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

Certificate Number:

Client: Wessex RF		ORDERING	THE REP	ORT					
	use, Mount Sti	reet, Taunton,	Somerset ,	TA13QE					
2 REASON FOR P Reason for producing th 5 yearly inspection		THIS REPO	RT						
Date on which inspection	and testing was	s carried out:	14	/11/2023					
3 DETAILS OF TH	HE INSTALL	ATION WHI	CH IS TH	IE SUBJEC	T OF T	THIS R	EPORT		
	Yoxter CTC/So								
Description of premises:	Domestic	N/A Commer	rcial 🗸	Industrial	N/A	Other:		N/A	
Estimated age of wiring sy	ystem: 45	years		e of additions/	Ye	s if yes	, estimated	age:	10 years
Installation records availa	ble? (Regulation		alteratio N/A	115:	Date o	of last ins	pection:	05/0	9/2018
A EXTENT AND LI		•		ND TESTIN					
Extent of the electrical i				ND TESTIT	10				
25% of all fixed wiring.	,								
A constant the standard service of the standard servic	Al	/ D	(52.2)						
As Above	ig the reasons (	see Regulation	033.2).						
Agreed with:	Wessex RFCA	\							
Operational limitations inc	cluding the reas	ons:							
NA									
The inspection and testing 7671: 2018 (IET Wiring Re It should be noted that ca of the building or undergrinspection. An inspection	egulations) as a ables concealed round, have not	mended to 2022 within trunking been inspected	2. and conduits unless speci	s, under floors fically agreed	s, in roof betwee	f spaces, n the clie	and genera nt and inspe	lly within	the fabric
5 SUMMARY OF T	THE CONDIT	TION OF TH	E I NSTAL	LATION					
See page 3 for a summa	ary of the gener	ral condition of t	the installation	on in terms of	electric	al safety.			
Overall assessment of toontinued use*:	the installation	n in terms of it	t's suitabili	ty for		l	JNSATISFA(	CTORY	
* An unsatisfactory ass conditions have been ic		cates that dang	gerous (Cod	de C1) and/c	or poter	ntially da	angerous (	Code C2)	)
/ RECOMMENDAT	TIONS								

 $\sqrt{}$ 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 or change of tenant/owner

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.

## 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

<b>/</b>
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The following observations and recommendations are made

tem No	Observations	Classification Code
1	Building 12/C8 & 9 are RCBOs but thr whole board is protected by a 30mA RCD which is causing tripping issues due to no discrepancy between RCDs.	C3
2	No SPD installed at the mains or at any of the buildings.	C3
3	Incorrect labeling for circuits everywhere.	C3
4	Separate buildings supplied from mains should have their own earth rod. Every building is on the same earthing arrangement which is wrong and potentially dangerous.	C2
5	Building 13, DB submain IP rating failure at bottom of board.	C2
6	Building 4- couldn't obtain Zs value at DB due to no CPC present. FI required immediately as potentially dangerous.	FI
7	Building 5- IP failure on left side of DB.	C2
8	Building 6- Couldnt obtain Zs value at DB because there is no CPC present. FI required immediately as potentially dangerous.	FI
9	Building 8- Plastic DB above fire exit.	C3
10	Building 8- dado trunking in office is heat damaged due to being directly above a heater.	C3
11	Bungalow DB- IP rating failure at bottom of board.	C2
12	Recommend testing whole installation as there's so much wrong with just 25% of the installation. You have young cadets staying in buildings which have potentially dangerous problems so I'm sure there are many more potentially dangerous faults to find in the other 75% of the installation.	FI

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the peresponsible for the installation the degree of urgency for remedial action.													
C1 Danger Present Risk of injury. Immediate remedial action required  C2 Potentially dan Urgent remedial required	ngerous action	C3 I mprovement recommended	FI Further inverse										
Immediate remedial action required for items:	N/A												
Urgent remedial action required for items:	4, 5, 7, 11												
Improvement recommended for items:	1, 2, 3, 9, 10												
Further investigation required for items:	6, 8, 12												
This form is based on the model shown in Appendix 6 of B	3S 7671:2018+	A2: 2022.		Page: 2 of 2									

8 GENERA General condit	LCONDI			LAIOTAL														
Unsatisfactory		(1				-37.												
9 DECLAR																		
I/We, being th signatures below										s indicated by my		the						
inspection and to	esting, hereb	y declare tl	hat the	informatio	n in th	is report,	including the	observa	ations	and the attached	d sche	edules,						
provides an accuin section 4 of the		nent of the	conditi	on of the e	electrica	al installa <sup>.</sup>	tion taking in	to accou	nt the	stated extent a	nd lim	nitations						
Trading Title:	APT Group	Services	LTD															
Address:	Unit 8a Ro	udway Bu	siness	Centre			Registra	ition Nur	nber	02860100								
	Devizes						(if applic	cable):										
	Wiltshire						Telepho	ne Numl	oer:	01380 739	837							
				Postcode:	SN	10 2LT												
For the INSDE	CTLON TECT	TINC AND	۸۵۵۲۵		•													
For the INSPECT Name:	ohn Bramwe		ASSES osition:		ectricia		Signature:		N	Date:	1//	11/2023						
											14/	11/2023						
	CHARAC1	[ERISTI				G ARRA	ANGEMEN'	TS		1								
Farthing	I						ature of Supply Parameters   Supply Protective Device											
Earthing Arrangements	Numb	er and Type	e of Live		rs	! Natu	re of Supply F	Paramete	ers	Supply Prote	ective	Device						
Arrangements	Numb	er and Type 1-phase (2-wire):	of Live	e Conducto 2-phase (3-wire):		Nomina	re of Supply F I voltage,			Supply Prote	ective Lll							
Arrangements	l I	1-phase	N/A	2-phase		Nomina U/Uo:		400	/23 v	1		М						
Arrangements TN-S: N/A TN-C-S:	l I	1-phase (2-wire): 3-phase	N/A	2-phase (3-wire): 3-phase		Nomina U/Uo: Nomina Prospec	I voltage, I frequency, factive fault	400	/23 v ) нz	BS (EN):	LII	М						
Arrangements TN-S: N/A TN-C-S:  TNC: N/A	AC:	1-phase (2-wire): 3-phase (3-wire):	N/A N/A	2-phase (3-wire): 3-phase (4-wire): 3-wire:	N/A	Nomina U/Uo: Nomina Prospect current Externa	I voltage, I frequency, faitive fault I pf: I earth fault	400 f: 50	/23 ∨ ) Hz ⁄I kA	BS (EN): Type: Rated current:	LII	M M						
Arrangements TN-S: N/A TN-C-S:  TNC: N/A TT: N/A	AC:   DC: N/A  Other:	1-phase (2-wire): 3-phase (3-wire): 2-wire:	N/A N/A N/A	2-phase (3-wire): 3-phase (4-wire): 3-wire:	N/A N/A	Nomina U/Uo: Nomina Prospectourrent Externa	I voltage,  I frequency, fative fault , lpf: I earth fault pedance, Ze:	400 f: 50 LIN	/23 V ) Hz // kA // Ω	BS (EN): Type: Rated current:	LII	M M						
Arrangements TN-S: N/A TN-C-S:  TNC: N/A TT: N/A	AC:   DC: N/A	1-phase (2-wire): 3-phase (3-wire): 2-wire:	N/A N/A N/A	2-phase (3-wire): 3-phase (4-wire): 3-wire:	N/A	Nomina U/Uo: Nomina Prospectourrent Externa	I voltage, I frequency, faitive fault I pf: I earth fault	400 f: 50 LIN	/23 ∨ ) Hz ⁄I kA	BS (EN): Type: Rated current:	LII	M M						
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Arrangements TN-S: N/A TN-C-S: V TNC: N/A TT: N/A IT: N/A  IT: N/A  IT: N/A  IT: N/A  IT: N/A  Current rating:	AC: V DC: N/A Other: Confirmatio ULARS OF ing N/A Vitch-Fuse / C	1-phase (2-wire): 3-phase (3-wire): 2-wire: n of supply Type: Resistance LIM	N/A N/A N/A N/A y polarit LATI te to Ea	2-phase (3-wire): 3-phase (4-wire): 3-wire: A  ON REF Details of Earth Rod arth:	N/A N/A N/A ERRE	Nomina U/Uo: Nomina Prospect Current Externa loop im Number  D TO I ation Eart Metho measu BS (EN) LIM	I voltage,  I frequency, for the fault period of supplies:  N THE RE the Electrode (for the fault)  I do for the fault period of the fault period	400 f: 50 LIN LII  PORT where a	/23 V ) Hz  // KA  // M  1  ppplicate  2	BS (EN):  Type:  Rated current:	LIII LIII L	M M IM A						
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Arrangements 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  Current rating:  If RCD main switch	DC: N/A Other: Confirmatio  JLARS OF ing  N/A  Vitch-Fuse / C  LIM A ch: N/A	1-phase (2-wire): 3-phase (3-wire): 2-wire: n of supply  INSTAL Resistance LIM Fuse/dev  Rated resistance current (1	N/A N/A N/A N/A Popularity LATI LET (Complete to Eacher / Red) Latice rations (Complete to Eacher / Red) Latice ra	2-phase (3-wire): 3-phase (4-wire): 3-wire: A  Cay:  ON REF Details of Earth Rod arth:	N/A N/A N/A ERRE Install  O  O  O  O  O  O  O  O  O  O  O  O	Nomina U/Uo: Nomina Prospect Current Externa loop im Number  D TO I ation Eart Metho measu  BS (EN) LIM MA G Bo	I voltage,  I frequency, for the fault period of supplies:  N THE RE the Electrode (for the fault period of the fault period o	400 f: 50 LIN LII  PORT where a	/23 V ) Hz  // kA  // Ω  1  ppplicate  2  ms conduction	BS (EN): Type: Rated current: Number of pole Weasured operating time:	LIII LIII L	M IM A LIM						
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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 re-	port informs
1.1	the appropriate authority 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)	Pass
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES	F 433
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	14/71
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)	Pass
4.0	OTHER METHODS OF PROTECTION (where any of the methods listed below are employed details s provided on separate sheets)	hould be
4.1	Non-conducting location (418.1)	Pass
4.2	Earth-free local equipotential bonding (418.2)	Pass
4.3	Electrical separation (Section 413; 418.3)	Pass
4.4	Double insulation (Section 412)	Pass
4.5	Reinforced insulation (Section 412)	Pass
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)	Pass
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)	Pass
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 Co. Improvement Co. Further L. Not LN/V 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, are 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)	Pass
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	ole   DASS   Unacceptable   C1 as C2   Improvement   C2   Further   FI   Not   Not   Not   Improvement   Not   Not	lot   N/A

12/IN	SPECTION 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)	Pass
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)	Pass
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)	Pass
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.	
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 526):	ection
7.16.1	Connections under no undue strain (526.6)	Pass
7.16.2	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	I SOLATION 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)	Pass
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)	Pass
8.2	Switching off for mechanical maintenance (Section 464; 537.3.2):	
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
OLITOON.	IES Unacceptable 1	Not   N/A

12/11	ISPECTION SCHEDULE (CONTINUED)	
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)	Pass
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	Pass
10.3	Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	Pass
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	Pass
10.5	Low voltage (e.g. 230 V) socket-outlets sited at least 2.5m from zone 1 (701.512.3)	Pass
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	Pass
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	Pass
10.8	Suitability of current-using equipment for particular position within the location (701.55)	Pass
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 inspect	ions)
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
Inspec <sup>-</sup>	ted by:	
Name:		4/11/2023
OUTCON Accepta	blo I Unacceptable I Improvement I Further I Net I	Not '
condition		licable N/A

1	DISTRIBUTION	BOARD [	DETA	ILS																										
DB r	eference:	Building	12 CA	A offi	ce			Lo	cation:		Bui	lding	j 12 k	y front c	loor			Supp	olied 1	from:				Buil	ding 1	l circ	cuit 1			
Distrib	ution circuit OCPD:	BS (EN):			60	898	MCE	3 - B				Туре:		В	Rati	ng/S	ettir	ng:	40	Α		No	of p	hases	:	3				
SPD D	etails: Types:	T1 N/A	T2	N/A	\ 7	T3	N/A	Ν	1/A N/A	4				ndicator o					/											
	mation of supply pol							nhase	e sequenc			N/A	ictioi	ianty muic	atui	pres	sent,	,			Zs a	t DR·	(	).49	)		nf at	DB·	0.4	8 kA
	CHEDULE OF (	-	)ETA																								———		0.1	
	CHEDULE OF (	JIRCUITL	DETA	ILS .		CUIT			UL15													т	FSTR	ESULT	DETAIL	S				
/				Conc	ductor o			(S)	Overcuri	rent p	rotect	ive dev	vice		RCD				Con	tinuity	(Ω)	·	_	ation res			Zs	R	CD	AFDD
				p		Nun	nber size											Ring	final c	ircuit	R1- or	+R2 R2				-				E
Circuit number	Circuit desc	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)	Type	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																													N/A	N/A
2																													N/A	N/A
3																													N/A	N/A
4																													N/A	N/A
5																													N/A	N/A
6																													N/A	N/A
7	Lights 2		А	100	7	1.5	1.0	0.4	60898	В	6	6	7.28	-	-	-	-	-	-	-	1.11	N/A	500	>200	>200	~	1.53	LIM	N/A	N/A
8	Sockets ring		А	100	8	2.5	1.5	0.4	61009	В	32	6	1.37	61009-B	AC	30	32	0.03	0.03	0.15	0.09	N/A	500	>200	>200	~	0.66	LIM	N/A	N/A
9																													N/A	N/A
10																													N/A	N/A
TYP	S FOR Thermoplas E OF insulated/shea RI NG cables	B moplastic bles in lic condu			C ermopla cables etallic	in	it	Thermopla cables metallic tru	in	ı	(	E ermopla cables i etallic ti			F noplas A cable			G ermose WA cat		in	Mine sulate		es .			0 - Oth N/A				
Deta Multi-f	DETAILS OF TE ills of test instrumer unctional: electrode resistance	nts used (seri	al and/			umbe	ers):		nsulation arth fault				ice:								Cor RCI	ntinu D:	ity:		N/A					
Nam	ESTED BY e: John		ı	Positio	on:			Elect	ricia	an			Signa	iture	:				V					Dat	e:	14	/11/	'2023	3	

#### SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Building 12 CAA office Building 12 by front door Building 1 circuit 1 Supplied from: DB reference: Location: CIRCUIT DETAILS TEST RESULT DETAILS Conductor details Overcurrent protective device RCD Continuity ( $\Omega$ ) Insulation resistance $Z_S$ RCD AFDD Max disconnect time permitted by BS7671 Number R1+R2 Ring final circuit and size Reference method Maximum permitted Zs (Ω) Rated operating current (mA) Live - Earth (MΩ) Test button operation (tick) Test voltage (V) - Live (M $\Omega$ ) Maximum measured (Ω) Number of points served Disconnection time (ms) Type of wiring Circuit description Polarity (tick) Live (mm<sup>2</sup>)(mm<sup>2</sup>)r<sub>n</sub> (neutral) Rating (A) Rating (A) Breaking capacity ( BS (EN) r<sub>1</sub> (line) r<sub>2</sub> (cpc) Circuit r R1+R2 Туре $R_2$ 11 N/A N/A 12 N/A N/A Fire Alarm 100 1.5 | 1.0 | 0.4 60898 В 6 6 7.28 0.01 N/A 500 >200 >200 0.46 LIM N/A N/A 13 Α 14 N/A N/A 15 N/A N/A 16 N/A N/A N/A N/A 17 18 N/A N/A В D G O - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed N/A cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

1	DI STRIBUTION BOARD DETAILS  DB reference: Building 13 landmarc DB2 Location: Above front door Supplied from: Building 13 landmarc DB1 1L1																														
DB r	reference:	Buildin	ıg 13 la	andm	narc I	DB2			Loc	cation:			Abo	ve fr	ont doo	r			Sup	olied	from	:		Build	ding 1	3 Ian	dma	rc DE	31 1L	.1	
Distrib	oution circuit OCPD:	BS (EN	):			Ur	nider	ntifia	able				Гуре			Rati	ng/S	Settir	ng:	63	Α		No	of p	hases	:	1				
SPD D	etails: Types:	T1 N/	Ά -	T2	N/A	Т	T3	N/A	N	/A <b>/</b>			St	atus i	ndicator	check	ked (	(whe	re	N/	Α										
	· .		<b>V</b>								^		lu N/A	netion	ality indi	cator	pres	sent <sub>.</sub>	)			70.0	t DB:	(	).19 <u></u>	,		nf at	DD.	1.2	2 kA
	mation of supply po									sequence	e 		N/A									ZS a	l DB:		J. 19 S	2		pf at	DB:	1.2	Z KA
-	SCHEDULE OF (	CIRCUI	I DE	IAI	LS A					ULIS														TCT D	TCULT	DETAIL	<u> </u>				
					Cond	uctor c	CUIT	DETA	(S)	Overcurr	ent p	rotect	ve de	/ice		RCD				Cor	itinuity	/ (O)			ESULT ation res		.5	Zs	R		AFDD
					ъ			mber I size											Ring	final c			+R2								
Circuit number	Circuit desc		Type of wiring	Reference method	Number of points served		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	R <sub>2</sub>	Test voltage (V)	Live - Live (ΜΩ)	Live - Earth (M $\alpha$ )	Polarity (tick)	Maximum measured (a)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)	
1																															
2																															
3	Water heater			Α	100	1	2.5	1.5	0.4	60898	В	16	6	2.73	4293	AC	30	63				0.01	N/A	500	>200	>200	~	0.60	37.2	~	N/A
4																															
5	2X sockets under be	nch		С	В	2	2.5	1.5	0.4	60898	В	16	6	2.73	4293	AC	30	63				0.01	N/A	500	>200	>200	~	0.35	36.8	~	N/A
6																															
TYP	TYPE OF insulated/sheathed cables in							lastic in condu	cables in cables in (SWA cables (SWA cables insulator						eral																
Deta	DETAILS OF TE hils of test instrumer functional:		and/d			umbe	ers):	lı	nsulation	resis	stanc	e:									Co	ntinui	ity:								
	arth electrode resistance:									arth fault				nce:								RC									
	TESTED BY																														
Nam		ell		F	ositio	on:			Elect	ricia	n			Sign	ature	:				N					Dat	e:	14	/11/	2023	}	

	DISTRIBUTION BOARD DETAILS  DB reference: Building 13 landmarc Sub main DB Location: Cupboard next to front door. Supplied from: Main intake																															
DB r	referenc	e:	Buildin	ng 13 land	dmarc	Sub	main	DB		Lo	cation:	С	upb	oard	nex	t to fror	nt doc	or.		Supp	olied	from	:			N	∕lain i	ntak	æ			
Distrik	oution ci	rcuit OCPE	): BS	(EN):										Туре			Rati	ng/S	Settir	ng:		Α		No	o of p	hases		3				
SPD D	etails:	Types:	T1	N/A	T2	N/A	\   7	Г3	N/A	Ν	I/A 🗸					indicator					N/	Α										
				· · · ·								0		Tul	nctioi	nality ind	licator	pres	sent,	)			70.0	+ DD:	(	).15 <u>c</u>	,		pf at	DD.	1.5	7 LA
		of supply p									e sequenc	e 											ZS a	t DB:		7.13 2	2	<u>'</u>	ргас	DB:	1.5	/ KA
	SCHEL	DULE OF	CIRC	CULLD	LIA	LS					ULIS														TECT D	FCULT.	DETAIL	<u> </u>				
						Conc	ductor o	details	DETA	(S)	Overcurr	ent p	rotect	ive dev	/ice		RCD				Cor	ntinuity	/ (O)	'		ESULT ation res		5	Zs	R	CD	AFDD
								Nur	mber I size											Ring	final c			+R2								
per		Circuit de	escription		ng	netho	p		3120	y BS7				2	(σ) sz			ating ()					-		3	(MD)	(MΩ)		ਰਿ ਹਿ	LO U	ick	butto ick)
t num					of wiring	ance r	er of	mm <sup>2</sup> )	nm <sup>2</sup> )	Max disconnect time permitted by BS7671	Î		€	ing ity (k	tted Z	2		opera	€	(e)	utral)	ତ	8		oltag	- Live (ΜΩ)	Earth	ry (tic	num rred (	ms)	utton tion (	al test tion (
Circuit number					Type of wiring Reference method Number of points served Live (mm²) pp						BS (EN)	Туре	Rating (A)	Breaking capacity (kA)	Maximum permitted	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R <sub>2</sub>	Test voltage (V)	Live -	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1 L1	Buildin	g 13 DB2			А	100		16	16		Jnidentifial				N/A									N/A		>200	>200	~			N/A	
1 L2					A 100 1 16 16																											
1 L3																																
2 L1																																
2 L2																																
2 L3																																
3 L1																																
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	ES FOR	A Thermop		Therm	B oplastic			C ermopl			D Thermopla				E ermopl		Therr	F noplas	stic	The	G ermose	ettina		Min	H eral			(				
	PE OF RING	insulated/s cable			les in c condu	it		cables etallic		iit	cables i metallic tru				cables etallic t	in runking		A cabl			SWA ca		ir		d cable	S			N/A	·		
		LS OF T																														
	ails of te function	est instrum	ents us	ed (seria		or as )9118		umbe	ers):	1	nsulation	rocio	tanc	201									Co	ntinu	itv.							
		ai. Ie resistan	~~·		00	77110	50				arth fault				oco.								RC		ity.							
				<del>.</del>							ar tir rault	1001	· 1111	Jedai									110	J.								
	TESTE		Positi	on:			Floot	riolo	n			Clar	actura					N					Dot	O - Other N/A Date: 14/11/2023								
Nam	ie.	nwell		ŀ	OSILI	UH:			Elect	ıılli	II I			Sigi	nature					V					Date	₹.	14	/ 11/	ZUZ:	)		

### SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Building 13 landmarc Sub main DB Cupboard next to front door. Main intake Supplied from: Location: DB reference: CIRCUIT DETAILS TEST RESULT DETAILS Conductor details Overcurrent protective device RCD Continuity $(\Omega)$ Insulation resistance $Z_S$ RCD AFDD Max disconnect time permitted by BS7671 Number R1+R2 Test button operation (tick) Manual test button operation (tick) Ring final circuit and size Reference method Rated operating current (mA) Live - Earth (Ma) Maximum permitted Zs (Ω) Test voltage (V) - Live (M $\Omega$ ) Maximum measured (Ω) Number of points served Disconnection time (ms) Type of wiring Circuit description Polarity (tick) Live (mm<sup>2</sup>)cpc (mm<sup>2</sup>) r<sub>n</sub> (neutral) Rating (A) Rating (A) BS (EN) r<sub>1</sub> (line) r<sub>2</sub> (cpc) Circuit r R1+R2 Type $R_2$ 4 L2 4 L3 5 L1 5 L2 5 L3 6 L1 6 L2 6 L3 7 L1 7 L2 7 L3 8 L1 8 L2 8 L3 9 L1 9 L2 9 L3 10 L1 10 L2 10 L3 O - Other В CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed N/A cables in cables in cables in cables in /SWA cables /SWA cables insulated cables nonmetallic conduit WIRING cables metallic conduit metallic trunking nonmetallic trunking

### SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Building 13 landmarc Sub main DB Cupboard next to front door. Main intake Supplied from: Location: DB reference: CIRCUIT DETAILS TEST RESULT DETAILS Conductor details Overcurrent protective device RCD Continuity $(\Omega)$ Insulation resistance $Z_S$ RCD AFDD Max disconnect time permitted by BS7671 Number R1+R2 Test button operation (tick) Manual test button operation (tick) Ring final circuit and size Reference method Rated operating current (mA) Live - Earth (Ma) Maximum permitted Zs (Ω) Test voltage (V) Maximum measured (Ω) Number of points served Disconnection time (ms) Type of wiring Circuit description Polarity (tick) Live (mm<sup>2</sup>)cpc (mm<sup>2</sup>) r<sub>n</sub> (neutral) Rating (A) Rating (A) BS (EN) r<sub>1</sub> (line) r<sub>2</sub> (cpc) Circuit r R1+R2 Type $R_2$ 11 L1 11 L2 11 L3 12 L1 12 L2 12 L3 O - Other В CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed N/A cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

DISTRIBUTION BOARD DB reference:			ΕΤΑΙ	LS																										
DB r	eference:	Buil	ding	1				Loc	cation:			Nex	t to fr	ont doo	r			Supp	olied	from	:		Buil	ding 1	13 Sul	o ma	in D	B 3L1	i	
Distrib	ution circuit OCPD:	BS (EN):			U	nider	ntifia	ble			-	Гуре	: L	IM	Rati	ng/S	Settir	ng:	63	Α		No	of p	hases:		1				
SPD D	etails: Types:	T1 N/A	T2	N/A	. 1	T3	N/A	N	/A 🗸					ndicator of					N/	Α										
	mation of supply pol								sequence	2		V/A	riction	anty mun	Jatoi	pre	sent,	)			Zs a	+ DR·	(	).39 ኗ	,	1	of at	DR:	0.6	2 kA
		,	1				-		· ·	<del></del>		W/ /\														'	νι αι 	<u></u>	0.0	
S	CHEDULE OF (	CIRCUIT DE	<u> I AI</u>	LS A		CUIT			ULIS													т	EST D	ESULT I	DETAIL					
<u> </u>				Cond	luctor		DETAI	(S)	Overcurr	ent p	rotecti	ve de	vice		RCD		_		Cor	ntinuity	y (Ω)			ation res			Zs	R	CD	AFDD
				٥			mber size											Ring	final c	ircuit	R1 or	 k <u>P</u> 2								L.
Circuit number	Circuit desc	ription	Type of wiring	Reference method	Number of points served		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 (MΩ)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1																														
3	Sockets and heater b	ack of room	Α	100	2	2.5	1.5	0.4	60898	В	16	10	2.73	61008	AC	30	63				0.37	N/A	500	>200	>200	~	0.83	28.6	~	N/A
2	Sockets far and heat	er below	С	В	2	2.5	1.5	0.4	60898	В	16	10	2.73	61008	AC	30	63				0.42	N/A	500	>200	>200	~	0.86	27.9	~	N/A
4																														
5																														
6																														
7																														
8																														
9																														
10																														
TYP	S FOR Thermoplas E OF insulated/shea		oplastic es in			C ermopl cables etallic	in	it	D Thermopla cables i metallic tru	n			E ermopla cables i etallic tr	n		F mopla: A cabl			G ermose SWA ca		ir	H Mine sulated	eral	s		C	0 - Oth N/ <i>P</i>			
Deta Multi-f	DETAILS OF TE ils of test instrumer unctional: electrode resistance	nts used (serial	and/			umbe	ers):		nsulation arth fault				oce.								Col	ntinui	ity:							
	ESTED BY	Bramwell		F	Positio	on:			Electi					Signa	ature	::				N	1.0				Date	e:	14	/11/	2023	3

C			DETA	ILS																										
DB r	eference:	E	Building	2				Lo	cation:			Nex	t to f	ront doo	r			Supp	plied	from	1:		Buil	ding	13 suk	ma	ıin D'	B 2L3	3	
Distrib	ution circuit OCPD:	BS (EN):			Uı	nider	ntifia	able				Туре	e:	_IM	Rati	ng/S	Settir	ng:	63	Α		No	of pl	hases	:	1				
SPD D	etails: Types:	T1 N/A	T2	N/A	١ -	Г3	N/A	N	I/A 🗸					indicator nality indi					V	,										
	mation of supply pol		~						e sequenc	0		N/A	irictio	nanty mui	cator	pre:	sent <sub>.</sub>	)			Zs a	+ DR:	0	0.30	2	1	pf at	DR:	0.7	7 <b>9</b> kA
												1 1/ / \												7.50 3			Ji at	<i></i>	0.7	7 10.7
3	CHEDULE OF (	JIRCUIT	DETA	ILS		CUIT			UL15													т	FST DI	FSIIIT	DETAIL					
				Cond	ductor		DETA	(S)	Overcuri	rent p	rotect	ive de	vice		RCD				Cor	ntinuit	y (Ω)				sistance		Zs	R	CD	AFDD
							mber I size											Ring	final o	ircuit	R1-	# <u>}</u> 2								L.
Circuit number	Circuit desc	ription	Type of wiring	Reference method	Number of points served		cpc (mm <sup>2</sup> )	Max disconnect time permitted by BS7671	BS (EN)	Туре	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)		Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (M $\Omega$ )	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1																							500		> 200					
2	Heater and socket		С	В	2	2.5	1.5	0.4	60898	В	16	10	2.73	61008	AC	30	63	-	-	-	0.42	N/A	500	-	> 200	~	0.76	26.2	~	-
3																							500		> 200					
4																							500		> 200					
5	Heater and socket le	ft	С	В	2	2.5	1.5	0.4	60898	В	16	10	2.73	61008	AC	30	63	-	-	-	0.01	N/A	500	-	> 200	~	0.44	28.0	~	-
6																							500		> 200					
7																							500		> 200					
8																							500		> 200					
9																							500		> 200					
10																							500		> 200					
	S FOR Thermoplas E OF insulated/shea	athed	B nermoplastic cables in stallic condu			C ermopl cables netallic	in	it	D Thermopla cables i metallic tru	in			E ermop cables etallic			F noplas A cabl			G ermose SWA ca		in	H Mine sulate		S		(	0 - 0th			
Deta Multi-f	DETAILS OF TE ills of test instrumer unctional:	nts used (se	erial and		sset n	umbe	ers):		nsulation													ntinu	ity:							
	electrode resistance	:						E	arth fault	loop	imp	oeda	nce:								RC	D:								
Nam	ESTED BY e: John	Bramwell			Positi	on:			Elect	ricia	ın			Sign	ature	:				D/					Date	e:	14	1/11/	'202:	3

1	DISTRIBUTION	I BOARD D	ЕТА	ILS																										
DB r	reference:	Bu	ilding	4				Lo	cation:									Supp	plied f	rom:		Buil	ding	13 la	ndma	rc su	ıb ma	ain D	B 2L	.2
Distrib	oution circuit OCPD:	BS (EN):			U	nider	ntifia	able				Туре	: L	.IM	Rati	ng/S	Settir	ng:	63	Α		No	o of p	ohases	s:	1				
SPD D	etails: Types:	T1 N/A	T2	N/A	. 7	Г3	N/A	Ν	I/A 🗸					indicator (					N/A	4										
										0		ru N/A	nctioi	nality indi	cator	pres	sent	)			<b>7</b> 0.00	+ DD.			0		nf at	DD.	E'	l kA
	mation of supply po								sequenc	e 		IN/A									zs a	t DB:			Ω		pf at	DB:	FI	KA
S	SCHEDULE OF (	CIRCUIT D	ETA	ILS					ULTS																	_				
				Cond	CIR luctor o	CUIT	DETAI	LS Ø	Overcuri	rent n	rotect	ive de	vice		RCD				Cont	tinuity	(O)			RESULT lation re	DETAIL	.S	Zs	R	CD	AFDD
					luctor c	Nur	nber		Overeun	lent p	Jotect	TVC GC	Vice		TOD			Ring	final ci		R1- or	 +R2	msu		Jistance		23			
oer	Circuit desc	cription	D <sub>D</sub>	Reference method	ō	anu	size	Max disconnect time permitted by BS7671				3	(a) s			ting						11/2	3	Ma)	(MD)	0	2	LC	ic ( <del>X</del> )	Manual test button operation (tick)
Circuit number			Type of wiring	nce n	Number of points served	Live (mm <sup>2</sup> )	(mm <sup>2</sup> )	sconr ted b	9		€	Breaking capacity (kA)	um ted Zs	9		Rated operating current (mA)	3	(a)	r <sub>n</sub> (neutral)	ଚ	01		Test voltage (V)	Live - Live (MΩ)	Live - Earth (MΩ)	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	I test ion (t
Sircuit			lype o	Refere	Jump	live (r	cpc (n	Max d	BS (EN)	Туре	Rating (A)	3reaki 3apaci	Maximum permitted	BS (EN)	Туре	Rated	Rating (A)	r1 (line)	n (ne	r2 (cpc)	R1+R2	R <sub>2</sub>	rest v	- e - i	- is	olarit	Maxim	Discor ime (	rest b	Manua
1	Socket near left		Α	100	1	2.5	1.5		3871	2	16	NV	1.95		AC			_			FI	N/A	i i			~	FI	FI	~	N/A
2	socket near right		А	100	1	2.5	1.5	0.4	3871	2	16	NV	1.95	61008	AC	30	80				Fzi	N/A				~	FI	FI	~	N/A
3																														
4																														
5																														
6																														
7																														
8																														
	A Thermoplas	stic Therm	B oplastic	:		C ermopl			D Thermopla				E ermopl		Therr	F moplas	stic	The	G ermoset	tina		Mine				- (	O - Oth			
	PE OF insulated/she RING cables	atned cab metalli	les in c condu	it		cables etallic		it	cables i metallic tru				cables etallic t	runking		A cabl			SWA cab		in	sulate		es			N/A	<b>\</b>		
	DETAILS OF TE																													
	ails of test instrumer functional:	nts used (seria		or as: )9118		umbe	ers):		nsulation	racio	stanc	٠۵٠									Cor	ntinu	itv.							
	electrode resistance		00	,,,,,	50				arth fault				nce.								RC		ity.							
									a. iii iuuli	.00	- 1111		.00.								-110									
Nam	TESTED BY	n Bramwell			Positio	on:			Elect	ricia	n			Signa	atura					N					Dat	0.	1 /	1/11/	2021	2
ivail	JOHN	ושווואאלוו		Г	USILI	OII.			LIEUL	IIUIC	ווג			Signa	ature	•				V					Dat	C.	14	/ 11/	2020	י

	DISTRIBUTION	I BOARD D	ЕТА	ILS																										
DB r	reference:	Bui	lding	5				Lo	cation:									Supp	olied	from	:		Build	ding 1	3 Ian	dma	rc DE	31 2L	.2	
Distrib	oution circuit OCPD:	BS (EN):			Ur	nider	ntifia	ble				Type:	L	IM	Rati	ng/S	ettir	ng:	40	Α		No	o of p	hases		1				
SPD D	etails: Types:	T1 N/A	T2	N/A	Т	-3 l	N/A	N	I/A 🗸					ndicator o					N/	Α										
	mation of supply po								e sequenc	0		nur N/A	iction	nality indic	cator	pres	sent <sub>.</sub>	)			Zs a	+ DD:	(	).51 <u>c</u>			pf at	DD.	0.4	l6 kA
		-							· ·	<del></del>		IN/A									25 a			J. J 1 2			ргас	<b>Б</b> Б.	0.4	U KA
	SCHEDULE OF (	CIRCUIT D	LIA	LS		CUIT			ULIS														TECT D	RESULT	DETAIL					
				Conc	ductor o		DETAI	(\$)	Overcurr	ent p	rotect	ive dev	vice		RCD				Con	tinuity	/ (Ω)			ation res		1	Zs	R		AFDD
				ъ		Num	nber size											Ring	final c			 †₽}								
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	R <sub>2</sub>	Test voltage (V)	Live - Live (ΜΩ)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1	Sockets		С	В	4	2.5	1.5	0.4	60898	В	20	6	2.19	61008	AC	30	63	-	-	-	0.65	N/A	500	>200	>200	~		28.0		N/A
2																														
3																														
4																														
5																														
6																														
7																														
8	Hand Dryer		С	В	1	2.5	1.5	0.4	60898	В	16	6	2.73	61008	AC	30	63	-	-	-	0.09	N/A	500	>200	>200	~	0.62	28.0	~	-
TYP	A Thermoplas PE OF Insulated/she. RING cables	stic Therm athed cab	B oplastic les in c condu		(	C ermopla cables i etallic o	in	t	Thermopla cables i metallic tru	in		(	E ermopla cables i etallic tr			F noplas A cable			G ermose WA cal		in		eral d cable	es			0 - 0th N/A			
	DETAILS OF TE																													
	ails of test instrumer functional:	nts used (seria		or as )9118		umbe	ers):	10	nsulation	racio	stano	٠۵٠									Col	ntinu	itv.							
	electrode resistance		00	,,,,,	50				arth fault				ice.								RC		ity.							
									ar tir iddit	.00	- 1111	- Caul	.50.																	
Nam	ESTED BY ne: John	Bramwell		ı	Positio	on:			Elect	ricia	an			Signa	ature	:				D					Dat	e:	15	5/11/	2023	3

1	DISTRIBUTION BOAF			DETA	ILS																										
DB r	reference:		Е	Building	j 6				Loc	cation:	С	upb	oard	d nex	t to front	doc	or.		Supp	olied	from	:		Build	ding 1	3 lan	dmar	c DB	1 2L	.2	
Distrib	oution circuit C	CPD: [	BS (EN):			U	nider	ntifia	able				Турє	:: L	IM	Rati	ng/S	Settir	ng:	80	Α		No	o of p	hases:		1				
SPD D	etails: Types	: Т	1 N/A	T2	N/A	4 -	Г3	N/A	N	/A 🗸			St	tatus	indicator on ality indicator	check	ked (	(whe	re	N/	Α										
	mation of supp			X					nhase	sequenc	6		N/A	ilictioi	ianty mun	Jatoi	pre.	SCIII,	,			7s a	t DB:		FI Ω		lr	of at I	DB·	FI	l kA
	SCHEDULE																								11 =						
	CHEDULE	OF CIT	RCUIT	DETF	VI LO		CUIT			ULIS													1	TEST R	ESULT I	DETAIL	.S				
					Con	ductor			(8)	Overcurr	ent p	rotect	ive de	vice		RCD				Cor	ntinuity	' (Ω)			ation res			Zs	RC	CD	AFDD
					pc			mber I size	time 7671										Ring	final c	circuit	R1 or	†R2								Б Б
Circuit number	Circ	uit descript	ion	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	R <sub>2</sub>	Test voltage (V)	Live - Live (MΩ)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1	Sockets			А	100	1	2.5	1.5	0.4	3871	2	16	NV	1.95	61008	AC	30	80	-	-	-	FI	N/A	500	>200	FI	N/V	FI	FI	~	N/A
2	Sockets			А	100	1	2.5	1.5	0.4	3871	2	16	NV	1.95	61008	AC	30	80	-	-	-	FI	N/A	500	>200	FI	N/V	FI	FI	~	N/A
3																															
4																															
5																															
6																															
7																															
8																															
TYP	E OF insula	A rmoplastic ed/sheathe cables	ed (	B ermoplast cables in allic cond			C ermopl cables netallic	in	it	D Thermopla cables i metallic tru	in			E ermopl cables etallic t			F mopla: A cabl			G ermose WA ca		ir	H Min		S		С	o - Oth			
Deta	DETAILS On the state of test instanctional:			rial and		set n	umbe	ers):	Ir	nsulation	resis	stanc	e:									Co	ntinu	ity:							
	electrode resis								E	arth fault	loop	ami c	oeda	nce:								RC	D:								
Nam	ESTED BY ne:		ramwell			Positi	on:			Elect	ricia	an			Signa	ature	::				V					Dat	e:	15	/11/:	2023	3

	DISTRI	IBUTION	UTION BOAR			LS																										
DB r	eference	э:		Bui	lding	7				Loc	ation:			Nex	t to f	ont door				Supp	olied	from	:				Build	ing 8	}			
Distrib	ution cir	rcuit OCPD:	BS (	(EN):			60	898	MCE	3 - B			-	Туре	:	С	Rati	ng/S	ettir	ng:	50	Α		No	o of p	hases		1				
SPD D	etails:	Types:	T1	N/A	T2	N/A	. 1	T3	N/A	N.	/A 🗸					indicator c					N/	Α										
		J.		~							sequence	0		N/A	rictioi	nality indic	ator	pres	sent <sub>.</sub>	)			7c a	t DB:	(	).40 <u>c</u>	)		nf at	DB:	0.5	( <b>Ο</b> ΚΔ
												<del></del>												. Db.		2.40			ρι αι 	<u> </u>	0.5	7 84
	CHED	OULE OF C	TRC	טוו טו	<u> I AI</u>	LS A		CUIT			ULIS													т	TEST D	ESULT	DETAIL	<u> </u>				
<u> </u>						Cond	luctor		DETAI	(S)	Overcurr	ent p	rotect	ive de	vice		RCD				Con	tinuity	/ (Ω)	'		ation res		.5	Zs	RO	CD	AFDD
						٥			mber size											Ring	final c	ircuit	R1	+R2								LC.
pper		Circuit desc	ription		wiring	Reference method	eq			Max disconnect time permitted by BS7671				(K)	Zs (Ω)			Rated operating current (mA)							3	(MΩ)	- Earth (MΩ)	<u> </u>	g	io	tick)	Manual test button operation (tick)
Circuit number					of	ence	Number of points served	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	discor itted	2		Rating (A)	ding Sity (k	Maximum	(Z		d oper nt (m	Rating (A)	(ər	r <sub>n</sub> (neutral)	)c)	22		Test voltage (V)	- Live (MΩ)	- Eartl	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	buttor ation (	al tes
Circu					Туре	Refer	Numi	Live	cbc (	Max	BS (EN)	Туре	Ratin	Breaking capacity (	Maxii	BS (EN)	Туре	Ratec	Ratin	r1 (line)	r <sub>n</sub> (n	r2 (cpc)	R1+R2	R2	Test	Live	Live	Polar	Maxir	Disco	Test button operation (tick)	Manu
1	Sockets	i			А	100	1	2.5	1.5	0.4	60898	В	16	6	2.73	61009-A	AC	30	63	-	-	-	0.01	N/A	500	>200	>200	~	0.37	48.8		N/A
2	Sockets	;			Α	100	1	2.5	1.5	0.4	60898	В	16	6	2.73	61009-A	AC	30	63				0.14	N/A	500	>200	>200	~	0.57	48.8	~	N/A
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
	S FOR E OF	A Thermoplas insulated/shea		Thermo	3 oplastic es in			C ermopl cables			Thermopla cables i				E ermopl cables			F noplas		The	G ermose	tting		Min				(	0 - 0th N/A			
	RING	cables	atrica	metallic		t		etallic		it	metallic tru					runking	/SW	A cabl	es	/S	SWA cal	oles	in	nsulate	d cable	S			IN/ <i>F</i>	· ====		
		LS OF TE st instrumer					sat ni	umbe	are).																							
	unction		its use	a (seriai		9118		шпре	JI 3).	Ir	sulation	resis	stand	e:									Coi	ntinu	ity:							
Earth (	electrode	e resistance	:							Ea	arth fault	loop	o imp	oeda	nce:								RC		,							
	ESTE	D BY																														
Nam			Bram	nwell		F	Positio	on:			Elect	ricia	an			Signa	ture	:				N					Dat	e:	15	/11/	2023	3

C	DISTRIBUTION BOARD DB reference:		ETAI	ILS																										
DB r	eference:	Buil	ding	8				Loc	cation:			Abo	ove fr	ont door				Supp	olied	from	:		build	ding 1	3 lan	dma	rc DE	31 1L	.2	
Distrib	ution circuit OCPD:	BS (EN):			Uı	nider	ntifia	able			-	Туре	: L	IM	Rati	ng/S	ettir	ng:	80	Α		No	of p	hases		1				
SPD D	etails: Types:	T1 N/A	T2	N/A	. 7	Г3	N/A	N	I/A 🗸					ndicator o					N/	Α										
	mation of supply pol								e sequenc	0		N/A	nctioi	iaiity iriuic	ator	pre:	sent,	)			7c a	t DB:	(	).28 <u>c</u>	)		pf at	DR:	0.8	36 kA
												N/ /\												J.ZU <u>s</u>			ρι αι ———	<b>ВВ.</b>	0.0	
S	CHEDULE OF (	CIRCUIT DI	LIAI	LS.		CUIT			ULIS													т	ESTE	ESULT	DETAIL	<b>C</b>				
<u> </u>				Conc	ductor		DETA	(S)	Overcuri	rent p	rotect	ive de	vice		RCD				Cor	ntinuity	y (Ω)	'		ation res		.5	Zs	R	 CD	AFDD
							mber size											Ring	final c	ircuit	R1 or	+R2				-				L.
Circuit number	Circuit desc	cription	Type of wiring	Reference method	Number of points served		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 (MΩ)	Live - Earth (ΜΩ)	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1																														
2																														
3	Toilet heater		А	100	1	2.5	1.5	0.4	60898	В	16	6	2.73	61009-A	AC	30	63	-	-	-	0.05	N/A	500	>200	>200	~	0.38	34.0	~	N/A
4																														
5																														
6																														
7	Sub main building 7		F	D	1	16	16	0.4	60898	С	50	10	0.44	61009-A	AC	30	63	-	-	-	0.14	N/A	500	>200	>200	~	0.40	34.0	~	N/A
8																														
9																														
10	Beds 3 and 4 heaters	3	А	В	2	2.5	1.5	0.4	60898	В	16	6	2.73	61009-A	AC	30	63	-	-	-	0.01	N/A	500	>200	>200	~	0.07	36.9	~	N/A
TYP	S FOR Thermoplas E OF insulated/sher RI NG cables	stic Therm	B oplastic es in condui			C ermopl cables etallic	in	it	D Thermopla cables metallic tru	in			E ermopla cables i etallic ti	n		F moplas A cabl			G ermose WA cal		ir	H Mine nsulated	eral	es		(	0 - Oth N/ <i>F</i>			
Deta Multi-f	DETAILS OF TE ils of test instrumer unctional: electrode resistance	nts used (serial	l and/		set n	umbe	ers):		nsulation arth fault				nce:								Co	ntinu D:	ity:							
Nam	ESTED BY e: John	Bramwell		ſ	Positi	on:			Elect	ricia	an			Signa	iture	:				N					Dat	e:	15	5/11/	'202	3

S	CHED	ULE OF CIRC	UIT DE	TAI	LS.	ANE	) TE	ST	RES	ULTS																					
DB r	eference	::	Build	ding 8	3				Loc	ation:			Abo	ve fr	ont doo	r			Supp	olied	from	:		buil	ding 1	3 land	dma	rc DE	31 1L	2	
						CIR	CUIT	DETAI	ILS														Т	EST F	RESULT	DETAIL:	S				
					Conc	luctor o			(S)	Overcur	rent p	rotecti	ve dev	vice		RCD				Con	itinuity	(Ω)		Insul	ation res	sistance		Zs	RC	CD	AFDE
					po			nber size	time 3767										Ring	final c	ircuit	R1- or	†R2			व					ton
Circuit number		Circuit description		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)	rn (neutral)	r2 (cpc)	R1+R2	R <sub>2</sub>	Test voltage (V)	Live - Live (MΩ)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
11																															
12																															
																	_											2 041			
TYP	S FOR E OF RING	A Thermoplastic insulated/sheathed cables	Thermon cables metallic	s in			C ermopl cables etallic	in	it	Thermopla cables metallic tru	in		C	E ermopla cables in etallic tr	า		moplas /A cable			G ermose WA cal		in	Mine sulate	eral	es		(	0 - 0th N/A			

	DISTRIBUTION BOARD  DB reference:  Stribution circuit OCPD: RS (FN)		DETA	ILS																										
DB r	reference:	E	Building	9				Lo	cation:									Sup	plied	from	:		Build	ding 1	3 lan	dma	rc DE	31 1L	.3	
Distrib	oution circuit OCPD:	BS (EN):			U	nide	ntifia	able				Туре	:		Rati	ng/S	ettir	ng:	60	Α		No	of p	hases		1				
SPD D	Details: Types:	T1 N/A	T2	N/A	٠ -	Т3	N/A	N	I/A 🗸					indicator on ality indicator					N/	Α										
	mation of supply po		/						e sequenc			N/A	nctioi	iaiity iriuit	ator	pres	sent <sub>.</sub>	)			7c a	t DB:	(	).35 <u>c</u>	)	,	pf at	DR:	0.6	5 <b>9</b> kA
								-		.e 		1 1 / / \														'	ргас	<i></i>	0.0	) / KA
	SCHEDULE OF (	JIRCUIT	DETA	ILS		RCUIT			ULIS													т	FST D	ESULT	DETAIL	S				
				Con	ductor		DEIN	(S)	Overcur	rent p	rotect	ive de	vice		RCD				Cor	ntinuity	y (Ω)	<u> </u>		ation res			Zs	R	CD	AFDD
				р			mber d size	time 7671										Ring	j final d	ircuit	R1 or	+R2								E O
Circuit number	Circuit desc	cription	Type of wiring	Reference method	Number of points served		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 (MΩ)	Live - Earth (Μα)	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1																														
2																														
3																														
4																														
5																														
6	Hand Dryer		С	В	2	2.5	1.5	0.4	61009	В	16	6	2.73	61009-B	AC	30	16	-	-	-	0.12	N/A	500	>200	>200	~	0.57	19.6	~	N/A
7	Toilet heater		С	В	1	2.5	1.5	0.4	61009	В	16	6	2.73	61009-B	AC	30	16	-	-	-	0.03	N/A	500	>200	>200	~	0.46	20.0	~	N/A
8																														
TYF	ES FOR Thermoplas PE OF insulated/she RING cables	athed o	B ermoplasti cables in allic condu			C ermop cables netallic	in	uit	D Thermopl cables metallic tru	in			E ermopla cables etallic t			F moplas A cabl			G ermose SWA ca		in	H Mine nsulatee	eral	s		(	0 - Oth <b>N</b> /A			
Deta	DETAILS OF TE ails of test instrumer		rial and	or as	sset n	umbe	ers):																							
	functional: electrode resistance	:	8	0911	<b>ბ</b> ნ				nsulation arth fault				nce:								Co RC	ntinu D:	ity:							
Nam	TESTED BY ne: John	ı Bramwell			Positi	on:			Elect	ricia	an			Signa	iture	:				V					Dat	e:	15	5/11/	'202	3
														_						~										

DISTRIBUTION BOARD DB reference:				ARD D	ETA	LS																										
DB r	reference:		Buil	lding 1	11				Loc	cation:			Ва	ack o	f room				Supp	olied 1	from	:										
Distrib	oution circuit	OCPD:	BS	(EN):			Uı	nidei	ntifia	able			-	Туре	: L	.IM	Rati	ng/S	ettir	ng:	63	Α		No	o of p	hases	:	1				
SPD D	etails: Type	s:	T1	N/A	T2	N/A		Г3	N/A	N	/A <b>/</b>					indicator c					N/A	Α										
				~								•		N/A	nctioi	nality indic	ator	pres	sent)	)			70.0	+ DD.	(	0.06	,		pf at I	DD.	0.4	12 kA
											sequence	e 	'	N/A									ZS a	t DB:		2 00.0	2	'	JI at 1	DB:	0.4	-S KA
	SCHEDULE	OF (	CIRC	CUIT D	ETA	LS					ULTS																					
						Conc	CIR ductor o		DETA	(S)	Overcurr	ant n	rotecti	ive de	vice		RCD				Con	tinuity	, (O)			ation res	DETAIL	S	Zs	Di.	CD	AFDD
							lactor (	Nur	mber		Overcuit	ciii p	Totecti	lve de	Vice		KOB			Ring	final ci			+R2	modit	111011110	Janee		23			
Jec	Cir	cuit desc	cription		DC DC	ethod	р	_	size	ect til					(g)			ting					OI	K2	3	Ma)	(MΩ)	0	র	5	8	butto ck)
Circuit number	rmation of supply polarity			of wiring	Reference method	Number of points served	nm²)	ım2)	Max disconnect time permitted by BS7671	9		3	Breaking capacity (kA)	um ted Zs	9		Rated operating current (mA)	8	(m)	utral)	·			Test voltage (V)	- Live (MΩ)	Live - Earth (M $_{ m \Omega}$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)	
ircuit	Details: Types: T1 N irmation of supply polarity  SCHEDULE OF CIRCU  Circuit description  Sockets  Fire Alarm				Type o	efere	Jumbe	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	lax di ermit	BS (EN)	Туре	Rating (A)	reaki apaci	Maximum permitted	BS (EN)	Type	ated	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	estvo	Live -	- <u>   </u>	olarit	Naxim	ime (r	est bi	lanua perat
1						LE	20			20	ш		LE.	шо	20	ш		LE 0	LE.				LE.	LE.				а.	2 5	U +	F 0	20
2																																
3	Sockets				С	В	4	4	1.5	0.4	61009	В	20	6	2.19	61009-B	AC	30	20	_	-	_	0.44	N/A	500	>200	>200	~	0.54	8.0	~	N/A
3																																
4																																
 5																																
6																																
7	Fire Alarm				С	В	1	1.5	1.0	0.4	60898	В	6	10	7.28	_	<u> </u>	_	_		_	_	0.87	N/A	_	_	_	_	0.92		_	_
9	THETHATTI						<u> </u>	1.0	1.0	0.1	00070			10	7.20								0.07	14//1					0.72			
10																																
10																																
CODE	S FOR Th	A ermopla:	stic	Therm	B noplastic		Th	C	lastic		D Thermopla	estic		The	E ermopl	astic		F			G			H				(	O - Oth	ier		
TYP		ated/she cables		cab	les in c condui			cables		it	cables i metallic tru	n			cables			noplas A cable			ermose WA cal		in	Mine nsulated		s			N/A	1		
	DETAILS C	NSTRU	JMEI	NTS																												
	ails of test ins	trumei	nts us	ed (seria				umbe	ers):																							
	functional:				80	)9118	36				nsulation													ntinu	ity:							
Earth	electrode resi	stance	): 							E	arth fault	loop	imp	edar	nce:								RC	D:								
	TESTED BY																															
Nam	ne:	Johr	n Brar	nwell		F	Positi	on:			Elect	ricia	n			Signa	ture	:				D					Dat	e:	15	/11/	202	3

S	CHED	JLE OF CIRC	UIT DE	TAI	LS	ANE	) TE	ST	RES	ULTS																					
DB r	eference	:	Build	ing 1	1				Loc	ation:			Ва	ick of	room				Supp	olied	from	:									
						CIR	CUIT	DETAI	ILS														7	EST F	RESULT	DETAIL	S				
					Cond	luctor o			(s)	Overcurr	ent p	rotecti	ve dev	vice		RCI	D			Con	itinuity	(Ω)		Insul	ation res	sistance		Zs	RC	D	AFDE
					po		Nur and	nber size	time 37671										Ring	final c	ircuit	R1 or	桴			র					ton
Circuit number		Circuit description		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)	Type	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (MΩ)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
11																															
TYP	S FOR E OF RING	A Thermoplastic insulated/sheathed cables	Thermop cables metallic o	olastic s in			C ermopl cables etallic	in	it	Thermopla cables i metallic tru	n		(	E ermopla cables in etallic tr	า	The	F ermoplas WA cable	stic es	The	G ermose WA cal	tting bles	in	H Min Isulate		es			0 - 0th N/A			

DISTRIBUTION BOAR  DB reference:			RD DE	TAI	LS																										
DB r	eference:		Build	ding 1	0				Loc	cation:				Kito	hen				Sup	plied	from	1:		Build	ding 1	3 Iano	dma	rc DE	31 3L	.3	
Distrib	ution circuit OCPD:	BS (EN	N):			Ur	nider	ntifia	able			-	Турє	e:	IM	Rati	ng/S	Settii	ng:	80	Α		No	of p	hases		1				
SPD D	etails: Types:	T1 N	/A	T2	N/A		T3	N/A	N	I/A 🗸					indicator o					N/	Α										
				-											nality indic	ator	pre	sent	)			7	+ DD.	,	1246				DD.	0.7	11 LA
	mation of supply pol		<b>V</b>							sequenc	e 	'	N/A									zs a	t DB:		0.34 £	2	- 1	рг ат ———	DB:	0.7	KA
S	CHEDULE OF C	CIRCUI	T DE	TAI	LS					ULTS																	_				
					Conc	CIR luctor o	CUIT	DETAI		Overeur	cont n	rotost	ivo de	u doo		RCD				Con	ntinuity	, (0)	T		ESULT ation res	DETAIL	S	Zs	D	CD	AFDD
						luctor c	Nur	nber	ne 571 (s)	Overcuri	ent p	rotect	lve de	vice		RCD			Pinc	final c			+R2	IIISUI	ation res	istance		ZS	K		
ē	Circuit door	winting		D	ethod	_		size	ect tir BS76					G			ing		King	, iiiai c	IIcuit	or	R2	3	(a)	(MR)			_	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	outtor (K)
Circuit number	Circuit desc	ription		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	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 $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
1				LE.	20		0	20	ш		LE.	шо	20	ш		IF 0	LE.				LE.	LE.				п.	25		F 0	20	
2	Water heater		А	Α	1	2.5	1.5	0.4	60898	В	20	6	2.19	61009-A	AC	30	63				0.28	N/A	500	>200	>200	~	0.65	29.0	~	N/A	
3																															
4																															
5	Mess heaters			С	В	2	2.5	1.5	0.4	60898	В	20	6	2.19	61009-A	AC	30	63				0.32	N/A	500	>200	>200	~	0.66	29.0	~	N/A
6																															
7																															
8																															
9																															
10																															
TYP	S FOR Thermoplas E OF insulated/shea RI NG cables	athed	Thermo cable metallic	plastic es in			C ermopl cables etallic	in	it	Thermopla cables i metallic tru	in			E ermop cables etallic			F mopla: A cabl			G ermose SWA cal		in	Mine nsulatee	eral	es .		(	0 - 0th			
	DETAILS OF TE																														
	ills of test instrumer	nts used	(serial				umbe	ers):																							
	unctional: electrode resistance			80	9118	30				nsulation arth fault				nce:								RC	ntinu D:	ity:							
										- I Gart																					
Nam	ESTED BY  John	Bramw	ell		F	Positio	on:			Elect	ricia	n			Signa	iture	:				V					Date	e:	15	5/11/	'202:	3
																												_	-		

1	DISTRIBUTIO	N BO	ARD D	ETAI	LS																											
DB reference: Bunga					DB				Loc	cation:			Next	to fr	ont door	rook			Supp	olied	from	NV										
Distribution circuit OCPD: BS (EN):							NV				Type: LII				IM	Rati	ng/S	ettir	ng:	: NV A			No of phases				: 1					
SPD Details: Types: T1 N/A			T2	2 N/A T3 N/A N/A 🗸								Status indicator checked (whe								Α												
Confirmation of supply polarity									e sequenc	functionality indicator present)  N/A							)	N/A Zs at DB: 0					).19 ኗ	,	DD.	1.26 kA						
											<del></del>	'	IN/A									25 a	l DB.		J. 17 S	2		pf at I	<u></u> ББ.	1.2	.0 KA	
	SCHEDULE OF	CIRC	טווט:	LIAI	LS					ULIS														TCT D	CCUI T	DETAIL	<u> </u>					
					Cond		CIRCUIT DETAIL tor details			(g) Overcurrer			ive dev	rice		RCD				Con	tinuity	TEST RESU (Ω) Insulation					.5	Zs	Z <sub>S</sub> R		CD AFDE	
					р	Numbe and size													Ring	Ring final circuit			 +R2								E	
per	Circuit description			l Bu	Reference method	٥		3120	nect ti				7	Zs (a)			ating (							3	(MΩ)	(MD)	⊋	(a	no	tick)	butto tick)	
t num	₩nu :			of wiring	ence r	Number of points served	mm <sup>2</sup> )	nm <sup>2</sup> )	lisconi tted b	ĝ		(A)	ing ity (kA)	num itted	2		oper oper	(A) (E	) je	eutral)	ତ	7		Test voltage (V)	- Live (Ma)	- Earth (ΜΩ)	ty (tic	ured (	Disconnection time (ms)	utton tion (	al test tion (	
Circuit number				Type	Refere	Numb	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	Max disconnect time permitted by BS7671	BS (EN)	Туре	Rating (A)	Breaking capacity (	Maximum permitted	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test v	Live -	Live -	Polarity (tick)	Maximum measured (Ω)	Discol time (	Test button operation (tick)	Manual test button operation (tick)	
1	Shower			Α	100	1	10	6	0.4	60898	В	40	6	1.09	61009-A	AC		63	-	-	-			500	>200	>200	~			~	-	
2																																
3																																
4																																
5																																
6	Fire Alarm			С	В	1	1.5	1.0	0.4	60898	В	6	6	7.28	61009-A	AC	30	63	-	-	-	0.01	N/A	500	>200	>200	~	0.35	>40	~	-	
7																																
8																																
9																																
10																																
CODES FOR Thermoplastic Thermoplastic TYPE OF insulated/sheathed cable metallic or metalli			Therm	oplastic						D Thermopla				E rmopla		Therr	F noplas	stic	The	G ermose	ttina		Mine			O - Other						
				it		cables etallic		cables in uit metallic trunk						"	Thermoplastic /SWA cables				WA cal		ir	sulated		s			N/A	\ 				
	DETAILS OF T																															
	ails of test instrum	ents us	ed (seria		or as: ) <b>911</b> 8		umbe	ers):	l r	nsulation	racio	stanc	٠۵٠									Co	ntinui	itv.								
Multi-functional: Earth electrode resistance:			00	,,,,,	50				arth fault																							
													- Juli																			
	TESTED BY			Positio	an:			Floct	ricia	n			Signa	turo					N					Dat	2.	15	/11/	'202'	2			
Name: John Bramwell					-	USILI	JI 1.			Electrician						ture	•				V					Date: 15/11/2023						

	DISTRIBUTION	I BOA	RD DE	ΕΤΑΙ	LS																											
DB reference: Main b					g DB				Lo	cation:		M	ains	intak	e cupbo	upboard				olied	from	:				Mai	ns					
Distribution circuit OCPD: BS (EN):							L	IM				Туре:	L	IM	Rating/Settir				: LIM A			No	of pl	hases	:	3						
SPD Details: Types: T1 N/A			T2	N/A	. 7	Г3	N/A	N	I/A 🗸						ator checked (whe				N/A													
Confir	mation of supply po	larity			Confirmation of				ohase	e segueno	:e	✓						30111,	,			7s a	t DB:	C	).12 <u>s</u>	2	lpf at DB:			2 03 kA		
	SCHEDULE OF			TAL																												
	SCHEDULE OF	CIRCU	יט ווע	_ I AI	LJ		CUIT			ULIS													т	EST R	ESULT	DETAILS	S					
			Cond	Conductor details				© Overcurrent			ive dev	vice		RCD			Continuity						ition res	sistance		Zs	R	CD	AFDD			
					po			mber I size	time 7671										Ring	Ring final circuit			R1+R2 or R2								ro	
Circuit number	Circuit description			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 (MΩ)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)	
1 L1																								500		> 200						
1 L2																								500		> 200						
1 L3																								500		> 200						
2 L1																								500		> 200						
2 L2																								500		> 200						
2 L3																								500		> 200						
3 L1																								500		> 200						
3 L2	Sockets toilet lobby			А	100	1	2.5	1.5	0.4	61009	С	16	10	1.37	61009-C	AC	30	16	-	-	-	0.75	N/A	500	>200	> 200	~	0.93	29.2	~	-	
3 L3																								500		> 200						
4 L1																								500		> 200						
	^		E	2			С			D							F											) - Oth	or			
CODES FOR Thermoplastic TYPE OF insulated/sheathed WIRING cables			Thermo cable metallic	oplastic es in			ermopl cables etallic	in	it	Thermople cables metallic true	in		(	ermopla cables i etallic tr		ic Thermoplastic			G Thermosetting /SWA cables			H  Mineral insulated cables			s							
	DETAILS OF TE					sot n	umbe	rc).																								
Details of test instruments used (serial Multi-functional:				or as: 19118		umbe	zi 5).	li	nsulation	resis	stanc	e:									Co	ntinui	ty:									
Earth electrode resistance:									E	arth fault	loop	o imp	oedar	ice:					RCD:					,								
	TESTED BY																															
Name: John Bramwell				F	Positi	on:			Elect	ricia	an			Signa	Signature:					V					Date	<b>:</b>	15/11/2023					

#### SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Main building DB Mains intake cupboard Mains Supplied from: DB reference: Location: CIRCUIT DETAILS TEST RESULT DETAILS Conductor details Overcurrent protective device RCD Continuity ( $\Omega$ ) Insulation resistance $Z_S$ RCD AFDD ect time BS7671 R1+R2 Ring final circuit Reference method and size Rated operating current (mA) Live - Earth (Mα) g Test button operation (tick) voltage (V) Maximum measured (Ω) Number of points served Max disconnec permitted by B Disconnection time (ms) Type of wiring Circuit description Polarity (tick) r<sub>n</sub> (neutral) (mm<sup>2</sup>) Live (mm<sup>2</sup>) 3 Rating (A) (EN) r<sub>1</sub> (line) r<sub>2</sub> (cpc) Rating Circuit Test 4 L2 500 > 200 4 L3 500 > 200 Kitchen isolator L3 В В 6 0.4 60898 С 32 10 0.68 N/A 500 >200 > 200 0.18 5 TP 1 6 Kitchen isolator L2 В В 6 0.4 60898 С 32 10 0.68 N/A 500 >200 > 200 ~ 0.21 6 TP 1 6 7 TP Kitchen isolator R3 В В 6 0.4 60898 С 32 10 0.68 N/A 500 >200 > 200 0.20 1 6 500 > 200 8 L1 8 L2 500 > 200 8 L3 500 > 200 9 L1 > 200 500 9 L2 500 > 200 9 L3 Female hand dryer Α 100 2.5 | 1.5 | 0.4 61009 С 20 | 10 | 1.09 | 61009-C | AC | 30 | 20 0.49 N/A 500 >200 > 200 ~ 0.67 29.2 N/A 1 Male hand dryer Α 100 2.5 | 1.5 | 0.4 61009 С 20 10 | 1.09 | 61009-C | AC | 30 | 20 0.73 N/A 500 >200 > 200 ~ 0.83 29.6 10 L1 1 10 L2 500 > 200 10 L3 | Fire Alarm 2.5 | 1.5 | 0.4 60898 С 16 | 10 | 1.37 0.17 N/A 500 >200 > 200 🗸 0.32 Α Α 1 11 L1 500 > 200 11 L2 500 > 200 11 L3 500 > 200 12 L1 500 > 200 12 L2 500 > 200 12 L3 500 > 200 O - Other В CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosettina Mineral TYPE OF cables in N/A insulated/sheathed cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

#### SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Main building DB Mains intake cupboard Mains Supplied from: DB reference: Location: CIRCUIT DETAILS TEST RESULT DETAILS Conductor details Overcurrent protective device RCD Continuity $(\Omega)$ Insulation resistance $Z_S$ RCD AFDD Max disconnect time permitted by BS7671 R1+R2 Manual test button operation (tick) Ring final circuit and size Reference method Rated operating current (mA) Live - Earth (Ma) Test button operation (tick) Maximum permitted Zs (Ω) Test voltage (V) - Live (M $\Omega$ ) Maximum measured (Ω) Number of points served Disconnection time (ms) Type of wiring Circuit description Polarity (tick) Live (mm<sup>2</sup>)cpc (mm<sup>2</sup>) r<sub>n</sub> (neutral) Rating (A) Rating (A) BS (EN) r<sub>1</sub> (line) r<sub>2</sub> (cpc) Circuit r R1+R2 Type 13 L1 500 > 200 13 L2 500 > 200 13 L3 500 > 200 > 200 14 L1 500 14 L2 500 > 200 14 L3 500 > 200 > 200 15 L1 500 15 L2 > 200 500 15 L3 500 > 200 > 200 16 L1 500 16 L2 500 > 200 16 L3 500 > 200 O - Other В D G CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed N/A cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

### 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.