# ELECTRICAL INSTALLATION CONDITION REPORT Requirements For Electrical Installations - BS 7671

			Certificate Num	per:	221010SC	
1 DETAILS OF	THE PERSON ORDERING	THE REPOR	RT			
Client: Stowfor	d Community Centre					
Address: Chambe	ers Close, Sidmouth, EX10 9YL					
2 REASON FOR Reason for producing	R PRODUCING THIS REPO	ORT				
5 yearly periodic ins	•					
Date(s) on which inspe	ection and testing was carried out:	10/1	0/2022			
3 DETAILS OF	THE INSTALLATION WHI	CH IS THE	SUBJECT OF	THIS REPORT		
Installation Address:	Stowford Community Centre,	, Chambers Clo	ose, Sidmouth,	EX10 9YL		
Description of premise	s: Domestic N/A Commer	rcial 🗸 I	ndustrial N/A	Other:	N/A	
Estimated age of wirin	g system: 12 years	Evidence of alterations:		Yes if yes, estimate	d age: 2	years
Installation records av	ailable? (Regulation 651.1)	Yes		e of last inspection:	N/A	4
⊿ EXTENT AND	LIMITATIONS OF INSPE	CTION AND	) TESTING	· · · · · · · · · · · · · · · · · · ·		
	cal installation covered by this repo					
100% of the installa						
20% of accessories	removed for inspection					
_	uding the reasons (see Regulation		an ayamınla Da	to achimat diachlad	l tailet eell e	unt a man
	sensitive circuits as per Bob Wee fire alarm panel, security panel,	•	•	ita cabinet, disabled	tollet call sy	/stems,
	all switches only and at 250v D	•	•	etc exist		
Agreed with:	Bob Weeks					
·	including the reasons:					
N/A						

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to 2022.

It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use\*:

SATISFACTORY

\* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.

 $\sqrt{}$ here the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.

Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by:

5 Years

Note: The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

## 7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

N/A There are no items adversely affecting electrical safety

or

The following observations and recommendations are made

Item No	Observations	Classification Code
1	Previous EICR not available to view	C3
2	Damaged black flexible PVC conduit at both electric vehicle charge points (earthing conductor enclosed within)	C3
3	DB1/3L2 - Circuit has given high Zs reading, which would normally attract a code 2 observation, this is mitigated by the installation of additional protection by 30mA RCD to the circuits, any future addition of outlets or equipment to this circuit should only be undertaken with this observation in mind	N/A
4	Isolators were not labelled to indicate their purpose. Printed dymo labels printed at time of inspection	N/A
5	Black conductor within SWA cable on EVCPs is the cpc but has not been labelled or sleeved green&yellow to identify	C3
6	Bootlace ferrules have not been utilised in DBs where fine stranded class 5 conductors are present. Neutral bar is screwed and strands can splay out	C3

One of the following codes, as appropriate, has been allo responsible for the installation the degree of urgency for	ocated to each of the observations made above to indicate to the perso remedial action.	n(s)
C1 Danger Present Risk of injury. Immediate remedial action required  C2 Potentially dar Urgent remedial required	Improvement FI Further investigation recommended required without del	า lay
Immediate remedial action required for items:	N/A	
Urgent remedial action required for items:	N/A	
Improvement recommended for items:	1, 2, 5, 6	
Further investigation required for items:	N/A	

8 GENERA General condit	L CONDITION OF the ins												
The installatio													
		_		-									
9 DECLAR													
I/We, being the signatures below													e
inspection and t	esting, hereb	y declare tl	hat the	informatio	n in this	s report,	including	the observa	tions a	and the at	tached	schedu	ıles,
provides an accuin section 4 of the		nent of the	condit	ion of the e	electrical	ı ınstalla	tion taking	into accour	it the	stated ex	tent an	a iimita	ations
Trading Title:	Honiton Ele	ectrix											
Address:	19 Whitmo	re Way					Regis	stration Num	ber	6066	7		
	Honiton						(if ap	plicable):					
	Devon						Telep	hone Numb	er:	0779	1 0450	83	
				Postcode	. EX1	4 2GR							
	OTLON TECT	TING AND	۸۵۵۲										
For the INSPE							Signature	Made	<b>.</b>			10/10	/2022
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10 SUPPLY	CHARACT								ew P	almer	Date:	10/10	72022
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10 SUPPLY Earthing	CHARACT	TERISTION or and Type 1-phase (2-wire):	CS AI	ND EART e Conducto 2-phase (3-wire):	THING	S ARRA Natu Nomina	ANGEME	ENTS	rs	Supply	y Protec		evice
10 SUPPLY Earthing Arrangements	CHARACT Numb	TERISTION or and Type 1-phase	CS AI	ND EART e Conducto 2-phase	THING ors	Natu Nomina U/Uo:	ANGEME	ENTS  Oly Paramete  23	rs	Supply	y Protec	ctive De	evice
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10 SUPPLY Earthing Arrangements TN-S: N/A TN-C-S:  TNC: N/A	CHARACT Numb	er and Type 1-phase (2-wire): 3-phase (3-wire):	CS AI e of Liv N/A N/A	ND EART e Conducto 2-phase (3-wire): 3-phase (4-wire): 3-wire:	THING ors   N/A	Natu Nomina U/Uo: Nomina Prospec current	ANGEME  ure of Supp  ul voltage,  ul frequency  ctive fault , lpf:	ENTS  Paramete  23  y, f: 50  1.99	rs 0 v Hz	Supply BS (EN) Type:	y Protec	ctive De	evice HRC
10 SUPPLY Earthing Arrangements TN-S: N/A TN-C-S:	CHARACT Numb	er and Type 1-phase (2-wire): 3-phase (3-wire):	CS AI e of Liv N/A	ND EART e Conducto 2-phase (3-wire): 3-phase (4-wire): 3-wire:	N/A	Natu Nomina U/Uo: Nomina Prospec current Externa	ANGEME  ure of Supp  of Voltage,  of frequency  ctive fault	23 y, f: 50 1.9	rs 0 v Hz	Supply BS (EN) Type:	y Protec	ctive De 2 Fuse gG	evice HRC
10 SUPPLY Earthing Arrangements TN-S: N/A TN-C-S:  TNC: N/A	CHARACT Numb	rer and Type 1-phase (2-wire): 3-phase (3-wire): 2-wire:	CS AI e of Liv N/A N/A N/A	Property of the conductor of the conduct	N/A	Natu Nomina U/Uo: Nomina Prospec current Externa loop im	ANGEME  are of Supp  al voltage,  al frequency  ctive fault  , lpf:  al earth fau	eNTS  Day Paramete  23  y, f: 50  1.99  alt Ze: 0.2	rs 0 V Hz 5 kA 1 Ω	Supply BS (EN) Type:	y Protec	ctive De 2 Fuse gG	evice HRC
10 SUPPLY Earthing Arrangements TN-S: N/A TN-C-S:  TNC: N/A TT: N/A IT: N/A	CHARACT Numb	rer and Type 1-phase (2-wire): 3-phase (3-wire): 2-wire:	CS Ale of Live  N/A  N/A  N/A  N/A	Property:  ND EART  e Conducto 2-phase (3-wire): 3-phase (4-wire): 3-wire:  A	N/A N/A	Natu Nomina U/Uo: Nomina Prospec current Externa loop im	ANGEME  are of Supp  al voltage,  al frequency  ctive fault , lpf: al earth fau  pedance, 2  r of supplie	23 y, f: 50 1.99 ult Ze: 1	rs 0 V Hz 5 kA 1 Ω	Supply BS (EN) Type:	y Protec	ctive De 2 Fuse gG	evice HRC
10 SUPPLY Earthing Arrangements TN-S: N/A TN-C-S:  TNC: N/A TT: N/A IT: N/A  11 PARTIC Means of Earth	CHARACT Numb AC: DC: N/A Other: Confirmatio	rer and Type 1-phase (2-wire): 3-phase (3-wire): 2-wire:	CS Ale of Live  N/A  N/A  N/A  N/A	e Conducto 2-phase (3-wire): 3-phase (4-wire): 3-wire:  A	N/A N/A N/A	Natu Nomina U/Uo: Nomina Prospec current Externa loop im Numbe	ANGEME  are of Supp  al voltage,  al frequency  ctive fault , lpf: al earth fau pedance, z  r of supplie	23 y, f: 50 1.99 ult Ze: 1	rs 0 V Hz 5 kA 1 Ω	Supply BS (EN) Type: Rated cu	y Protec	ctive De 2 Fuse gG	evice HRC
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10 SUPPLY Earthing Arrangements TN-S: N/A TN-C-S:  TNC: N/A TT: N/A IT: N/A  11 PARTIC Means of Earth Distributor's facility: Installation	CHARACT Numb AC: DC: N/A Other: Confirmatio ULARS OF	rer and Type 1-phase (2-wire): 3-phase (3-wire): 2-wire: n of supply	CS Alle of Live  N/A  N/A  N/A  V polari	e Conducto 2-phase (3-wire): 3-phase (4-wire): 3-wire:  A  ON REF Details of	N/A N/A N/A	Natural Nomina U/Uo: Nomina Prospec current Externa loop im Numbe	ANGEME  are of Supp  al voltage,  al frequency  ctive fault , lpf: al earth fau pedance, 2  r of supplie  N THE fi th Electrod  on: ad of	23 y, f: 50 1.99 ult Ze: 1	rs 0 V Hz 5 kA 1 Ω	Supply BS (EN) Type: Rated cu	y Protec	ctive De 2 Fuse gG	evice HRC
10 SUPPLY Earthing Arrangements TN-S: N/A TN-C-S: V TNC: N/A TT: N/A IT: N/A  11 PARTIC Means of Earth Distributor's facility: Installation earth electrode:	CHARACT Numb AC: DC: N/A Other: Confirmation ULARS OF	er and Type 1-phase (2-wire): 3-phase (3-wire): 2-wire: n of supply INSTAL Resistance	N/A N/A N/A N/A LATI	e Conducto 2-phase (3-wire): 3-phase (4-wire): 3-wire:  A  ON REF Details of N/A  arth: N	N/A	Natural Nomina U/Uo: Nomina Prospec current Externa loop im Numbe	ANGEME  are of Supp  al voltage,  al frequency  ctive fault , lpf: al earth fau pedance, a  r of supplie  N THE F  th Electrod  on: ad of  urement:	es: 1  REPORT  In the control of the	rs 0 V Hz 5 kA 1 Ω	Supply BS (EN) Type: Rated cu	y Protec	ctive De 2 Fuse gG	evice HRC
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TN-C-S: V  TNC: N/A  TN-C-S: V  TNC: N/A  TT: N/A  TT: N/A  TT: N/A  T1 PARTIC  Means of Earth  Distributor's facility: Installation earth electrode:  Main Switch / So  Location:  BS(EN): 600	CHARACT Numb AC: DC: N/A Other: Confirmatio ULARS OF N/A N/A Witch-Fuse / 0 947-3 Isolate S: 3	rend Type 1-phase (2-wire): 3-phase (3-wire): 2-wire: n of supply INSTAL Resistance Circuit-Bread Switch (Cort Curcuit	N/A N/A N/A N/A N/A N/A N/A v polari LATI ce to Eacupboa	Position of the conductor of the conduct	THING  N/A  N/A  N/A  N/A  Terror  Te	Natural Nomina U/Uo: Nomina Prospec current Externa loop im Numbe  D TO Lation Ear Locati Methodomeasure and A A A A A A A A A A A A A A A A A A A	ANGEME  are of Supp  al voltage,  al frequency ctive fault , lpf: al earth fau pedance, 2  r of supplie  N THE fi th Electrod  on: ad of urement:	y, f: 50  1.99  Ilt 0.2  ES: 1  REPORT  Ile (where application of the courtent (Ian)  Rated time of the courted	rs  0 V  Hz  5 kA  1 Ω  plicab  switch  all operation  beration	Supply BS (EN) Type: Rated cu  N/A N/A n: erating	y Protect: 88-:: urrent: N/A	2 Fuse gG 80	A A MA
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TN-S: N/A TN-C-S: V TNC: N/A TT: N/A TT: N/A TT: N/A TT: N/A TT: N/A TT: N/A  TT: N/	CHARACT Numb AC: DC: N/A Other: Confirmatio V N/A N/A N/A N/A N/A Secondary N/A	rend Type 1-phase (2-wire): 3-phase (3-wire): 2-wire: n of supply INSTAL Resistance Circuit-Bread Switch (Cort Curcuit	N/A N/A N/A N/A N/A N/A N/A v polari LATI ce to Eacupboacurrent i	e Conducto 2-phase (3-wire): 3-phase (4-wire): 3-wire:  A  ON REF Details of N/A  arth: CCD ard rating: vice rating g: rating: Connect continuit	THING  N/A  N/A  N/A  N/A  Installa  N/A  400  ion/ ty	Natural Nomina U/Uo: Nomina U/Uo: Nomina Prospec current Externa loop im Numbe  D TO Dation Earl Locati Methodomeasure Methodo	ANGEME  are of Supp  al voltage,  al frequency ctive fault , lpf: al earth fau pedance, 2  r of supplie  N THE F  th Electrod  on: ad of urement:  onding of eo water insipes:	y, f: 50  1.99  Ilt 0.2  ESS: 1  REPORT  Ile (where application)  RCD Type:  Rated resiductor (Ian)  Rated time of the course of	rs  0 V  Hz  1 Ω  plicab  switch  delay:  conduct  onduct	Supply BS (EN) Type: Rated cu  N/A N/A  n: erating  ng time: To gas pipes:	y Protect: 88-:	Provided the provided states of the provided	A A MA
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12 IN	ISPECTION SCHEDULE	
Item	Description	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY) Where inadequacies in intake equipment are encountered, it is recommended that the person ordering the repart the appropriate authority	port informs
1.1	Service cable	Pass
1.2	Service head	Pass
1.3	Earthing arrangements	Pass
1.4	Meter tails	Pass
1.5	Metering equipment	Pass
1.6	Isolator (where present)	N/A
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY	
3.1	Main earthing/bonding arrangements (411.3; Chap 54):	
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3)	Pass
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	Pass
3.1.3	Adequacy of earthing conductor connections (542.3.2)	Pass
3.1.4	Accessibility of earthing conductor connections (543.3.2)	Pass
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)	Pass
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	Pass
3.1.7	Accessibility of all protective bonding connections (543.3.2)	Pass
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	Pass
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A
4.0	OTHER METHODS OF PROTECTION (where any of the methods listed below are employed details shorovided on separate sheets)	nould be
4.1	Non-conducting location (418.1)	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A
4.3	Electrical separation (Section 413; 418.3)	N/A
4.4	Double insulation (Section 412)	N/A
4.5	Reinforced insulation (Section 412)	N/A
5.0	DISTRIBUTION EQUIPMENT	
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	Pass
5.2	Security of fixing (134.1.1)	Pass
5.3	Condition of insulation of live parts (416.1)	Pass
5.4	Adequacy/security of barriers (416.2)	Pass
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	Pass
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	Pass
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	Pass
5.8	Presence and effectiveness of obstacles (417.2)	Pass
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	Pass
5.10	Operation of main switch(es) (functional check) (643.10)	LIM
5.11	Manual operation of circuit-breakers, RCDs and AFDDs to prove functionality (643.10)	Pass
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	Pass
5.13	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A
5.14	RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1)	Pass
OUTCON Accepta condition	ble DASS Unacceptable Color Co. Improvement Co. Further L. Not N.W. Limitation LLM	Not   N/A

12 IN	ISPECTION SCHEDULE (CONTINUED)	
Item	Description	Outcome
5.15	Presence of RCD six-monthly test notice, where required (514.12.2)	Pass
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	Pass
5.17	Presence of alternative supply warning notice at or near equipment, where required (514.15)	Pass
5.18	Presence of next inspection recommendation label (514.12.1)	Pass
5.19	Presence of other required labelling (please specify) (Section 514)	Pass
5.20	Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)	Pass
5.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	Pass
5.22	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	Pass
5.23	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	Pass
6.0	DISTRIBUTION CIRCUITS	
6.1	Identification of conductors (514.3.1)	Pass
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	Pass
6.3	Condition of insulation of live parts (416.1)	Pass
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	Pass
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	Pass
6.6	Cables correctly terminated in enclosures (Section 526)	Pass
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	Pass
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	Pass
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	Pass
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	Pass
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	Pass
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	Pass
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	Pass
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	Pass
6.15	Cables concealed under floors, above ceilings, in walls/partitions less than 50mm from a surface, ar partitions containing metal parts:	nd in
6.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	Pass
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.204)	Pass
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	Pass
6.17	Band II cables segregated/separated from Band I cables (528.1)	Pass
6.18	Cables segregated/separated from non-electrical services (528.3)	Pass
6.19	Condition of circuit accessories (651.2)	Pass
6.20	Suitability of circuit accessories for external influences (512.2)	Pass
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	Pass
6.22	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	Pass
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	Pass
6.24	General condition of wiring systems (651.2)	Pass
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	Pass
7.0	FINAL CIRCUITS	
7.1	Identification of conductors (514.3.1)	C3
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	Pass
7.3	Condition of insulation of live parts (416.1)	Pass
OUTCOM Acceptal condition	ble   DASS   Unacceptable   C1 as C2   Improvement   C2   Further   FI   Not   Not   Not   Improvement   Not   Not	lot   N/A

12 IN	ISPECTION SCHEDULE (CONTINUED)	
Item	Description	Outcome
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	Pass
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	C3
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	Pass
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	Pass
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	Pass
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	Pass
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	Pass
7.11	Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against dar (522.6.201; 522.6.202; 522.6.203; 522.6.204):	mage
7.11.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)	LIM
7.11.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.201; 522.6.204)	LIM
7.12	Provision of additional protection by 30mA RCD:	
7.12.1	For all socket-outlets of rating 32A or less, unless an exemption is permitted (411.3.3) *	Pass
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	Pass
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *	Pass
7.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *	Pass
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *	Pass
	* Note: Older installations designed prior to BS 7671:2018 may not have been provided with RCDs for addition protection.	nal
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	Pass
7.14	Band II cables segregated/separated from Band I cables (528.1)	Pass
7.15	Cables segregated/separated from non-electrical services (528.3)	Pass
7.16	Termination of cables at enclosures – identify/record numbers and locations of items inspected (Se	ection
	526):	
7.16.1	Connections under no undue strain (526.6)	Pass
	No basic insulation of a conductor visible outside enclosure (526.8)	Pass
7.16.3	Connections of live conductors adequately enclosed (526.5)	Pass
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	Pass
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	Pass
7.18	Suitability of accessories for external influences (512.2)	Pass
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	Pass
8.0	ISOLATION AND SWITCHING	
8.1	Isolators (Sections 460; 537):	
8.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)	Pass
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	Pass
8.1.3	Capable of being secured in the OFF position (462.3)	Pass
8.1.4	Correct operation verified (643.10)	Pass
8.1.5	Clearly identified by position and/or durable marking (537.2.6)	C3
8.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	N/A
8.2	Switching off for mechanical maintenance (Section 464; 537.3.2):	D
8.2.1	Presence and condition of appropriate devices (464.1; 537.3.2)	Pass
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	Pass
8.2.3	Capable of being secured in the OFF position (462.3)	Pass
8.2.4	Correct operation verified (643.10)	Pass
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	Pass
OUTCOM Acceptal condition	ole   DASS   Unacceptable   C1 or C2   Improvement   C2   Further   FI   Not   Not	Not   N/A

Item	Description	Outcome
8.3	Emergency switching/stopping (Section 465; 537.3.3):	
8.3.1	Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)	Pass
8.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	Pass
8.3.3	Correct operation verified (643.10)	Pass
8.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	Pass
8.4	Functional switching (Section 463; 537.3.1):	
8.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	Pass
8.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	Pass
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)	
9.1	Condition of equipment in terms of IP rating etc (416.2)	Pass
9.2	Equipment does not constitute a fire hazard (Section 421)	Pass
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	Pass
9.4	Suitability for the environment and external influences (512.2)	Pass
9.5	Security of fixing (134.1.1)	Pass
9.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2)	Pass
9.7	Recessed luminaires (downlighters):	
9.7.1	Correct type of lamps fitted (559.3.1)	Pass
9.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2)	Pass
9.7.3	No signs of overheating to surrounding building fabric (559.4.1)	Pass
9.7.4	No signs of overheating to conductors/terminations (526.1)	Pass
10.0	LOCATION(S) CONTAINING A BATH OR SHOWER	
10.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A
10.3	Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A
10.5	Low voltage (e.g. 230 V) socket-outlets sited at least 2.5m from zone 1 (701.512.3)	N/A
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A
10.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A
11.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	
	List all other special installation or locations present, if any. (Record separately the results of particular inspecti	
11.1	N/A	N/A
11.2	N/A	N/A
11.3	N/A	N/A
11.4	N/A	N/A
11.5	N/A	N/A
12.0	PROSUMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S) Where the installation includes additional requirements and recommendations relating to Chapter 82, additional items should be added to the checklist below.	I inspection
12.1	N/A	N/A
12.2	N/A	N/A
12.3	N/A	N/A
12.4	N/A	N/A
12.5	N/A	N/A
Inspect Name:		0/10/2022
	The state of the s	0/ 10/2022
Acceptal condition	ole   DASC   Unacceptable   Calando   Improvement   Co   Further   FI   Not	Not   N/A

	DISTRIBUTION BO	DARD DE	ΕΤΑΙ	LS																										
DB r	reference:	M	ains					Lo	cation:			Swi	tch (	cupboard	k			Supp	olied	from					Ori	gin				
Distrib	oution circuit OCPD: BS	S (EN):				LI	IM					Type:	L	-IM	Rati	ng/S	Settir	ng:	LIN	1 A		No	o of p	hases		3				
SPD D	Details: Types: T1	~	T2	N/A	Т	-3 l	N/A	N	I/A N/A	4				indicator nality ind			•		/											
Confir	mation of supply polarity	, ,		Co	onfirn	natior	n of r	ohase	e sequenc	e		✓	ictio	ianty ina	icatoi	pi c.	JCIII,				Zs a	t DB:		LIM 🤉	2	ı	pf at	DB:	LIN	√l kA
	SCHEDULE OF CIR		ΤΔΙ																											
						CUIT			OLIS													7	TEST R	ESULT	DETAIL	_S				
				Cond	ductor c	letails		(\$)	Overcur	ent p	rotect	ive dev	ice		RCD				Con	itinuity	(Ω)		Insula	ation res	istance		Zs	R	CD	AFDD
				pot			nber size	time 37671					~					Ring	final c	ircuit	R1 or	桴			2)					ton
Circuit number	Circuit description	n	Type of wiring	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	Max disconnect time permitted by BS7671	BS (EN)	Туре	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (Ma)	Live - Earth (M $_{\Omega}$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1	Supply to DB1		0	С	1	25	16	5	LIM	LIM	LIM	LIM		N/A	N/A			N/A	N/A	N/A			N/A	LIM	LIM	~			N/A	
2	Supply to DB2		0	С	1	25	16	5	LIM	LIM	LIM	LIM	N/V	N/A	N/A	N/A	N/A	N/A	N/A	N/A			N/A	LIM	LIM	~	0.21	N/A	N/A	N/A
	A	E	)			С			D							F			G				1				O - Oth	or		
TYF	ES FOR Thermoplastic PE OF insulated/sheathed RING cables	Thermo			ermopla cables i etallic d	in	it	Thermopla cables metallic tru	in		C	rmopl ables tallic t			noplas A cabl			rmose WA cal		in	Min	eral d cable	es .			eter				
	DETAILS OF TEST																													
	ails of test instruments u functional:	ised (serial		or as 2065!		umbe	rs):		nsulation	rocio	stano	· · · ·				N	I/A				Col	ntinu	i+v/·				N/A			
	electrode resistance:			N/A	J / I				arth fault				ice.				I/A				RC		ity.				N/A			
				IV/A					.artir rault	1001	- 1111					IN	I/ A				100						IN/A			
Nam	rested by Andrew	Dalmor			Positio	an:			Elect	ricia	n			Sign	ature			1	nde	ew F	Dalu	101-			Dat	0:	10	)/10	/2022	)
	rm is based on the mode		Appe							Jigi	ature	•				2101		er.			Dat	0.	10		ge: 8					

	DISTRIBUTION BO																													
DB r	eference:		DB1					Lo	cation:			Swi	tch c	upboard				Supp	olied	rom	:				Ori	gin				
Distrib	ution circuit OCPD: BS	S (EN):				L	IM				٦	Гуре:	L	IM	Ratir	ng/S	ettir	g:	LIM	Α		No	o of p	hases	:	3				
SPD D	etails: Types: T1	V	T2	~	Т	3	N/A	Ν	I/A N/A	١				ndicator o		•			~											
Confirr	mation of supply polarity	y <b>v</b>		С	onfirm	natio	n of p	ohase	e sequenc	e		<b>/</b>		anty man		<b>p</b> . 00	,				Zs a	t DB:	(	).19 <u>c</u>	2	ı	pf at	DB:	2.1	5 kA
5	CHEDULE OF CIR	CUIT D	FTAL	LS	ANI	) TF	STI	RES	ULTS																					
							DETAI															Т	EST R	ESULT	DETAIL	s				
				Conc	ductor c	letails		(s)	Overcurr	ent p	rotecti	ve dev	vice		RCD				Con	tinuity	(Ω)		Insula	ation res	istance		Zs	R	CD	AFDD
				po			nber size	time 7671										Ring	final c	rcuit	R1- or	†R2								ro
Circuit number	Circuit description	n	Type of wiring	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	Max disconnect time permitted by BS7671	BS (EN)	Type	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (Ma)	Live - Earth (MΩ)	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1 L1	Lights - Hall		А	В	13	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.24	N/A	250	LIM	>200	~	1.62	N/A	N/A	
1 L2	Lights - Kitchen		А	В	14	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.14	N/A	250	LIM	>200	~	3.16	N/A	N/A	N/A
1 L3	Lights - community room/	interview	А	В	18	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.18	N/A	250	LIM	>200	•	1.99	N/A	N/A	N/A
2 L1	Lights - Hall		А	В	5	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.15	N/A	250	LIM	>200	~	0.41	N/A	N/A	N/A
2 L2	Lights - w.c/entrance lobb	у	А	В	10	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.75	N/A	250	LIM	>200	~	1.13	N/A	N/A	N/A
2 L3	Lights - External via Alexa switch	smart	А	В	13	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.9	N/A	N/A	LIM	LIM	•	0.9	N/A	N/A	N/A
3 L1	Lights - Hall		А	В	15	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.16	N/A	250	LIM	>200	~	0.55	N/A	N/A	N/A
3 L2	Ring Final - Hall/store/plar	nt room	А	В	13	2x2.5	2x1.5	0.4	61009	В	32	10	1.10	61009-B	AC	30	32	1.56	1.56	2.56	1.03	N/A	500	>600	170	~	2.41	18	~	N/A
3 L3	Ring Final - Kitchen		А	В	10	2x2.5	2x1.5	0.4	61009	В	32	10	1.10	61009-B	AC	30	32	0.84	0.87	1.38	0.56	N/A	500	LIM	230	~	0.74	14	~	N/A
CODE TYP WIR		cab	B noplastic bles in ic conduit	t	(	C ermopl cables etallic		t	D Thermopla cables i metallic tru	n		(	E ermopla cables in etallic tr	า	Therm /SWA	F noplas			G ermose WA cal		in	H Mino nsulateo		es .		-	o - oth			
	DETAILS OF TEST ils of test instruments u				set nı	umbe	ers):																							
	unctional:			065			,	11	nsulation	resis	tanc	e:				Ν	/A				Cor	ntinu	ity:				N/A			
Earth 6	electrode resistance:			N/A				Е	arth fault	loop	imp	edar	ice:			N	/A				RC	D:					N/A			
Ţ	ESTED BY																													
Nam		Palmer		ı	Positio	on:			Elect	ricia	n			Signa	iture:			A	ndre	ew F	Palm	1er			Date	e:	10	)/10/	/2022	2
This for	m is based on the mode	el shown i	n Appe	ndix	6 of	BS 7	671:2	2018	+A2: 2022	2.								R	ef: 2	2101	OSC							Pac	ge: 9	of 15

## DB1 Switch cupboard Origin DB reference: Location: Supplied from: CIRCUIT DETAILS TEST RESULT DETAILS Conductor details RCD Continuity ( $\Omega$ ) Insulation resistance RCD AFDD Overcurrent protective device $Z_S$ ct time BS7671 Number R1+R2 Ring final circuit Manual test button operation (tick) method and size ed operating rent (mA) (MD) g : button ration (tick) $\mathbb{S}$ Disconnection time (ms) Type of wiring er of served (G) Circuit description 3 Zs Polarity (tick) voltage Earth ( (mm<sup>2</sup>)(neutral) (mm<sup>2</sup>) Max discon permitted t 3 3 Reference Breaking capacity ( (EN) (line) r2 (cpc) R1+R2 Circuit Rating Rated Type Test Test cbc BS BS $R_2$ ٦ В 4 L1 Ring Final - Community Α В 32 10 30 32 | 0.94 | 0.96 | 1.59 | 0.41 | N/A 500 0.62 16 ~ N/A 2x2.52x1.5 0.4 61009 1.10 61009-B AC LIM >200 room/interview room/w.c 4 L2 Hand dryer female w.c Α В 2.5 | 1.5 | 0.4 60898 В 16 10 2.18 N/A N/A N/A N/A N/A N/A N/A 0.32 N/A 500 >999 >999 ~ 0.51 N/A N/A N/A 4 L3 Hand dryer male w.c Α В 2.5 1.5 0.4 60898 В 10 2.18 N/A N/A N/A N/A N/A N/A N/A 0.25 N/A 500 >999 >999 0.44 N/A N/A N/A 16 Hand dryer disabled w.c В >999 5 L1 Α 2.5 1.5 0.4 60898 В 10 2.18 N/A N/A N/A 0.25 N/A 500 >999 ~ 0.44 N/A N/A N/A 16 N/A N/A N/A N/A 5 L2 Rotary isolator in store room (not in Α В 0.4 60898 В 20 10 1.75 N/A 500 >999 >999 0.34 N/A N/A N/A 16 6 N/A N/A N/A N/A N/A N/A 0.15 N/A 1 use) 5 L3 Water heater male w.c В 2.5 1.5 0.4 60898 В 10 2.18 N/A N/A N/A N/A N/A N/A N/A 0.16 N/A 500 >999 >999 0.35 N/A N/A N/A Α 1 16 0 В 6 0.4 В 32 10 N/A N/A 0.14 N/A 500 0.35 N/A N/A N/A 6 L1 Cooker in kitchen 1 6 60898 1.10 N/A N/A N/A N/A N/A >999 130 ~ 6 L2 Cooker in kitchen 0 В 1 6 0.4 60898 В 32 10 1.10 N/A N/A N/A N/A N/A N/A N/A 0.14 N/A 500 >999 130 ~ 0.35 N/A N/A N/A 6 Cooker in kitchen 0 В 0.4 60898 N/A >999 0.35 N/A N/A N/A 6 L3 1 6 6 В 32 10 1.10 N/A N/A N/A N/A N/A N/A 0.14 N/A 500 130 5 7 L1 Boiler panel Α В N/V 16? 60898 В 63 10 0.55 N/A N/A N/A N/A N/A N/A N/A 0.22 N/A 500 LIM >999 0.43 N/A N/A N/A Fused Connection Unit in attic space 7 L2 Α В 1.5 0.4 60898 В 6 10 5.82 N/A N/A N/A N/A N/A N/A N/A 0.21 N/A 500 >999 >999 ~ 0.0.4 N/A N/A N/A (not in use) 7 L3 Kitchen power shutters Α В 2 2.5 1.5 0.4 60898 В 16 10 2.18 N/A N/A N/A N/A N/A N/A N/A 0.58 N/A 500 >999 >999 ~ 0.77 N/A N/A N/A 8 L1 Tesla Powerwall В 1.5 0.4 60898 С 32 10 0.54 N/A >999 >999 N/A N/A Α 4 N/A N/A N/A N/A N/A N/A 0.17 N/A 500 0.36 N/A 8 L2 Spare 8 L3 Spare --9 L1 Spare ---912 Water heater in female w.c. Α В 1 2.5 1.5 0.4 60898 В 16 10 2.18 N/A N/A N/A N/A N/A N/A N/A 0.21 N/A 500 >999 >999 0.4 N/A N/A N/A Tea boiler in kitchen Α В 2.5 1.5 60898 В 15 10 N/A 500 >999 >999 1.37 N/A N/A N/A 9 L3 1 0.4 2.34 N/A N/A N/A N/A | N/A | N/A | 1.18 | N/A ~ В D G O - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosettina Mineral TYPE OF insulated/sheathed SY/YY cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

## Switch cupboard DB1 Origin DB reference: Supplied from: Location: CIRCUIT DETAILS TEST RESULT DETAILS Conductor details Overcurrent protective device RCD Continuity ( $\Omega$ ) Insulation resistance RCD AFDD $Z_S$ ct time BS7671 Number R1+R2 Ring final circuit Manual test button operation (tick) Reference method and size Rated operating current (mA) - Earth (MΩ) g Test button operation (tick) voltage (V) Disconnection time (ms) Type of wiring er of served (G) Circuit description by B Zs Polarity (tick) r<sub>n</sub> (neutral) (mm<sup>2</sup>)(mm<sup>2</sup>) Max discon permitted t Maximum measured ( 3 3 Breaking capacity ( r<sub>1</sub> (line) (EN) r<sub>2</sub> (cpc) Rating R1+R2 Circuit Live Test cbc BS $R_2$ В 2 10 L1 | Lights - Plant room Α 1.5 0.4 В 10 2.18 250 1.19 N/A N/A N/A 1 60898 16 N/A N/A N/A N/A N/A N/A N/A 0.98 N/A LIM >200 10 L2 Motorised door (front of building) + 500 >999 >999 0.42 18 ~ N/A Α В 2 2x2.52x1.5 0.4 61009 В 20 10 | 1.75 | 61009-B 30 | 20 | N/A | N/A | N/A | 0.23 | N/A ~ 13A socket below 10 L3 External flood lights via Alexa smart Α В 2 2.5 | 1.5 | 0.4 60898 В 16 10 2.18 N/A | N/A | N/A | N/A | N/A | N/A | LIM | LIM | N/A | LIM LIM LIM LIM N/A N/A N/A switch 11 L1 7kW EVCP#1 G D 0.4 60898 С 32 | 10 | 0.54 | 61009-C 30 | 40 | N/A | N/A | N/A | 0.09 | N/A | 250 LIM >999 0.28 13 ~ N/A 1 6 6 ~ 11 L2 7kW EVCP #2 G D 1 6 6 0.4 60898 С 32 10 0.54 61009-C 30 40 N/A N/A N/A 0.07 N/A 250 LIM >999 ~ 0.26 13 ~ N/A 11 L3 Kitchen centre power island В 2.5 0.4 61009 В 20 10 1.75 61009-B 30 20 N/A N/A N/A 0.24 N/A 500 >999 7.7 0.46 17 ~ N/A Α 4 6 Α Surge Protector В В 10 10 0.4 60898 С 63 10 0.28 N/A N/A N/A N/A N/A N/A 0.04 N/A 250 >999 >999 0.23 N/A N/A N/A 12 L1 1 N/A ~ Surge Protector В В 10 10 0.4 60898 С 63 10 0.28 N/A N/A N/A N/A N/A N/A N/A 0.04 N/A 250 >999 >999 ~ 0.23 N/A N/A N/A 1 12 L3 Surge Protector В В 10 0.4 60898 С 10 0.28 N/A N/A N/A N/A N/A N/A N/A 0.04 N/A 250 >999 >999 0.23 N/A N/A N/A 1 10 63 В D G O - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosettina Mineral TYPE OF SY/YY insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

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SPD D	etails: Types: T1 N/A	T2	N/A	. 7	T3	N/A	Ν	I/A 🗸					ndicator o		•			N/A	4										
Confirr	mation of supply polarity		Co	onfirn	natior	n of p	hase	e sequence	е		<b>/</b>		anty man		p. 00	, , , , ,				Zs a	t DB:	(	).21 <u>c</u>	2	ı	pf at	DB:	1.9	95 kA
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			Conc	ductor o	details		(S)	Overcurr	ent pr	otecti	ve dev	rice		RCD				Con	tinuity	(Ω)		Insula	ation res	istance		Zs	R	CD	AFDD
			po			nber size	time 37671										Ring	final c	rcuit	R1- or	†R2			<b>a</b>					ton
Circuit number	Circuit description	Type of wiring	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm²)	Max disconnect time permitted by BS7671	BS (EN)	Туре	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (Ma)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1 L1	Lighting - office/interview room	А	В	12	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.41	N/A	250	LIM	>200	~	0.79			
1 L2	Lighting - Corridor	А	В	11	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.94	N/A	250	LIM	>200	~	3.15	N/A	N/A	N/A
1 L3	Lighting - Reception/dis w.c 2/training room	А	В	10	1.5	1	0.4	60898	В	10	10	3.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.61	N/A	250	LIM	>200	~	1.82	N/A	N/A	N/A
2 L1	Dis w.c 2 - hand dryer	А	В	1	2.5	1.5	0.4	60898	В	16	10	2.18	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.09	N/A	500	>999	>999	~	0.3	N/A	N/A	N/A
2 L2	Ring Final - offices/corridor	А	В	23	2x2.5	2x1.5	0.4	61009	В	32	10	1.10	61009-B	AC	30	32	1.08	1.1	1.92	0.75	N/A	500	>999	>999	~	0.93	17	~	N/A
2 L3	Ring Final - interview. Training/reception/corridor	А	В	16	2x2.5	2x1.5	0.4	61009	В	32	10	1.10	61009-B	AC	30	32	0.88	0.88	1.53	0.6	N/A	500	>999	>999	V	0.74	15	~	N/A
3 L1	Ring Final - Tea room (kitchen area)	А	В	8	2x2.5	2x1.5	0.4	61009	В	32	10	1.10	61009-B	AC	30	32	0.44	0.41	0.69	0.29	N/A	500	?999	>999	~	0.58	17	~	N/A
3 L2	Fire alarm panel	0	В	1	1.5	1.5	0.4	60898	В	6	10	5.82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	LIM	~	0.91	N/A	N/A	N/A
3 L3	Data cabinet fan	А	В	1	1.5	1	0.4	60898	В	16	10	2.18	N/A	N/A	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	LIM	~	0.53	N/A	N/A	N/A
CODE	A B S FOR Thermoplastic Thermo E OF insulated/sheathed cable	plastic			C ermopl cables			D Thermopla cables i				E ermopla		Therm	F noplas	itic	The	G	ting		H Mine					o - 0th FP20			
WIR			t		etallic		t	metallic tru					unking	/SWA	A cable	es	/S	WA cat	les	in	sulate	d cable	es			rrz(	,U		
	DETAILS OF TEST INSTRU  ils of test instruments used (serial			sat n	umhe	re).																							
	unctional:		0655		шпьс	,, 3).	I i	nsulation	resis	tanc	e:				N	/A				Cor	ntinu	ity:				N/A			
Earth 6	electrode resistance:		N/A				Е	arth fault	loop	imp	edar	ice:			N	/A				RC	D:					N/A			
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Nam			F	Positi	on:			Elect	ricia	n			Signa	iture			A	ndre	ew F	Palm	er			Date	e:	1(	)/10/	/2022	2
This for	m is based on the model shown in	Appe	endix	6 of	BS 76	571:2	2018	+A2:2022	2.									ef: 2									Page	e: 12	of 15

## Switch cupboard Origin DB 2 DB reference: Supplied from: Location: CIRCUIT DETAILS TEST RESULT DETAILS Conductor details Overcurrent protective device RCD Continuity ( $\Omega$ ) Insulation resistance RCD AFDD $Z_S$ ct time BS7671 Number R1+R2 Ring final circuit Manual test button operation (tick) Reference method and size Rated operating current (mA) - Earth (MΩ) g Test button operation (tick) S Disconnection time (ms) Type of wiring er of served (G) Circuit description by B Zs Polarity (tick) voltage (mm<sup>2</sup>)r<sub>n</sub> (neutral) (mm<sup>2</sup>)Max discon permitted t 3 3 (EN) r<sub>1</sub> (line) r<sub>2</sub> (cpc) Rating Circuit Live Test cbc BS $R_2$ Water heater in dis w.c 2 В 1.5 0.4 4 L1 Α 2.5 В 10 2.18 >999 >999 ~ 0.25 N/A N/A N/A 60898 16 N/A N/A N/A N/A N/A N/A N/A 0.04 N/A 500 В 2.5 4 L2 Intruder alarm Α 3 1.5 0.4 60898 В 6 10 5.82 N/A N/A N/A N/A N/A N/A N/A LIM 0.03 N/A LIM LIM LIM LIM N/A N/A N/A 4 L3 Door entry system Α В N/V 2.5 1.5 0.4 60898 В 6 10 5.82 N/A N/A N/A N/A N/A N/A N/A LIM LIM LIM N/A N/A N/A LIM LIM N/A LIM 5 L1 Spare ---------------------------5 L2 Data cabinet power Α В 2.5 1.5 0.4 60898 В 10 2.18 N/A N/A N/A N/A N/A N/A N/A LIM N/A LIM LIM ~ 0.75 N/A N/A N/A 16 ---5 L3 Dis w.c assist alarms Α В 3 2.5 1.5 0.4 60898 В 16 10 2.18 N/A N/A N/A N/A N/A N/A N/A LIM LIM N/A LIM LIM LIM LIM N/A N/A N/A 6 L1 Spare ------------6 L2 Spare --6 L3 Spare В D G O - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosettina Mineral TYPE OF insulated/sheathed cables in FP200 cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

[	DIST	RIB	UTION	BO	ARD DI	ETAI	LS																										
DB ı	referer	nce:			DB S	olar	ΡV				Lo	cation:			Swi	tch c	upboard	b			Supp	olied	from	:				Ori	gin				
Distrik	oution	circu	it OCPD:	BS	(EN):				L	IM				-	Гуре:	L	IM	Rati	ng/S	ettir	ng:	LIN	1 A		No	of p	hases:		3				
SPD D	Details:	: Ту	pes:	T1	<b>/</b>	T2	~	Т	-3	N/A	Ν	I/A N/A	١				ndicator nality ind					/											
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							Cond	ductor c	letails		(s)	Overcurr	ent p	rotecti	ive dev	rice		RCD				Con	itinuity	(Ω)		Insula	ation res	istance		Zs	R	CD	AFDD
							po			nber size	time 37671										Ring	final c	ircuit	R1 or	†R2			(Z					ton
Circuit number			Circuit desc	cription		Type of wiring	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	Max disconnect time permitted by BS7671	BS (EN)	Туре	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (ΜΩ)	Live - Earth (M $lpha$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1 L1	Solar	PV				0	В	1	6	6	0.4	60898	С	20	10	0.87	N/A	N/A			N/A	N/A	N/A	0.06	N/A	500	>999	>999	~			N/A	N/A
1 L2	Solar	PV				0	В	1	6	6	0.4	60898	С	20	10	0.87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.09	N/A	500	>999	>999	~	0.29	N/A	N/A	N/A
1 L3	Solar	PV				0	В	1	6	6	0.4	60898	С	20	10	0.87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.06	N/A	500	>999	>999	~	0.26	N/A	N/A	N/A
			^			<u> </u>						D							_											0 0+4			
TYF	ES FOR PE OF RING		A Thermoplas sulated/shea cables		Thermo	3 oplastic es in condui			ermopl cables etallic	in	it	Thermopla cables i metallic tru	n		(	ermopla ables i tallic ti			noplas A cabl			G ermose WA cal		in	Mino nsulateo	eral	es			o - Oth SY fle			
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# CONTINUATION FOR GENERAL COMMENTS

# General Comments for the Installation or Inspection of the report: EVCP#1 100mA RCD AC type x1 = 18msEVCP#2 100mA RCD AC type x1 = 18msBoth EVCPs have supplementary earthing in place as PEN fault protective devices have not been installed Original Electrical Installation Certificate reference is 0298360, dated 16th August 2011 No certificates available to view for Tesla Powerwall, Solar PV or EV charge points x 2 Maximum Demand is quoted as 30A on original EIC

Ref: 221010SC

Tysoft EasyCert - Copyright Tysoft 2022.

# ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

- 1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section 7).
- 2. This Report is only valid if accompanied by the Inspection Schedule(s) and the Schedule(s) of Circuit Details and Test Results
- 3. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
- 4. The original Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.
- 5. Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
- 6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section 4.
- 7. For items classified in Section 7 as CI (Danger present), the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
- 8. For items classified in Section 7 as C2 (Potentially dangerous), the safety of those using the installation at risk and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
- 9. Where it has been stated in Section 7 that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code CI or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 7).
- 10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated in Section 7 of the Report under Recommendations.
- 11. Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or 'Test'. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. For safety reasons it is important that this instruction is followed.
- 12. Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should. be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.
- 13. Where the installation includes a surge protective device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice. For safety reasons it is important that this instruction is followed.
- 14. Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.