in the respe	ctive fiel	ds, as ap		* W				<i>BS 7671</i> , st		NI/A)			_{of} 73



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CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

IC (Delet		IT DE	TAILS .	AND 1	rest r	ESUL	rs	Circuits	/equipr	nent vu	Inerabl	e to dam	age whe	n testing	1,2,3,4	1,5,6,7,8,	,9,10,11	,Neons	, electro	nic equi	pment					
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{ed /} (B)	Thermoplas metallic cor	tic cables ir Iduit	n (C) n	hermoplastic on-metallic c	c cables in conduit	(D) ^{Thermop} metallic t	lastic cable runking	^{is in} (E	E) Thermopl non-meta	astic cables ir Ilic trunking		ermoplastic /	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-inst	ulated cables	(O) othe	r - state:	N/A			
er	Circuit description	6.	thod	served		cuit ctor csa	ction 7)	F	rotective	device		RCD	ermitted talled levice*		Circ	uit impedanc	ces (Ω)		Insu	lation resis	tance	ţ,	d earth ance, <i>Zs</i>	RCD operating		lest ttons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served	Live		Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum permitted $Z_{\mathcal{S}}$ for installed protective device*	(mea	final circu Isured end	to end)	(comple	ircuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	time	RCD	AFDD
			L.	Nun	Live (mm ²)	cpc (mm ²)	≥ (s)			(A)	(kA)	(mA)	(Ω)	(Line) r ₁	(Neutral r _n) (cpc) <i>r₂</i>	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	^g (Ω)	(ms)	(1)	(√)
	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	В	4	2.5	2.5	0.4	61009	С	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	В	4	2.5	2.5	0.4	61009	С	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	В	4	2.5	2.5	0.4	61009	С	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	В	6	2.5	2.5	0.4	61009	С	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	В	4	2.5	2.5	0.4	61009	С	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	А	В	5	2.5	2.5	0.4	61009	С	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	В	2	4	4	0.4	61009	С	32	10	30	0.54	0.43	0.45	0.43	0.18	N/A	N/A	437	500	V	0.26	27	~	N/A
3	Lights 11/12/13/14	D	В	25	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.91	N/A	N/A	293	500	V	2.07	18.8	~	N/A
9	Lights 15/16/17/18/19/20	D	В	19	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.84	N/A	N/A	442	500	V	1.99	18.8	V	N/A
10	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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	А	В	2	6	2.5	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.35	N/A	N/A	>999	500	V	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
																						1				
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	ignatior n of DB	n:DB 4- . 4th flo	2 Dor			TEST	ED BY		ime (capi gnature:		N 1		ARDS					1: Electri 4/10/20					······
Su) BE COMPLETED ONLY IF THE pply to DB is from: (Main Panel Boa	ard - 2L	_2)	Nomi					of phases	s: (<mark>1</mark>)			JMENT: 865459	S (enter :			against nuity:	t each in	strumen	t used)
	ercurrent protection device for the di sociated RCD (if any) Type: (BS EN)		g: (63		N N	Oper	ating tim	e (N/A) ms	Insulati (N/A	on resist	tance:)	Earth (N/A	fault lo	op impe	dance:	
	aracteristics at this DB Confirmation													-			Earth e (N/A (• • • • • • • • • • • • • •	resistan	ce:)	RCD: (N/A (
Publi	orm is based on the model forms shown in App shed by Certsure LLP Certsure	LLP op	erates th	ne NICE	IC & ELE	nter a (🗸 CSA bra) or value nds	in the respe @ Copy					here figur	re is not ta	ken from	<i>BS 7671</i> , s		NI/A)	Page	29	of 73



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CONTINUATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

IC (Delete	N / YPN : SCHEDULE OF CIRCU	IT DE	FAILS	AND 1	rest r	ESUL	ГS	Circuits	s/equipr	nent vu	Inerable	e to dam	age whe	n testing	1,2,3,4	,5,6,7,8,	9,10,11	,12,13,1	Neons, e	electroni	ic equip	ment	t			
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{d /} (B)	Thermoplas metallic cor	tic cables ir duit	n (C) Th	nermoplasti on-metallic (c cables in conduit	(D) ^{Thermop} metallic	olastic cable trunking	^{is in} (E) Thermopla non-metal	astic cables i lic trunking	n (F) The	ermoplastic / S	SWA cables	(G) Thermos	setting / SWA	cables (H) Mineral-insu	ulated cables	(O) other	- state:	N/A			
er	Circuit description	B	thod	served		cuit ctor csa	stion 1)	F	Protective	device	1	RCD	n permitted installed ve device*		Circu	iit impedanc	es (Ω)		Insu	lation resist	tance	ţ,	asured earth mpedance, <i>Zs</i>	RCD operating		Test ittons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $l_{\Delta n}$	Maximum pe Zs for inst protective d	Ring (mea	final circuit sured end t		(complet	rcuits e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	k. me loop i	time	PCD	AFDD
			Be	Num	Live (mm ²)	cpc (mm ²)	≅ (s)			(A)	لkA)	(mA)	(Ω)	(Line) r ₁	(Neutral) r _n	(cpc) r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(~)	(Ω) (D)	(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	V	N/A	N/A	N/A	N/A
1	Sockets room 1	D	В	3	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.31	N/A	N/A	>999	500	V	0.44	38.6	~	N/A
2	Sockets room 2 & 3	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.25	N/A	N/A	561	500	V	0.38	31.7	~	N/A
3	Sockets room 6 & 7	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.20	N/A	N/A	644	500	V	0.33	37.6	~	N/A
4	Sockets room 8 & 9 &10	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.24	N/A	N/A	27.8	500	V	0.37	39.7	~	N/A
5	Sockets room 4 & 5	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.21	N/A	N/A	237	500	V	0.33	18.4	~	N/A
6	Sockets kitchen & hob spur	D	В	5	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.19	N/A	N/A	398	500	V	0.31	18.1	~	N/A
7	Sockets corridor	D	В	3	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.28	N/A	N/A	349	500	V	0.41	29.6	V	N/A
8	Cooker	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.10	N/A	N/A	>999	500	V	0.21	23.2	~	N/A
9	Socket kitchen	D	В	1	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.26	N/A	N/A	499	500	V	0.39	18.6	~	N/A
10	Hydro boil kitchen	D	В	2	4	4	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.20	N/A	N/A	510	500	V	0.29	18.6	~	N/A
11	Lights 5/6/7/8/9/10	D	В	13	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.98	N/A	N/A	248	500	V	1.44	37.6	V	N/A
12	Lights 1/2/3/4 kitchen & bathroom	nD	В	11	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.94	N/A	N/A	546	500	V	1.27	33.3	V	N/A
13	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	gnatior n of DB	DB 4- . 4th flo	1 oor		······	TEST	ED BY				AYSON		ARDS			· · · · · ·		Electri 4/10/20					·····
	BE COMPLETED ONLY IF THE														.: (<u>1</u>	.)		nction:	865459	S (enter s		Contii N/A	nuity:		nstrumen	,
	ercurrent protection device for the dis sociated RCD (if any) Type: (BS EN)		g: (63 , N/A			0.55	ating tim	, /N/A		Insulati (N/A	on resist					fault lo		edance:	,
	aracteristics at this DB Confirmation of								-								Earth el (ectrode	resistan	ce:)	rcd: N/A				<u></u>)
Publi	orm is based on the model forms shown in App shed by Certsure LLP Certsure	LLP op	erates th	e NICE	IC & ELE			e in the respe @ Copy					'here figur	re is not ta	ken from <i>l</i>	<i>BS 7671</i> , st	ate sourc	e: (<mark>N/A</mark>)	Page	30	of 73



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CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

		TS	Circuits	s/equip	ment vu	ılnerabl	e to dam	age whe	n testing	1,2,3,4	,5,6,7,8	9,10,11	,Neons	, electro	nic equi	pment										
CO	DES for Type of wiring (A) Thermoplastic insula sheathed cables	^{ted /} (B)	Thermopla metallic co	stic cables i nduit	in (C) _n	hermoplasti on-metallic	c cables in conduit	(D) ^{Thermop} metallic	plastic cable trunking	^{es in} (E) Thermopl	astic cables i llic trunking	ⁿ (F)™	ermoplastic /	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-insi	ulated cables	(O) other	- state:	N/A			
r	Circuit description					rcuit ctor csa	tion ()		Protective	device		RCD	rmitted alled evice*		Circu	uit impedanc	es (Ω)		Insu	lation resis	tance	2	earth nce, <i>Zs</i>	RCD operating		lest ttons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, <i>l_{Ån}</i>	Maximum permi Zs for installe protective devi	Ring (mea	final circui asured end t (Neutral)		(comple	ircuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Z	time	RCD	AFDI
					(mm ²)	(mm ²)	(s)	000.47.0	0	(A)	(kA)	(mA)	(Ω)	r ₁	r _n	r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	(Ω)	(ms)	(√)	(√)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	_	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	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.18	N/A	N/A	657	500	~		27.5	/	N/A
2	Sockets room 16/17	D	B	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.18	N/A	N/A	156	500	~		27.4	~	N/A
3	Sockets room 14/15	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.10	N/A	N/A	752	500	~	-	27.6		N/A
4	Sockets room 11/12/13	D	В	6	2.5	2.5	0.4	61009	U Q	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	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.27	N/A	N/A	220	500	~		19	×	N/A
6	Sockets corridor	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	0.44	0.47	0.40	0.20	N/A	N/A	6.15	500	~		27.9	~	N/A
7	Sockets kitchen & hob spur	A	В	5	2.5	1.5	0.4	61009	С	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	В	25	1.5	1.5	0.4	61009	С	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	В	19	1.5	1.5	0.4	61009	С	10	10	N/A	1.74	N/A	N/A	N/A	1.4	N/A	N/A	4.91	500	V	1.67	10.3	~	N/A
10	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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	В	2	6	2.5	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.39	N/A	N/A	365	500	V		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
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
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
	STRIBUTION BOARD (DB) DETA	AILS	DB des Locatio	ignation on of DB	_{n:} DB 3- _{3:} 3rd flo	-2 por	 		TEST	ED BY		ime (capi gnature:	ung	····· λ	N RICH	ARDS		 	 		L Electri 4/10/20			 		
Su	DECOMPLETED ONLY IF TH pply to DB is from: (Main Panel Bo	ard - 2l	_1)	Nom	inal vol	tage: (?				s: (1)			JMENT 865459	S (enter :		Conti , N/A	nuity:	t each in		
	ercurrent protection device for the d sociated RCD (if any) Type: (BS El)947-2 oles: (2			ig: (63 \(N/A) A A) mA	N	Oper	ating tim	ne (N/A) ms	(<u>N/A</u>	on resist)	(N/A		oop impe		
Ch	aracteristics at this DB Confirmation	of supp	ly polari	ty: (•) F	hase se	equence	confirmed	(where	approp	riate): (!	NA) 2	Z _s (0.24)Ω /	0.954) kA	Earth e (N/A (ectrode	resistan	ce:)	RCD: N/A				
Publ	orm is based on the model forms shown in Ap ished by Certsure LLP Certsur	e LLP op	erates t	he NICE	IC & ELE	nter a (🗸 ECSA bra	') or valu ands	e in the respe @ Copy			propriate _LP (July		/here figu	re is not ta	ıken from	<i>BS 7671</i> , s		, N/A)	Page	31	of 73



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

ISN18C

CONTINUATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

IC (Delet	N / YPN : SCHEDULE OF CIRCU	IT DE	TAILS	AND 1	FEST R	ESUL	TS	Circuits	s/equipr	ment vu	Inerabl	e to dam	age whe	n testing	1,2,3,4	,5,6,7,8	,9,10,11	,12,13,1	Neons, e	electroni	c equip	men	t			
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{d /} (B)	Thermoplas metallic cor	tic cables ir Iduit	n (C) n	nermoplasti on-metallic	c cables in conduit	(D) ^{Thermop} metallic	llastic cable trunking	^{es in} (E) Thermopl non-meta	astic cables i Ilic trunking	n (F) Th	ermoplastic /	SWA cables	(G) ^{Thermo}	setting / SWA	cables (H) Mineral-insu	ulated cables	(O) other	- state:	N/A			
er	Circuit description	6. (thod	served		cuit ctor csa	ction 1)	F	Protective	device		RCD	n permitted installed ve device*		Circu	uit impedanc	ces (Ω)		Insu	lation resis	tance	ţ	asured earth mpedance, <i>Zs</i>	RCD operating		Test ittons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served			ax. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum pe Zs for inst protective d	Ring (mea	l final circui asured end t		(comple	rcuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	k. me: loop i	time		4500
			Re	Num	Live (mm ²)	cpc (mm ²)	(s) tin			(A)	୍ର (kA)	(mA)	(Ω)	(Line) r1	(Neutral)	(cpc) <i>r</i> 2	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(~)	(Ω) (U)	(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	В	2	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.33	N/A	N/A	84.4	500	V	0.49	29.6	~	N/A
2	Sockets room 6 & 7	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.39	N/A	N/A	141	500	V	0.54	31.3	V	N/A
3	Sockets room 2 & 3	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.27	N/A	N/A	37.4	500	V	0.40	35.6	V	N/A
4	Sockets room 4 & 5	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.23	N/A	N/A	249	500	V	0.41	24.8	~	N/A
5	Sockets room 8 & 9 &10	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.48	N/A	N/A	768	500	V	0.64	28.1	~	N/A
6	Sockets corridor	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	0.23	0.23	0.25	0.11	N/A	N/A	179	500	V	0.69	34	~	N/A
7	Sockets kitchen & hob spur	D	В	5	4	4	0.4	61009	С	32	10	30	0.54	0.17	0.18	0.18	0.10	N/A	N/A	225	500	V	0.25	40	V	N/A
3	Socket kitchen	D	В	1	4	4	0.4	61009	С	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	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.19	N/A	N/A	946	500	V	0.35	18.9	~	N/A
10	Hydro boil kitchen	D	В	2	4	4	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.12	N/A	N/A	>999	500	V	0.27	19	~	N/A
11	Lights 5/6/7/8/9/10	D	В	13	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.79	N/A	N/A	252	500	V	0.96	29.8	V	N/A
12	Lights 1/2/3/4 kitchen & bathroom	D	В	11	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.69	N/A	N/A	212	500	V	0.84	33.1	V	N/A
13	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	ignatior n of DB	n:DB 3- . 3rd flo	1 por			TEST	ED BY				N N	N RICHA	ARDS					Electri 4/10/20					·····
	BE COMPLETED ONLY IF THE														4					S (enter s				t each in	strumen	ıt used)
	pply to DB is from: (Main Panel Boa)V	No. c	of phases	s: (.!)	(1008	121101	865459)	Ň/Ă	nuity:)
	ercurrent protection device for the dis sociated RCD (if any) Type: (BS EN)		g: (63 , N/A		l.	Oper	ating tim	ne (N/A) me	Insulati (N/A	on resist	ance:			Earth N/A		oop impe)dance:)
	aracteristics at this DB Confirmation of																Earth el (N/A (ectrode	resistan	ce:)	RCD N/A)
Publi	orm is based on the model forms shown in App shed by Certsure LLP Certsure	LLP op	erates tł	ne NICE	IC & ELE			e in the respe @ Copy			propriate. LP (July		/here figur	re is not ta	iken from	<i>BS 7671</i> , s		NI/A)			of 73



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ISN18C

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

	N / MPAN : SCHEDULE OF CIRCU	/YPAN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULT										e to dam	age whe	n testing	1,2,3,4	,5,6,7,8	,9,10,11	,Neons	, electro	nic equi	pment					
CO	DES for Type of wiring (A) Thermoplastic insulat sheathed cables	ted / (B)	Thermoplas metallic cor	stic cables i nduit	n (C)	Thermoplastion non-metallic	c cables in conduit	(D) Thermop metallic t	lastic cable	es in (E) Thermop	astic cables ii Ilic trunking	י (F) The	ermoplastic /	SWA cables	(G) Thermo	osetting / SWA	cables (†	-) Mineral-insu	ulated cables	(O) other	r - state:	N/A			
L	Circuit description				C	rcuit ictor csa			Protective			RCD			Circu	uit impedano	ces (Ω)		Insu	lation resis	tance		earth nce, Zs	RCD operating		est ttons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	CDC	Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{An}	Maximum permitted Z _S for installed protective device*	(mea	final circuit	to end)	(comple	ircuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Z	time	RCD	AFDD
					(mm ²)	(mm ²)	(s)			(A)	(kA)	(mA)	(Ω)	(Line) r ₁	(Neutral) r _n	r ₂	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	(🗸)	(Ω)	(ms)	(🗸)	(⁄)
	Main switch	N/A	N/A	N/A	N/A	N/A	N/A	60947-3	-	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A
1	Sockets room 20	D	В	3	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.41	N/A	N/A	141	500	~		30.4	~	N/A
2	Sockets room 18/19	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.30	N/A	N/A	34.8	500	~		31.4	~	N/A
3	Sockets room 16/17	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.26	N/A	N/A	153	500	~		29.7	~	N/A
4	Sockets room 14/15	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.33	N/A	N/A	712	500	~		28.7	~	N/A
5	Sockets room 11/12/13	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.49	N/A	N/A	242	500	V	0.57	18.8	~	N/A
6	Sockets kitchen & hob spur	A	В	5	2.5	1.5	0.4	61009	С	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	В	2	4	4	0.4	61009	С	32	10	30	0.54	0.27	0.27	0.27	0.15	N/A	N/A	131	500	V	0.33	22.9	~	N/A
8	Lights 15/16/17/18/19/20	D	В	14	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.07	N/A	N/A	205	500	V	1.15	38.4	~	N/A
9	Lights 11/12/13/14	D	В	10	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.86	N/A	N/A	198	500	V	0.94	36.8	~	N/A
10	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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	А	В	2	6	2.5	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.21	N/A	N/A	968	500	V	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
	STRIBUTION BOARD (DB) DETA	AILS	DB des Locatio	ignation on of DB	n: DB 2 3: 2nd 1	-2 loor	 		TEST	ED BY				N N	N RICHA						Electri 4/10/20					
Su	BE COMPLETED ONLY IF TH pply to DB is from: (Main Panel Bo ercurrent protection device for the d	ard - 1L	_3)	Nom		tage: (?				s: (1)	Multi-fu (1008	inction: 121101	JMENT 865459	S (enter :)	Conti (N/A	inuity:			
As	sociated RCD (if any) Type: (BS EN aracteristics at this DB Confirmation	N/A)		No. of po	oles: (2)	I	Δ <i>n</i> (N/A	4) m∕		-	-	ne (<mark>N/A</mark> 2.91		Insulati (N/A Earth el (N/A	ectrode	resistan	ce:)	(N/A			edance:)
This f Publi	orm is based on the model forms shown in Ap ished by Certsure LLP Certsure	pendix 6 o e LLP op	of <i>BS 767</i> erates tl	'1 he NICE	E IC & EL	inter a (🗸) or valu	e in the respe @ Copy	ctive fiel	ds, as ap	propriate	. *W					tate sourc	NI/A					1			_{of} 73



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CONTINUATION OF DIFFERENCE & FLECTRICAL INSTALLATION CONDITION DEPORTS

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

		IT DE	TAILS	AND [·]	TEST F	RESUL	TS	Circuits	s/equip	ment vu	ılnerabl	e to dam	age whe	n testing	1,2,3,4	,5,6,7,8,	9,10,11	,12,13,I	_amps,N	leons,R	CBOs,,	Elec	tronic	Equipr	nent	
CO	DES for Type of wiring (A) ^{Thermoplastic insulat} sheathed cables	^{ed /} (B)	Thermopla: metallic co	stic cables i nduit	in (C) _n	hermoplasti on-metallic	c cables in conduit	(D) Thermop	lastic cable trunking	^{es in} (E	E) Thermopl	astic cables ir llic trunking	י (F) דוי	ermoplastic / 3	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-insi	ulated cables	(O) other	- state:	N/A			
ar	Circuit description		рог	served		cuit ctor csa	tion)		Protective	device		RCD	permitted Istalled e device*		Circu	iit impedanc	es (Ω)		Insu	lation resis	tance	2	earth nce, Zs	RCD operating		Test uttons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served	Live	срс	Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, <i>I_{An}</i>	Maximum per Zs for insta protective de	Ring (mea (Line)	final circui sured end 1 (Neutral)		(comple	ircuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured ear fault loop impedance	time	RCD	AFE
	Main switch	N/A	N/A	≂ N/A	(mm ²)	(mm ²)	(s) N/A	60947-3	3	(A) 100	(kA) N/A	(mA) N/A	(Ω) N/A	r ₁	r _n	r ₂	$(R_1 + R_2)$ N/A	<i>R</i> ₂ N/A	(MΩ) N/A	(MΩ) N/A	(V) N/A	(√) ✓	(Ω) N/A	(ms) N/A	(√) N/A	(./ N/A
	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	<u> </u>	0.35	28.8		N/A
	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	0.13	N/A	N/A	23.7	500			27.8	v v	N/A
	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			27.5	V V	N/A
	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	0.17	N/A	N/A	>999	500	<u> </u>		27.3	V V	N/A
	Sockets room 8 & 9 &10	D	В	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	147	500	· ·		28.9	~	N/A
	Sockets kitchen & hob spur	D	В	4	4	4	0.4	61009	C	32	10	30	0.54	0.54	0.52	0.54	0.10	N/A	N/A	65.0	500	<u> </u>		28.1	~	N/A
	Sockets corridor	D	В	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	<u> </u>		27.5	~	N/A
	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			27.2	~	N/A
	Socket kitchen	D	В	1	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.27	N/A	N/A	26.2	500	-		18.8	~	N/A
0	Hydro boil kitchen	D	В	2	4	4	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.16	N/A	N/A	25.4	500	-		18.4	V	N/A
1	Lights 5/6/7/8/9/10	D	В	25	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.98	N/A	N/A	26.9	500	V	1.98	18.9	V	N/A
2	Lights 1/2/3/4 kitchen & bathroom	mD	В	19	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.01	N/A	N/A	27.6	500	V	1.47	18.9	~	N/A
3	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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
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
																										1
	STRIBUTION BOARD (DB) DETA be completed in every case)	AILS	DB des Locatio	signatio on of DE	_{n:} DB 2- _{3:} 2nd fl	-1 oor			TEST	ED BY			PD	AYSON		ARDS					Electri 4/10/20					
	BE COMPLETED ONLY IF TH pply to DB is from: (Main Panel Bo													of phases	:: (<mark>.1</mark>)			865459	S (enter s			agains nuity:	t each ir	strumen	nt user
	ercurrent protection device for the d sociated RCD (if any) Type: (BS EN)		g: (63			Oper	ating tim	_{a (} N/A) me	Insulati (N/A	on resis				Earth (N/A		- F	edance:	
	aracteristics at this DB Confirmation								_					-			Earth e (N/A (ectrode	resistan	ce:)	RCD: N/A				
ubli	orm is based on the model forms shown in Ap shed by Certsure LLP Certsure	e LLP op	erates t	he NICE	IC & ELE			e in the respe @ Copy			propriate _LP (July		'here figur	re is not ta	ken from .	<i>BS 7671</i> , s		NI/A					,			of 7

Original (to the person ordering the work)



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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

	N / YPN : SCHEDULE OF CIRCU	T DE	TAILS	AND	FEST F	RESUL	rs	Circuits	/equip	nent vu	ılnerabl	e to dam	age whe	n testing	1,2,3,4	,5,7,8,9	10,11,L	amps,N	leons,R	CBOs,,	Electro	nic E	quipme	ent,		
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{d /} (B)	Thermoplas metallic cor	tic cables ir duit	n (C)	hermoplastic	c cables in conduit	(D) ^{Thermop} metallic t	lastic cable trunking	^{es in} (E) Thermopl	astic cables iı Ilic trunking	ⁿ (F) The	ermoplastic / :	SWA cables	(G) Thermo	setting / SWA	cables (F) Mineral-insu	ulated cables	(O) othe	r - state:	N/A			
ar	Circuit description	5	pou	served		rcuit ctor csa	tion /)		Protective	device		RCD	rmitted alled evice*		Circu	iit impedano	es (Ω)		Insu	Ilation resis	tance	2	earth nce, Zs	RCD operating		ïest ttons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points :	Live (mm ²)	cpc (mm ²)	Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	(Y) Rating	A) Short-circuit C) capacity	(Wai) Operating (V current, I _{An}	$ \begin{array}{c} & \mbox{Maximum permitted} \\ \hline & & Z_S \ \mbox{for installed} \\ & \mbox{protective device}^* \end{array} $		final circuit asured end t (Neutral)		(comple	rcuits te at least olumn) R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	S Polarity	(D) Max. measured earth (D) fault loop impedance, Zs	time (ms)	RCD (√)	AFD
	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	V	N/A	N/A	N/A	N/A
1	Sockets room 18/19	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.34	N/A	N/A	253	500	V	0.48	37.6	V	N/A
2	Sockets room 16/17	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.21	N/A	N/A	110	500	V	0.36	30.8	V	N/A
3	Sockets room 14/15	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.31	N/A	N/A	137	500	V	0.46	27.8	V	N/A
4	Sockets room 11/12/13	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.46	N/A	N/A	265	500	V	0.61	26.9	V	N/A
5	Sockets kitchen & hob spur	A	В	7	2.5	1.5	0.4	61009	С	32	10	30	0.54	0.32	0.33	0.56	0.21	N/A	N/A	279	500	V	0.29	18.9	V	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	В	8	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.89	N/A	N/A	279	500	V	1.06	31.7	~	N/A
8	Lights 15/16/17/18/19/20	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.94	N/A	N/A	17.0	500	V	1.20	34.2	~	N/A				
9	Unknown	D	В	N/A	1.5	1.5	0.4	60898	С	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	V	N/A
10	Cooker	А	В	2	6	2.5	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.19	N/A	N/A	681	500	V	0.31	23.6	~	N/A
11	Sockets office	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	0.33	0.31	0.31	0.16	N/A	N/A	61.0	500	V	0.39	18.8	V	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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	gnatior n of DB	n:DB 1 . 1st flo	-2 Dor			TEST	ED BY			11	N A						Position Date:	, Electr 4/10/20		·····			
	D BE COMPLETED ONLY IF THE pply to DB is from: (Main Panel Boa														s: (<u>1</u>)	Multi-fi	inction:	JMENT 865459	S (enter :	serial nu	Conti	nuity:		istrumen	
	ercurrent protection device for the di sociated RCD (if any) Type: (BS EN					S EN ⁶⁰ No. of po				g: (63) A A) mA	N	Oper	ating tim	ie (N/A) ms	(<u>N/A</u>	on resis)	Earth (N/A	fault lo	oop imp	edance:	
	aracteristics at this DB Confirmation of					•		confirmed (Earth e (ectrode	resistan	ce:)	RCD: (N/A (<u> </u>		
Publi	orm is based on the model forms shown in App ished by Certsure LLP Certsure	LLP op	erates th	e NICE	IC & ELE	nter a (🗸 ECSA bra) or value nds	in the respe @ Copy					'here figur	re is not ta	ken from i	<i>BS 7671,</i> s		, N/A					1			of 73



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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

		IT DE1	TAILS .	AND 1	TEST R	ESUL	rs _	Circuits	/equipr					n testing	1,2,3,4	,5,6,7,8,	9,10,11	,12,13,I	Neons, e	electron	ic equip	men	t			
CO	DES for Type of wiring (A) Thermoplastic insulate sheathed cables	^{d /} (B)	Thermoplas metallic con	tic cables ir duit	(C) ^{TI}	nermoplastic on-metallic c	cables in conduit	(D) ^{Thermop} metallic t	lastic cable trunking	^{is in} (E) Thermopl non-meta	astic cables ir Ilic trunking	1 (F) The	ermoplastic / 3	SWA cables	(G) Thermo	setting / SWA	cables (H) Mineral-insu	ulated cables	(O) othe	r - state:	N/A			
er	Circuit description	Bc (thod	served		cuit ctor csa	ction '1)	P	Protective	device		RCD	ermitted talled levice*		Circu	uit impedanc	es (Ω)		Insu	lation resis	stance	Ę	d earth ance, <i>Zs</i>	RCD operating		lest ttons
Circuit number		Type of wiring (see Codes)	Reference Method (<i>BS 7671</i>)	Number of points served			Max. disconnectio time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, $l_{\Delta n}$	Maximum permitte Zs for installed protective device*		final circui Isured end		(comple	ircuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	time	RCD	AFDD
			Be	Num	Live (mm ²)	cpc (mm ²)	≅ (s)			(A)	ぶ (kA)	(mA)	(Ω)	(Line) r ₁	(Neutral) r _n	(cpc) <i>r₂</i>	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(V)	()	ig. Σ (Ω)	(ms)	(√)	(√)
	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	V	N/A	N/A	N/A	N/A
1	Sockets room 1	D	В	3	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.37	N/A	N/A	384	500	V	0.57	27.2	~	N/A
2	Sockets room 2 & 3	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.20	N/A	N/A	47.3	500	V	0.37	28.3	~	N/A
3	Sockets room 4 & 5	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.14	N/A	N/A	849	500	V	0.28	27.7	~	N/A
4	Sockets room 6 & 7	D	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.21	N/A	N/A	925	500	V	0.42	27.6	~	N/A
5	Sockets room 8 & 9 &10	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.41	N/A	N/A	530	500	V	0.60	27.7	~	N/A
6	Sockets kitchen & hob spur	D	В	5	4	4	0.4	61009	С	32	10	30	0.54	0.23	0.23	0.26	0.13	N/A	N/A	9.31	500	V	0.37	27.2	~	N/A
7	Sockets corridor	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	0.21	0.21	0.19	0.12	N/A	N/A	6.72	500	V	0.26	27.5	~	N/A
3	Socket kitchen	D	В	1	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.14	N/A	N/A	>999	500	V	0.32	18.9	~	N/A
Э	Cooker	D	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.28	N/A	N/A	>999	500	V	0.47	18.9	~	N/A
10	Hydro boil kitchen	D	В	2	4	4	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.28	N/A	N/A	>999	500	V	0.47	19	~	N/A
11	Lights 1/2/3/4 kitchen & bathroon	nD	В	16	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.76	N/A	N/A	272	500	V	2.06	18.7	V	N/A
12	Lights 5/6/7/8/9/10	D	В	18	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.94	N/A	N/A	206	500	V	1.26	18.8	V	N/A
13	light corridor	D	В	1	1.5	1.5	0.4	61009	С	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
	STRIBUTION BOARD (DB) DETA be completed in every case)				_{1:} DB 1- . 1st flo				TEST	ED BY		ime (capi gnature:	00		N RICH	ARDS			·····		_{n:} Electri)4/10/20					
то	BE COMPLETED ONLY IF THE		<u>s Not</u>	CON	VECTE		FCTLY	TO THE	ORIGI	N OF	THF IN	ISTALI	ATION				TEST	NSTRU	JMENT	S (enter	serial nu	mber	against	t each in	strumen	t used)
Su	pply to DB is from: (Main Panel Boa	rd - 1L	2)	Nomi					of phases	s: (<mark>1</mark>)	Multi-fu (1008	inction: 121101	865459)	Conti (N/A	nuity:)
	ercurrent protection device for the di sociated RCD (if any) Type: (BS EN)		g: (63 , N/A			Oper	ating tim	/N/A	١٣٥	Insulati (N/A	on resis	tance:			Earth (N/A		op impe	edance:	
	aracteristics at this DB Confirmation of																Earth e (N/A (lectrode	resistan	ce:)	RCD: N/A)
Publi	orm is based on the model forms shown in App shed by Certsure LLP Certsure	LLP op	erates th	e NICE	IC & ELE	nter a (🗸 CSA bra) or value nds	e in the respe @ Copy					'here figur	re is not ta	ken from	<i>BS 7671</i> , st	tate sourc	e: (N/A						Page		of 73



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CONTINUATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

	N / APPAN : SCHEDULE OF CIRCU	IT DE1	TAILS	AND 1	TEST R	ESUL	TS	Circuits	s/equip	ment vu	Inerabl	e to dam	age whe	n testing	1,2,3,4	,5,6,7,8,	9,10,11	,12,13,1	Neons, e	electroni	c equip	men				
CO	CODES for Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit							(D) ^{Thermop} metallic	(D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermoplastic /								setting / SWA	(O) other	(0) other - state: N/A							
er	Circuit description	of wiring Codes)	pot	served		rcuit Ictor csa	tion 1)	1	Protective device			RCD	rmitted alled evice*		Circu	iit impedanc	es (Ω)		Insi	lation resis	tance	ty	asured earth mpedance, <i>Zs</i>	RCD operating		lest ttons
Circuit number			Reference Method (<i>BS 7671</i>)	Number of points served			ax. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I _{Δn}	Maximum permitted Z _S for installed protective device*	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured ault loop impeda	time		4500
			Re	Numb	Live (mm ²)	cpc (mm ²)	(s) tirr	8		(A)	ي (kA)	(mA)	 (Ω)	(Line) r ₁	(Neutral) r _n	(cpc) r ₂	$(R_1 + R_2) = R_2$		(MΩ)	(MΩ)	(V)	()	tan (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	В	3	2.5	2.5	0.4	61009	С	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	В	4	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.50	N/A	N/A	>999	500	V	0.73	29.9	~	N/A
3	Sockets kitchen dado	D	В	4	4	4	0.4	61009	С	32	10	30	0.54	0.26	0.26	0.29	0.10	N/A	N/A	235	500	V	0.25	18.3	~	N/A
4	Sockets corridor	D	В	3	4	4	0.4	61009	С	32	10	30	0.54	0.50	0.51	0.48	0.25	N/A	N/A	16.8	500	V	0.50	19	~	N/A
5	Lights mail room	D	В	4	1.5	1.5	0.4	61009	В	6	6	30	5.82	N/A	N/A	N/A	0.31	N/A	N/A	0.10	500	V	0.54	18.9	~	N/A
6	Lights 6/7/8/kitchen	D	В	9	1.5	1.5	0.4	61009	С	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	В	2	4	4	0.4	61009	С	32	10	30	0.54	N/A	N/A	N/A	0.10	N/A	N/A	>999	500	V	0.33	18.8	~	N/A
8	Unknown	D	В	N/A	4	4	0.4	60898	С	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	В	1	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.46	N/A	N/A	>999	500	V	0.69	18.7	~	N/A
10	TAC panel - plant room	F	В	1	2.5	2.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.31	N/A	N/A	>999	500	V	0.54	18.9	~	N/A
11	Mech panel - plant room locked out	F	В	1	6	6	5	60898	С	32	10	N/A	0.54	N/A	N/A	N/A	0.13	N/A	N/A	>999	500	V	0.36	N/A	N/A	N/A
12	spur by DBG-1	А	С	1	2.5	2.5	0.4	61009	в	10	6	30	3.49	N/A	N/A	N/A	0.26	N/A	N/A	>999	500	V	0.49	18.8	V	N/A
13	Washing machines - kitchen	A	С	2	4	4	0.4	61009	В	32	6	30	1.08	N/A	N/A	N/A	0.17	N/A	N/A	645	500			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
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB des Locatio	ignatio n of DB	_{n:} DB G 3. groun	-2 d floor			TEST	ED BY			itals): GR			ARDS					Electri 4/10/20				······	
	BE COMPLETED ONLY IF THE																			S (enter s			-	t each ir	strumen	rt used)
	pply to DB is from: (Main Panel Boa								Nom	inal vol	tage: (30) V	/ No. c	of phases	:: (1	.)	(1008)	121101	865459)	N/A	nuity:)
	ercurrent protection device for the di sociated RCD (if any) Type: (BS EN									ıg: (63 / N/A					N/A	,		on resist			1	Earth N/A	fault lo	op impe	edance:)
	aracteristics at this DB Confirmation of) confirmed	_					ating tim)Ω /			Earth el (N/A	ectrode	resistan	ce:	,)	rcd N/A)
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This continuation sheet is not valid if the serial number is not the same as the corresponding certificate or report.

ISN18C

CONTINUATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

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

	N / YPN : SCHEDULE OF CIRCU	T DE	FAILS /	AND 1	TEST I	RESUL	rs	Circuits	/equipr	nent vu	ılnerabl	e to dam	age whe	n testing	1,2,3,4	,5,6,7,8,	9,10,11	,12,13,	14,15,16	3,Neons	, electro	nic e	∍quipm	nent				
CODES for Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in on-metallic canduit (C) Thermoplastic cables in on-metallic conduit								(D) Thermoplastic cables in (E) Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermo									setting / SWA	(O) other	(0) other - state: N/A									
_	Circuit description		poi	erved		rcuit Ictor csa	uo	P	Protective device			RCD	n permitted installed ve device*		Circu	iit impedanc	es (Ω)		Insu	lation resis	stance		earth nce, <i>Zs</i>	RCD operating		est ttons		
Circuit number			Reference Method (<i>BS 7671</i>)	Number of points served			Max. disconnection time (<i>BS 7671</i>)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, <i>I_{An}</i>	Maximum peri Zs for insta protective de	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Z	time	RCD	AFDI		
			8	Num	Live (mm ²)	cpc (mm ²)	≥ (s)			(A)	(kA)	(mA)	(Ω)	(Line) r ₁	(Neutral) r _n	(cpc) <i>r₂</i>	$(R_1 + R_2) = R_2$	R ₂	(MΩ)	(MΩ)	(V)	(⁄)	[2] (Ω)	(ms)	()	()		
	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	V	N/A	N/A	N/A	N/A		
1	Sockets corridor/cupboard/reception	D	В	4	2.5	2.5	0.4	61009	С	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	В	16	2.5	2.5	0.4	61009	С	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	В	13	4	4	0.4	61009	С	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	В	7	2.5	1.5	0.4	61009	С	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	В	22	2.5	1.5	0.4	61009	С	32	10	30	0.54	0.65	0.68	1.09	0.45	N/A	N/A	>999	500	V	0.34	28.5	~	N/A		
6	Lights comms/1/2/3/4/stores	D	В	17	1.5	1.5	0.4	61009	С	10	6	30	1.74	N/A	N/A	N/A	1.20	N/A	N/A	>999	500	V	1.33	18.9	~	N/A		
7	Lights toilets & kitchen	D	В	5	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.49	N/A	N/A	>999	500	V	0.86	18.9	~	N/A		
8	mag door locks	D	В	2	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.33	N/A	N/A	>999	500	V	0.74	18.8	~	N/A		
9	lights foyer outside lift area	D	В	4	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.00	N/A	N/A	>999	500	V	1.29	19.1	~	N/A		
10	lights office area & emergency	D	В	12	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	1.29	N/A	N/A	967	500	V	1.56	18.9	~	N/A		
11	lights plant/work/boiler	D	В	9	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.20	N/A	N/A	3.40	500	V	0.46	18.8	~	N/A		
12	lights foyer/offices/em/test panel	D	В	18	1.5	1.5	0.4	61009	С	10	10	30	1.74	N/A	N/A	N/A	0.32	N/A	N/A	461	500	V	0.74	18.6	V	N/A		
13	power for auto doors	A	С	1	2.5	1.5	0.4	61009	С	20	10	30	0.87	N/A	N/A	N/A	0.19	N/A	N/A	>999	N/A	V	0.41	18.1	~	N/A		
14	data cabnet in boiler room	F	С	1	2.5	2.5	0.4	61009	С	16	10	30	1.08	N/A	N/A	N/A	0.19	N/A	N/A	361	500	V	0.41	18.9	~	N/A		
15	sockets office area	D	В	22	4	4	0.4	61009	С	32	10	30	0.54	0.56	0.55	0.55	0.25	N/A	N/A	259	N/A	V	0.18	28.4	~	N/A		
16	Spur ntl room/ups unit	D	В	1	1.5	1.5	0.4	60898	С	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		
	STRIBUTION BOARD (DB) DETA be completed in every case)	ILS	DB desi Locatio	ignation n of DB	n DB G grour	i-1 nd floor			TESTI	ED BY		ime (capi Inature:		AYSON		ARDS			·····		n: Electri 04/10/20		·····		·····	·······		
	DECOMPLETED ONLY IF THE pply to DB is from: (Main Panel Boa												ATION	of phases	.: (.1)			JMENT 865459		,	Conti , N/A	inuity:					
0v	Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Associated RCD (if any) Type: (BS EN N/A) No. of poles: (2))) Rating: (<mark>63</mark>) A								Insulation resistance:						Earth fault loop impedance:					
	aracteristics at this DB Confirmation of					•) confirmed (Earth el (ectrode	resistan	ce:								
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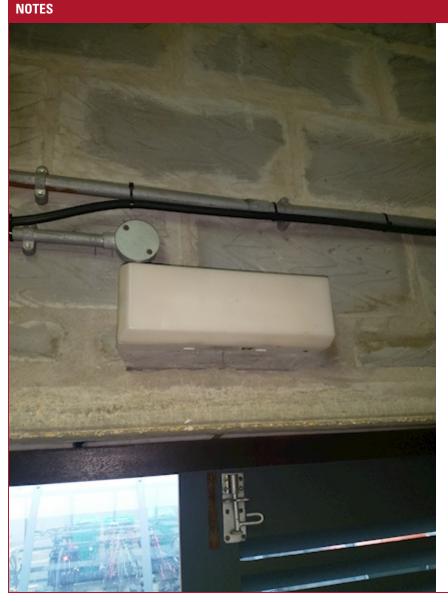
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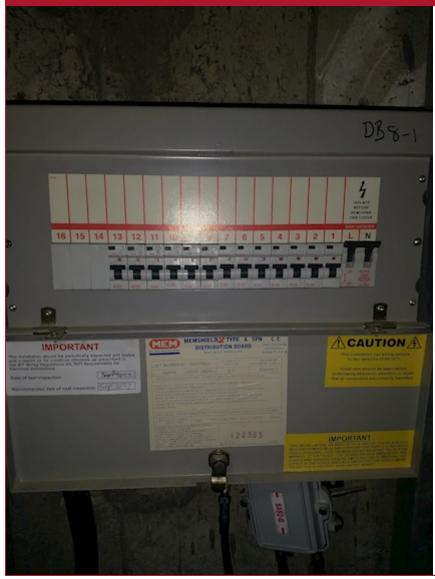


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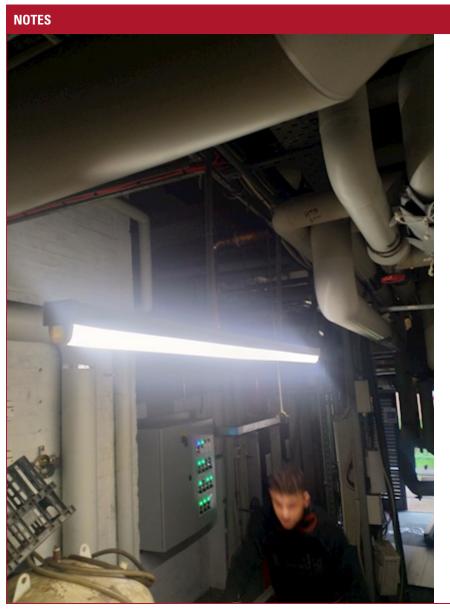
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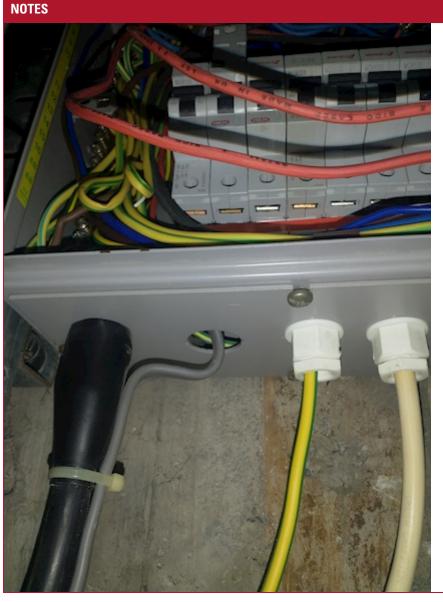
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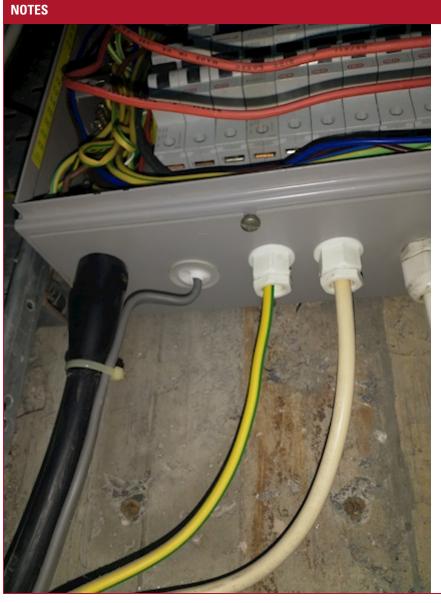
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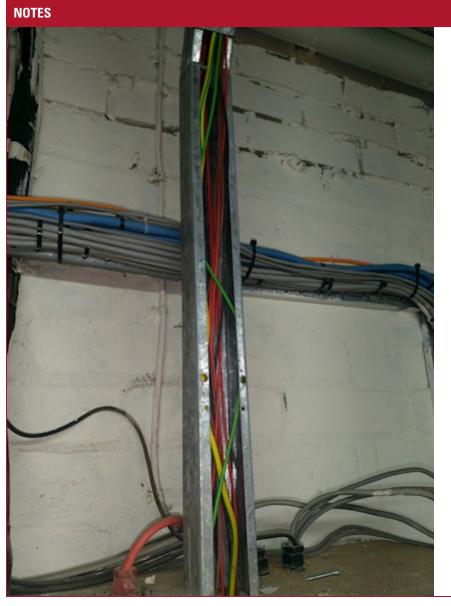
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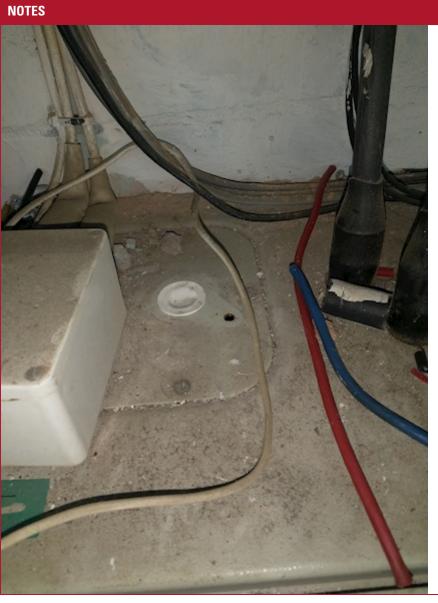
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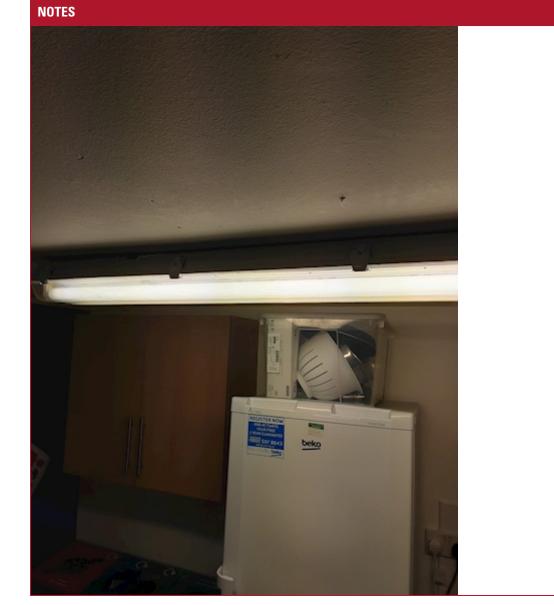
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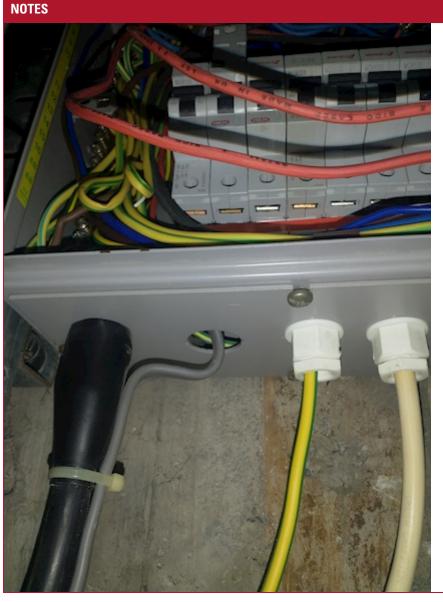
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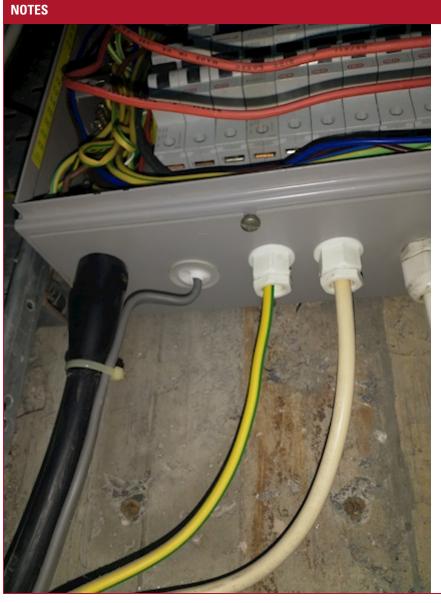
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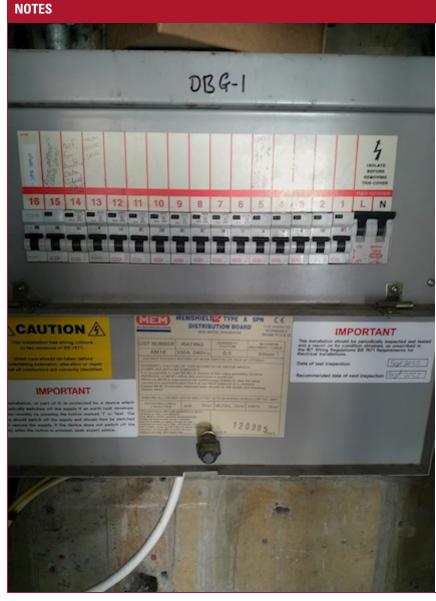
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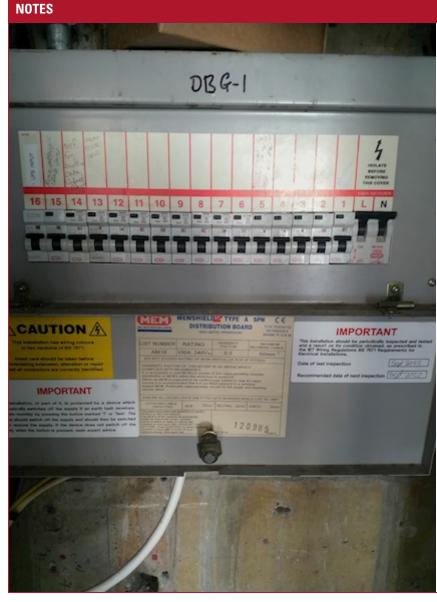
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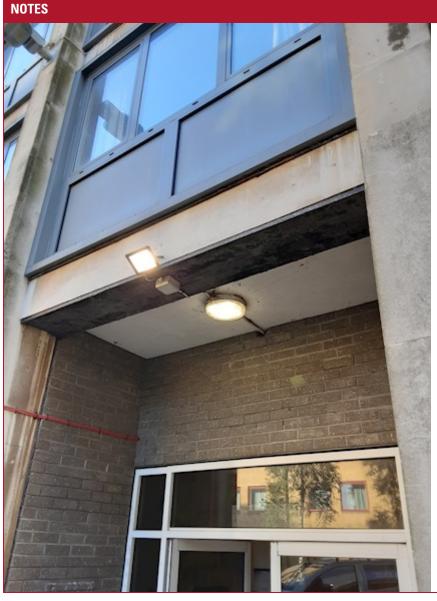
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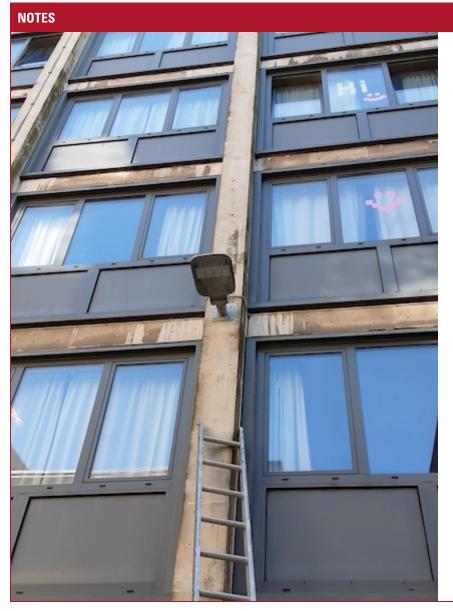
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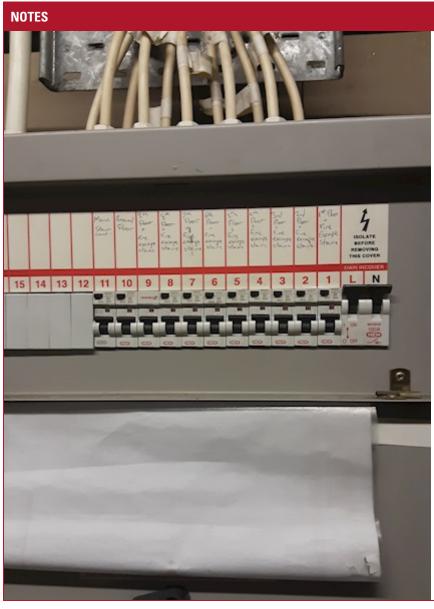
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NOTES FOR RECIPIENT

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 ltems 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