ELECTRICAL INSTALLATION CONDITION REPORT

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Report Reference: WCC-0085S

1 DETAILS OF THE PERSON ORDERING THE REPORT

Client: London Borough Of Barking And Dagenham Council

Address: Civic Centre, Rainham Road North, Dagenham, RM10 7BN

2 REASON FOR PRODUCING THIS REPORT

Reason for producing this report:

Landlords safety report.

Date(s) on which inspection and testing was carried out:

03/05/2022

2	DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF	THIS REPORT
	DETAILS OF THE INSTALLATION WINSTING THE SUBSECT OF	

Installation Address: Highview House, Dagenham, Romford, RM6 5NS

Description of premises: Domestic N/A Commercial V Industrial N/A Other:

N/A

Estimated age of wiring system: 25 years Evidence of additions/

D ()

Date of last inspection: N/A

Yes if yes, estimated age:

N/A

5

years

EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

Landlords intakes, communal areas.

Installation records available? (Regulation 651.1)

Agreed limitations including the reasons (see Regulation 653.2):

N/A

Agreed with: Client.

Operational limitations 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 2020.

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.

5 SUMMARY OF THE CONDITION OF THE INSTALLATION

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.

RECOMMENDATIONS

Where 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	ODSEDVATIONS A	ND RECOMMENDATION	IS FOR ACTIONS TO	DETAVEN
	UDSERVATIONS A	ND RECUMINENDATION	NO FUR ACTIONO TO I	DE IANEN

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

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✓ The following observations and recommendations are made

	Observations	Classification Code
1	DB1 circuit 4 intake socket doubled up with bin shoot spur.	C3
2	Fuse carrier missing from suppliers sub main in main intake on ground floor. See image 001.	N/A
3	Concierge DB2 water heater toilet circuit doubled up with double socket in office.	C3
4	Roof tank room, various holes in trunking and trunking lid missing in areas. Poor installation of some cables causing trunking lid to not fit correctly.	C2
5	Roof tank room DB showing signs of age recommend upgrading.	C3
6	Both RCD Sockets in lift motor rooms are faulty and need replacing.	C3
7	Both RCD Sockets in boiler room are faulty, recommend upgrading.	C3
8	5.5 Condition of enclosure(s) in terms of IP rating etc (416.2) is in a potentially dangerous condition. Urgent remedial action is required.	C2
9	5.7 Enclosure not damaged/deteriorated so as to impair safety (651.2) is in a potentially dangerous condition. Urgent remedial action is required.	C2
10	5.16 Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) is recommended for improvement.	C3
11	7.17 Condition of accessories including socket-outlets, switches and joint boxes (651.2) is recommended for improvement.	C3

One of the following codes, as appropriate	e, has been allocated t	o each of the observations	made above to indicate to the	person(s)
responsible for the installation the degree	of urgency for remedia	al action.		

C1	Danger Present Risk of injury. Immediate
	Risk of injury. Immediate
	remedial action required

C2	Potentially dangerous Urgent remedial action
	Urgent remedial action
	required

C3	Improvement recommended
	recommended

FI	Further investigation
	required without delay

Immediate remedial action required for items: N/A

Urgent remedial action required for items: 4, 8, 9

Improvement recommended for items: 1, 3, 5, 6, 7, 10, 11

Further investigation required for items: N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

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8 GENERAL CONDITION OF THE INSTALLATION ' General condition of the installation (in terms of electrical safety):

General condition okay some equipment showing signs of age,DB1 & roof tank room DB needs upgrading other DBs okay, wiring okay, earthing okay, some accessories showing signs of age.All C2s now rectified, left on cert for future reference.

DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section 4 of this report.

Trading Title: Oakray Limited Address: Glasgow Stud Registration Number 014509 Burnt Farm Ride (if applicable): Enfield Telephone Number: 020 8370 4500 Postcode: EN2 9DY For the INSPECTION, TESTING AND ASSESSMENT of the report: Name: Position: Signature: Date: 03/05/2022 Reece Cheasman Electrician M. Cherry Report reviewed and authorised for issue by: Name: Simon Pye Position: **Qualified Supervisor** Signature: Date: 03/05/2022

10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements		, Numb	er and	Type of Live	Conduc	tors		Nature of Supply Parameters			Supply Protective Device			
		4 =====	ac:	~		dc:	N/A	Nominal	400 \/ 115	400 V	I I DC/END.	00.0	I	IDC
TN-S		1-phase (2 wire):	N/A	1-phase (3 wire):	N/A	2 pole:	N/A	voltage(s):	400 V Uo:	400 V	BS(EN):	88-2	ruse r	TRU
TN-C-S	N/A	2-phase (3 wire):	N/A	(5 WIIE).		3 pole:	N/A	Nominal frequency, f:		50 Hz	Type:		gG	
TNC	N/A	3-phase (3 wire):	N/A	3-phase (4 wire):	~	Other:	N/A	Prospective current, lpf:	3.5 kA	Rated cu	rrent:	200	Α	
TT	N/A	Other:	(3 wile). (4 wile).					External ear loop impeda	rth fault ance, Ze:	0.07 Ω	Short-cird capacity:	uit	80	kA
IT	N/A	Confirmation of supply polarity:						Number of s	supplies:	1	 			

11 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing				Details of Installation Earth Electrode (where applicable)							
Distributor's facility:	V	Type:		N/A	Location:						
Installation earth electrode:	N/A Resistance to Earth:		N/A	Ω Method of measurement:		: N/A					
Maximum Demand (Load): LIM				Protective measure(s) against electric shock:			ADS				
Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type					Supply		If RCD main switch:				

		,			(1)				
	/ Switch-Fuse / C	ircuit-Breaker / RCD			Supply		If RCD main switch:		
Type BS(EN):	60947-2 M	CCB Current rat	ting: 250) A	conductors	Copper	Rated residual operating current (l∆n):	N/A m	
Number of poles:	3	Fuse/deviction or setting:	ce rating N/A	A A	material: Supply		Rated time delay:	N/A m	
		Voltage ra	ting: 400) V	conductors csa:	25 mm ²	Measured operating time (at I∆n):	N/A m	
Earthing and	Protective Bond	ing Conductors		•	of extraneous-con	•			

voltage rating.				400	V	csa:		time (at	l∆n):	IN/A IIIS	
Earthing and P	rotective Bonding Co	nductor	 'S				Bonding of extraneous-conductive parts				
Earthing conductor					Connection/			iter installation	V	To gas installation	/
Conductor	Mechanically	csa:	N/A	mm ²	continuity	1	pipes:			pipes: To lightning	
material:	earthe				verified:			installation	N/A	protection:	N/A
Main protective bonding conductors				Connection/		pipes:			To other service(s	s):	
Conductor material:	Copper	csa:	16	mm ²	continuity verified:	/	To stro	uctural	N/A	N/A	

12 IN	SPECTION SCHEDULE		
Item	Description	Comment	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTIO	N ONLY)	
1.1	Service cable	N/A	Pass
1.2	Service head	N/A	Pass
1.3	Earthing arrangements	N/A	Pass
1.4	Meter tails	N/A	Pass
1.5	Metering equipment	N/A	Pass
1.6	Isolator (where present)	N/A	Pass
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SV	VITCHED ALTERNATIVE SOURCES	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	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)	N/A	Pass
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	Pass
3.1.3	Adequacy of earthing conductor connections (542.3.2)	N/A	Pass
3.1.4	Accessibility of earthing conductor connections (543.3.2)	N/A	Pass
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)	N/A	Pass
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	Pass
3.1.7	Accessibility of all protective bonding connections (543.3.2)	N/A	Pass
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	Pass
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	Pass
4.0	OTHER METHODS OF PROTECTION (where any of the methods listed provided on separate sheets)	below are employed details should	be
4.1	Non-conducting location (418.1)	N/A	Pass
4.2	Earth-free local equipotential bonding (418.2)	N/A	Pass
4.3	Electrical separation (Section 413; 418.3)	N/A	N/A
4.4	Double insulation (Section 412)	N/A	Pass
4.5	Reinforced insulation (Section 412)	N/A	Pass
5.0	DISTRIBUTION EQUIPMENT		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	Pass
5.2	Security of fixing (134.1.1)	N/A	Pass
5.3	Condition of insulation of live parts (416.1)	N/A	Pass
5.4	Adequacy/security of barriers (416.2)	N/A Large holes in some of the	Pass
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	distribution equipment in ground floor	C2
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	N/A Landlords DB1 + Roof tank room	Pass
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	DBs showing signs of age and in poor condition, recommend	C2
5.8	Presence and effectiveness of obstacles (417.2)	N/A	Pass
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	N/A	Pass
OUTCOM		No.	
Accepta		verified N/V Limitation Lim applic	ot N/A

13 IN	SPECTION SCHEDULE (CONTINUED)		
Item	Description	Comment	Outcome
5.10	Operation of main switch(es) (functional check) (643.10)	N/A	Pass
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	Pass
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	N/A	Pass
5.13	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A	N/A
5.14	RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1)	N/A	Pass
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	N/A	Pass
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	Some diagrams, charts and schedules missing from distribution	C3
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	N/A	Pass
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	N/A	Pass
5.19	Presence of next inspection recommendation label (514.12.1)	N/A	Pass
5.20	Presence of other required labelling (please specify) (Section 514)	N/A	Pass
5.21	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)	N/A	Pass
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	Pass
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	N/A	Pass
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A	Pass
6.0	DISTRIBUTION CIRCUITS		
6.1	Identification of conductors (514.3.1)	N/A	Pass
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	LIM
6.3	Condition of insulation of live parts (416.1)	N/A	Pass
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	Pass
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	Pass
6.6	Cables correctly terminated in enclosures (Section 526)	N/A	Pass
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	N/A	Pass
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	N/A	Pass
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	Pass
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	Pass
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass
OUTCOM			
Accepta condition			lot icable N/A

14 IN	SPECTION SCHEDULE (CONTINUED)		
Item	Description	Comment	Outcome
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	N/A	Pass
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	N/A	Pass
6.15	Cables concealed under floors, above ceilings, in walls/partitions less containing metal parts:	than 50mm from a surface, and in p	artitions
6.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	N/A	N/V
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)	N/A	Pass
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	Pass
6.17	Band II cables segregated/separated from Band I cables (528.1)	N/A	Pass
6.18	Cables segregated/separated from non-electrical services (528.3)	N/A	Pass
6.19	Condition of circuit accessories (651.2)	N/A	Pass
6.20	Suitability of circuit accessories for external influences (512.2)	N/A	Pass
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	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)	N/A	Pass
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	N/A	Pass
6.24	General condition of wiring systems (651.2)	N/A	Pass
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	Pass
7.0	FINAL CIRCUITS		
7.1	Identification of conductors (514.3.1)	N/A	Pass
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	Pass
7.3	Condition of insulation of live parts (416.1)	N/A	Pass
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	Pass
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	Pass
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	Pass
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	Pass
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	Pass
7.11	Cables concealed under floors, above ceilings, in walls/partitions, ade 522.6.202; 522.6.203; 522.6.204):	equately protected against damage (522.6.201;
7.11.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)	N/A	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)	N/A	Pass
OUTCOM	,		
Accepta condition	ble PASS Unacceptable C1 or C2 Improvement C3 Further FI		ot N/A

J IN	SPECTION SCHEDULE (CONTINUED)		
Item	Description	Comment	Outcom
7.12	Provision of additional protection by 30mA RCD:		
7.12.1	For all socket-outlets of rating 32A or less unless exempt (411.3.3) *	N/A	Pass
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	N/A	Pass
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *	N/A	N/V
'.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *	N/A	N/V
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *	N/A	Pass
	* Note: Older installations designed prior to BS 7671:2018 may not have be	en provided with RCDs for additional p	protection
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	N/A
7.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	N/A
7.15	Cables segregated/separated from non-electrical services (528.3)	N/A	N/A
7.16	Termination of cables at enclosures – identify/record numbers and loc	cations of items inspected (Section	526):
7.16.1	Connections under no undue strain (526.6)	N/A	Pass
7.16.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	Pass
7.16.3	Connections of live conductors adequately enclosed (526.5)	N/A	Pass
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	Pass
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	Some Equipment and accessories showing signs of age recommend	C3
7.18	Suitability of accessories for external influences (512.2)	N/A	Pass
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	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)	N/A	Pass
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	N/A	Pass
8.1.3	Capable of being secured in the OFF position (462.3)	N/A	Pass
8.1.4	Correct operation verified (643.10)	N/A	Pass
8.1.5	Clearly identified by position and/or durable marking (537.2.6)	N/A	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)	N/A	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)	N/A	Pass
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	N/A	Pass
8.2.3	Capable of being secured in the OFF position (462.3)	N/A	Pass
8.2.4	Correct operation verified (643.10)	N/A	Pass
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	N/A	Pass
UTCON	MES		
ccepta	ble PASS Unacceptable C1 or C2 Improvement C3 Further FI	Not N/V Limitation LIM	Not N

	SPECTION SCHEDULE (CONTINUED)			
Item	Description	Comment	Outco	ome
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)	N/A	Pas	38
8.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A	Pas	38
8.3.3	Correct operation verified (643.10)	N/A	Pas	38
8.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	N/A	Pas	SS
8.4	Functional switching (Section 463; 537.3.1):			
3.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	N/A	Pas	SS
3.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	N/A	Pas	SS
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		<u> </u>	
9.1	Condition of equipment in terms of IP rating etc (416.2)	N/A	Pas	SS
9.2	Equipment does not constitute a fire hazard (Section 421)	N/A	Pas	SS
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	N/A	Pas	38
9.4	Suitability for the environment and external influences (512.2)	N/A	Pas	SS
9.5	Security of fixing (134.1.1)	N/A	Pas	SS
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)	N/A	Pas	38
9.7	Recessed luminaires (downlighters):		<u> </u>	
9.7.1	Correct type of lamps fitted (559.3.1)	N/A	N/A	A
9.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2)	N/A	N/A	4
9.7.3	No signs of overheating to surrounding building fabric (559.4.1)	N/A	N/A	Ą
9.7.4	No signs of overheating to conductors/terminations (526.1)	N/A	N/A	A
10.0	LOCATION(S) CONTAINING A BATH OR SHOWER		<u>'</u>	
10.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	N/A	4
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A	N/A	4
10.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	N/A	4
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)		N/A	4
10.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A	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	N/A	
10.8 11.0	Suitability of current-using equipment for particular position within the location (701.55) OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	N/A	N/A	٦
11.0	List all other special installation or locations present, if any. (Record separate	tely the results of particular inspe	ections applie	d.
11.1	N/A	N/A	N/A	A
11.2	N/A	N/A	N/A	A
11.3	N/A	N/A	N/A	A
UTCOI				
ccepta	able PASS Unacceptable C1 or C2 Improvement C3 Further FI	Not N/V Limitation LIM	Not	N/
conditi	on PASS condition CTOTO2 recommended CS investigation FI	verified N/V Limitation Livi	applicable	. 4/

17 /\$	CHEDULE OF CIRCU	T DETAILS	AND	TES	T RI	ESU	LTS																				
Dist	ribution board designation	:		L	andl	ords	s D.E	3.1				Lo	ocatio	n:			Gro	ound f	loor ir	ntake							
				g		cond	cuit uctors: sa	t time S7671	Overcur	rent pr		ve .	RCD	57671	(Circuit imp	edance	`			nsulation esistance			measured t loop e Zs	RC	D A	FDD
Circuit number and phase	Circuit designati	on	Type of wiring	Reference Method	Number of points served	Live mm ²	cpc	ω Max disconnect time ρermitted by BS7671	BS(EN)	Type No	> Rating		a Operating ➤ current, I∆n	Maximum Zs Permitted by BS7671	(meas	rn (Neutral)		(one co	rcuits lumn to pleted) R ₂	M Live - Live	M Live - Earth	<test td="" voltage<=""><td></td><td>Maximum mea: Searth fault loop impedance Zs</td><td>B Disconnection stime</td><td>Coperation</td><td>✓ Test button ✓ Operation</td></test>		Maximum mea: Searth fault loop impedance Zs	B Disconnection stime	Coperation	✓ Test button ✓ Operation
1 L1	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 L1	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L1	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 L1	Intake Socket		В	В	2	2.5	Conc	0.4	88-2	gG	20	80	N/A	1.68	N/A	N/A	N/A	0.10	N/A	> 200	> 200	500	~	0.17	N/A	N/A	N/A
1 L2	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 L2	Riser cupboard socket ring		В	В	No	2.5	Conc	0.4	88-2	gG	30	80	N/A	1.07	N/A	N/A	N/A	LIM	N/A	N/A	N/A	N/A	LIM	N/A	N/A	N/A	N/A
3 L2	Tank Room DB1 + DB2		В	В	trace 1	10	Conc	0.4	88-2	gG	30	80	N/A	1.07	N/A	N/A	N/A	0.12	N/A	> 200	> 200	500	~	0.18	N/A	N/A	N/A
4 L2	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1 L3	Spare		N/A N/A N/A N/A				N/A	N/A	N/A	N/A	N/A	N/A	A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 L3	Spare						N/A	N/A	N/A	N/A	N/A	N/A	A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L3	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	A	В			С				D			E				-	I	G		н		I		0 - 01	her		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic conduit	t		nermopli cables netallic	in	<u> </u>	С	ermoplastic cables in allic trunking			ermo _l cable	plastic	g	Thermo /SWA			ermosettin NA cables		Miner insulated				N/A			
	OARD CHARACTERIS																										
<u> </u>	LIES WHEN THE BOARD IS		TED 1						STALLAT		- 6	ı		_					0-	. C C.		1	_1				
	r to this distribution board urrent protective device				in gla	•					of p	nas	es:	3		Nomina				nfirmatio						•	
	distribution circuit:	BS(EN):	88	8-2 F				ype g	gG		ting:			200		Voltage:		00 V	Zs:			07 Ω	lpf		action		kA
RCD		BS(EN):	_			N/A				No	of p	oles	S: 	N/A	۱ ا	Rating:	N/A	\mA	tim	connect e at l∆n:	N/	A ms	tin	sconn ne at 5	ol∆n:	' N/A	ms
	ETAILS OF TEST INS alls of Test Instruments us		l and	or as	set n	umb	ers).																				
<u> </u>	unctional:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	umb		nsula	tion resis	tance	e:					N/A			C	Continuit	y:			N/A						
Earth e	Earth electrode resistance: N/A							Earth 1	fault loop	impe	edan	ce:				N/A			F	RCD:				N/A			
20_1	ESTED BY																										
Nam		on:			E	Electricia	an				Signa	ature:		A	(her				Da	te:	0:	3/05/2	2022				
This for	m is based on the model		endix	6 of E	3S 76	71:2	018.							_			, -	ef: WC		<u> </u>						ge: 9 d	

S	CHEDULE OF	CIRCUIT D	ETAILS A	ND	TES	T RI	ESU	LTS																				
Dist	ribution board de	signation:			L	andl							Lo	catio	n:			Gro	und f	loor in	ıtake							
					-		Cir	cuit uctors:	time 37671	Overcur	rent pr	otectiv	re	RCD	1292		Circuit im				re	nsulation esistance			nred	RC	D A	AFDD
number	Circ	uit designation		viring	Reference Method	of	1 :		sconnect ted by BS	DO/FNI)	9		ity	ting t, l∆n	Maximum Zs Permitted by BS7671	Ring fi (measu	nal circu ured end	its only to end)	All ci (one co be com	rcuits olumn to opleted)	- ive	Earth	oltage	>	um meas ault loop ance Zs	inection	utton	utton
Circuit number and phase				Type of wiring	Reference	Number of points served	mm ²	cuit uctors: sa cpc	ω Max di permit	BS(EN)	Type No	⊳Rating	∑ Capacity	∋ Operating > current, l∆n	റ്റ D permit	r ₁ (Line)	r _n (Neutral)		R ₁ +R ₂	R ₂	M Live - Live	M Live - Earth Ω	<test th="" voltage<=""><th></th><th>Maximum measured Searth fault loop impedance Zs</th><th>a Discor s time</th><th>Test button Operation</th><th>Test button Operation</th></test>		Maximum measured Searth fault loop impedance Zs	a Discor s time	Test button Operation	Test button Operation
4 L3	Spare			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
																												\neg
																										\longrightarrow		
																												-
																												-
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																												\neg
																										\longrightarrow		-
																											-	
	A B C									D			E			F			G		н				0 - Ot	her		
TYP	CODES FOR Thermoplastic Thermoplastic TYPE OF insulated/sheathed cables in WIRING cables metallic conduit					hermopl cables netallic	in			ermoplastic cables in allic trunking		(ermopl cables		9	Thermo /SWA o	plastic		rmosettin VA cables		Miner insulated				N/A			
	rm is based on th			ا بدنام د															f. \\/\	C 008	_					D	0: 10.4	- 4 05



S	CHED	ULE OF CIRCU	IIT DETAILS	AND) TE	ST R	ESU	LTS																				
Distr	ribution	board designation	n:		(Conc	ierg	e DE	31				Lo	catio	n:			Gro	und F	loor I	ntake							
					75		cond	cuit uctors: sa	time 37671	Overcur	rent p		ve	RCD	1292		Circuit imp	edance	es (Ohm	s)		nsulation esistance			ured	RC	D A	AFDD
umber		Circuit designa	tion	iring	Method	t ved			Max disconnect time permitted by BS7671				>	ng I∆n	ım Zs ed by BS	Ring (meas	final circuit ured end t	ts only to end)	1	rcuits lumn to pleted)	e .	- Earth	ltage		im measured ult loop nce Zs	nection	tton	tton
Circuit number and phase				Type of wiring	Reference Method	Number of points served	Live mm ²	cpc mm ²	Max dis permitte	BS(EN)	Type No	> Rating	Ş Capacity	a Operating ➤ current, l∆n	Maximum Zs D permitted by BS7671	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	Ω M D	ω M Ω M	<test td="" voltage<=""><td>∢ Polarity</td><td>Maximum m Searth fault lo impedance 2</td><td>B Disconnection it ime</td><td>▼ Test button Operation</td><td>Test button Operation</td></test>	∢ Polarity	Maximum m Searth fault lo impedance 2	B Disconnection it ime	▼ Test button Operation	Test button Operation
1	Concie	erge DB2		F	С	1	25	25	5	88-2	gG	100			0.42	N/A	N/A	N/A	0.03	N/A	> 200	> 200	500	~	0.16			N/A
																												\dashv
																												_
CODE	e con	A	B			С	la ati a		Th	D		Th	E	laatia		- 1	-		G		Н				0 - Ot	her		
TYP	S FOR E OF RING	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit			hermop cables metallic	in			ermoplastic cables in allic trunking			ermop cables etallic		g	Thermo/SWA	oplastic cables		ermosettin WA cables		Miner insulated				N/A	4		
B	OARE	CHARACTERI	STICS																				-					
		HEN THE BOARD IS		TED	το τι	HE OR	IGIN	OF T	HE IN	ISTALLAT	ΓΙΟΝ																	
		distribution board	is from:				origi	า			No	of p	hase	es:	1					Cor	nfirmatio	n of su	pply po	olarit	y:		V	
		rotective device ution circuit:	BS(EN):	8	8-2 F	use	HRC	: - Ty	уре (gG	Ra	ating:			200		Nominal Voltage:		30 V	Zs:		0.	19 Ω	lpi	f:		1.2	2 kA
RCD			BS(EN):				N/A				No	of p	oles	:	N/A		Rating:		AmA	Dis time	connect e at l∆n:	ion N	'A ms	Di tin	sconn ne at 5	ectior 5l∆n:	N/A	\ ms
Ď	DETAILS OF TEST INSTRUMENTS																											
		est Instruments us	umb																									
	Multi-functional: B040826									ation resis							N/A				ontinuit	y:			N/A			
Earth e	Earth electrode resistance: N/A							E	arth	fault loop	imp	edan	ce:				N/A			R	CD:				N/A			
Í	ESTE	D BY																										
Nam	ne:	Reece Che	easman		Posit	ion:				Electricia	an				Signa	ature:		Ph.	.Cher				Da	te:	03	3/05/2	2022	
This for	m is ba	ased on the model	shown in Appe	endix	6 of	BS 76	71:2	018.										R	ef: WC	C-008	5					Page	e: 12 d	of 35



S	CHEDULE OF CIRCUI	T DETAILS A	AND	TES	TR	ESU	LTS																				
Dist	ribution board designation			(Conc	ierg	e DE	32				Lo	ocatio	n:		Co	ncier	ge are	ea gro	ound flo	or						
				70		condu	cuit uctors:	t time 37671	Overcur	rent p		ve	RCD	BS7671	(Circuit imp	pedance	es (Ohm	s)		nsulation esistance			measured loop s Zs	R	CD	AFDD
Circuit number and phase	Circuit designation	on	wiring	Reference Method	r of erved	Live	срс	Max disconnect ti permitted by BS7	BS(EN)	o _N	D	city	Operating current, l∆n	Maximum Zs permitted by BS		inal circu ured end		(one co	rcuits Jumn to pleted)	- Live	- Earth	voltage	<u>i</u>	num meas fault loop dance Zs	Disconnection time	Test button Operation	Test button Operation
Circuit and ph			Type of	Referer	Number of points serve	mm ²	mm ²	s Max	, ,	Туре	▶ Rating	Ş Capacity	a Oper	^Ω Maxii	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂		ΩMΩ	ΩM ΩM	<test td="" voltage<=""><td></td><td>Maximum m Θ earth fault lo impedance 2</td><td>ms</td><td>~</td><td>Test Oper</td></test>		Maximum m Θ earth fault lo impedance 2	ms	~	Test Oper
1	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Concierge Lights		В	В	7	1.5	1.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	1.07	N/A	> 200	> 200	500	~	1.23	N/A	N/A	N/A
5	Outside Lights		В	В	14	1.5	1.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	1.39	N/A	> 200	> 200	500	~	1.55	N/A	N/A	N/A
6	RCD Module		N/A	N/A	N/A	N/A	N/A	5	61008	N/A	63	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	~	N/A	16	~	N/A
7	Electric Roller Shutters		В	В	1	2.5	2.5	0.4	60898	В	16	10	30	2.73	N/A	N/A	N/A	0.31	N/A	> 200	> 200	500	~	0.47	N/A	N/A	N/A
8	Water Heater Toilet								60898	В	16	10	30	2.73	N/A	N/A	N/A	0.63	N/A	> 200	> 200	500	~	0.79	N/A	N/A	N/A
9	Concierge Ring Main		В	В	12	2.5	2.5	0.4	60898	В	32	10	30	1.37	0.54	0.54	0.48	0.39	N/A	> 200	> 200	500	~	0.55	N/A	N/A	N/A
10	Heater Ring		В	В	1	2.5	2.5	0.4	60898	В	32	10	30	1.37	0.44	0.44	0.41	0.34	N/A	> 200	> 200	500	~	0.50	N/A	N/A	N/A
11	CCTV		В	В	1	2.5	2.5	0.4	60898	В	40	10	30	1.09	N/A	N/A	N/A	0.38	N/A	> 200	> 200	500	~	0.54	N/A	N/A	N/A
	A	В			С				D			Е						G		н				0 - 0	ther		
TYP	S FOR Thermoplastic	Thermoplastic cables in metallic conduit			nermopl cables netallic	in			ermoplastic cables in callic trunking			ermor cables	plastic	g	Thermo			ermosettin NA cables		Miner insulated				N/			
É	OARD CHARACTERIS	STICS																									
	LIES WHEN THE BOARD IS		TED T						ISTALLAT		,									<i>.</i>	,						
	to this distribution board i urrent protective device					ierge			_		of p	nas	es:	1		Nomina	1		Col	nfirmatio				-			
	distribution circuit:	BS(EN): BS(EN):	88	3-2 F	use	HRC		ype (gG	Ra	iting:			100	Α ,	√oltage	: 23	30 V	Zs:		:	16 Ω	lpi		ootio		4 kA
RCD					N/A				No	of p	oles	S:	N/A	\ I	Rating:	N/A	\mA	tim	connect e at l∆n:	N/	'A ms	tin	sconr ne at	iectio 5l∆n:	'' N//	A ms	
	ETAILS OF TEST INS alls of Test Instruments us	set n	umb	ers).																							
_	unctional:	•)4082					nsula	ation resis	stance	e:					N/A			C	Continuit	y:			N/A			
Earth 6	electrode resistance:	N/A				E	arth	fault loop	imp	edan	ce:				N/A			F	RCD:				N/A				
	ESTED BY															· · · · · · · · · · · · · · · · · · ·											
Nam		asman	F	Positi	on:				Electricia	an				Signa	ature:		A.	Cher				Da	te:	0	4/05/	2022	2
	m is based on the model s					371:2	018										/ 0	ef: WC	C-008	<u> </u>							of 35



bution board designation							•																			
battori boara acsignation	n:		L	andl	ords	D.E	3.2				Lo	catio	n:			1	st floo	or inta	ke							
			-		condu		time 37671	Overcur			ve	RCD	37671	C	Circuit imp	edance	es (Ohm	s)		nsulation esistance			sured	R	CD	AFD
Circuit designat	ion	Type of wiring	Reference Method	Number of points served		•	ω Max disconnect permitted by BS	BS(EN)	Type No	> Rating	S Capacity	g Operating ≻ current, l∆n	Maximum Zs	(measi	r _n	r ₂	(one co	lumn to pleted)	M Live - Live	M Live - Earth	<test td="" voltage<=""><td>∢ Polarity</td><td>Maximum meas</td><td>B Disconnection a time</td><td>Test button Operation</td><td>Test button</td></test>	∢ Polarity	Maximum meas	B Disconnection a time	Test button Operation	Test button
Lights 6th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.01	N/A	> 200	> 200	500	~	1.08	N/A	N/A	N/A
Lights 5th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.87	N/A	> 200	> 200	500	~	0.94	N/A	N/A	N/i
Lights 4th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.68	N/A	> 200	> 200	500	~	0.75	N/A	N/A	N/
Lights 3rd		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.42	N/A	> 200	> 200	500	~	0.49	N/A	N/A	N/
Lights 2nd		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.37	N/A	> 200	> 200	500	~	0.44	N/A	N/A	N/
Lights 1st		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.33	N/A	> 200	> 200	500	~	0.40	N/A	N/A	N/
Lights Gnd	9	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.38	N/A	> 200	> 200	500	~	0.45	N/A	N/A	N/A			
Lights Foyer	9	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.42	N/A	> 200	> 200	500	~	0.49	N/A	N/A	N/			
Lights 1/2 evens	3	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.10	N/A	> 200	> 200	500	~	1.17	N/A	N/A	N/			
Lights 1/2 odds		В	В	4	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.98	N/A	> 200	> 200	500	~	1.05	N/A	N/A	N/A
Lights full evens		В	В	3	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.72	N/A	> 200	> 200	500	~	0.79	N/A	N/A	N/A
A	В			С				D			Е			F			G		н				0-0	ther		
FOR Thermoplastic OF insulated/sheathed NG cables	Thermoplastic cables in metallic conduit	t		cables	in		c	ables in		(cables	in	g										N/	A		
		IED	IO IF				HE IN	SIALLAI		of pl	hase	es:	1					Cor	nfirmatic	on of sui	n vlaa	olarit	v:			/
rrent protective device		1	361				vne	2		•			-				80 V						-		3	6 k
distribution circuit:	` '						,,,	_		Ŭ	oles			,	_			Dis	connect	ion N		•		ectio		
ETAILS OF TEST INS					,, .								. ,,,			1 4//	· · · · ·	tirne	e at ı <u>∆</u> n.		7 11110	tir	ne at	oi∆n:	,	
			or as	set n	umbe	ers):																				
nctional:	В	0408	26			lr	nsula	tion resis	tance	e:					N/A			C	Continuit	y:			N/A			
Earth electrode resistance: N/A Earth f											ce:				N/A			R	RCD:				N/A			
ESTED BY																										
Name: Reece Cheasman Position: Electrician													Signa	ture:		M	Cher				Da	te:	0	5/05/	2022	2
	Lights 6th Lights 5th Lights 4th Lights 3rd Lights 2nd Lights 1st Lights Gnd Lights Foyer Lights 1/2 evens Lights 1/2 odds Lights full evens A Thermoplastic insulated/sheathed cables OARD CHARACTERI IES WHEN THE BOARD IS to this distribution board reent protective device distribution circuit: ETAILS OF TEST INSULATIONAL IS IN TEST INSULATIONAL: Lectrode resistance: ESTED BY Reece Che	Lights 5th Lights 4th Lights 3rd Lights 2nd Lights 1st Lights Gnd Lights Foyer Lights 1/2 evens Lights 1/2 odds Lights full evens FOR Thermoplastic cables in metallic conduit metallic	Lights 6th Lights 5th Lights 3rd Lights 2nd Lights 1st Lights Foyer Lights 1/2 evens Lights 1/2 evens Lights 1/2 odds Lights full evens B FOR Thermoplastic insulated/sheathed cables in metallic conduit DARD CHARACTERISTICS IES WHEN THE BOARD IS NOT CONNECTED to this distribution board is from: Trent protective device distribution circuit: BS(EN): ETAILS OF TEST INSTRUMENTS Is of Test Instruments used (state serial and nctional: BO408 ESTED BY E: Reece Cheasman	Lights 6th Lights 5th Lights 5th Lights 4th Lights 3rd Lights 2nd Lights 2nd Lights 1st Lights Gnd Lights Foyer Lights 1/2 evens Lights 1/2 evens Lights 1/2 odds Lights full evens Lights full evens Lights full evens A B FOR Thermoplastic insulated/sheathed cables in metallic conduit NG COARD CHARACTERISTICS IES WHEN THE BOARD IS NOT CONNECTED TO THE to this distribution board is from: Trent protective device distribution circuit: BS(EN): ETAILS OF TEST INSTRUMENTS Is of Test Instruments used (state serial and/or as nectional: B040826 Lights 5th B B B B B B B B B B B B B B B B B B B	Lights 6th Lights 5th Lights 4th Lights 3rd Lights 2rd Lights 2rd Lights 1st Lights Gnd Lights Foyer Lights 1/2 evens Lights 1/2 evens Lights 1/2 odds Lights full evens Light	Circuit designation Circuit d	Circuit designation	Circuit designation	Circuit designation	Circuit designation	Circuit designation	Circuit designation	Circuit designation	Circuit designation	Circuit designation Circuit designation	Circuit designation	Circuit designation	Circuit designation	Circuit designation Part Part	Circuit designation	Circuit designation	Circuit designation	Circuit designation Circuit designation	Circuit designation Circuit designation	Checula designation Part P	Circuit designation Part P

S	SCHEDULE OF CIRCUIT DETAIL	S AND	TES	T R	ESU	LTS																				
Dist	ribution board designation:		L	andl	ords	s D.E	3.2				Lo	catio	n:			1	st floo	or inta	ke							
			70		condu	cuit uctors: sa	time 37671	Overcuri	rent p		ve	RCD	37671	С	Circuit imp	pedance	es (Ohm	s)		nsulation esistance			sured	RO	CD	AFDE
Circuit number and phase	Circuit designation	wiring	Reference Method	of	Live		Max disconnect time permitted by BS7671	BS(EN)	9	0	city	Operating current, l∆n	Maximum Z _S permitted by BS7671		nal circui ured end		(one co	rcuits lumn to pleted)	- Live	- Earth	/oltage	ty	Maximum measured earth fault loop impedance Z _s	Disconnection	button	outton
Circuit and ph		Type of wiring	Referen	Number of points serve	mm ²		Max o	DO(LIV)	Type No	> Rating		a Opera V currer	_D Maxin permi	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	ΩM ΩM	ΩM ΩM	<test td="" voltage<=""><td></td><td>Maxin Searth impec</td><td>g Disco stime</td><td>Test b Opera</td><td>Test button Operation</td></test>		Maxin Searth impec	g Disco stime	Test b Opera	Test button Operation
12	Lights full odds	В	В	4	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.92	N/A	> 200	> 200	500	~	0.99	N/A	N/A	N/A
13	Lights Elec riser	В	В	7	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.79	N/A	> 200	> 200	500	~	0.86	N/A	N/A	N/A
14	Lights dry riser	В	В	7	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.82	N/A	> 200	> 200	500	~	0.89	N/A	N/A	N/A
15	Lights heating riser	В	В	15	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.46	N/A	> 200	> 200	500	~	1.53	N/A	N/A	N/A
16	Lights bin chutes	В	В	16	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.38	N/A	> 200	> 200	500	~	1.45	N/A	N/A	N/A
17	Lights bulk rm & c/t	В	В	9	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.79	N/A	> 200	> 200	500	~	0.86	N/A	N/A	N/A
18	Lights intake & stores	В	В	7	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.78	N/A	> 200	> 200	500	~	0.85	N/A	N/A	N/A
19	Lights east external	В	В	7	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.27	N/A	> 200	> 200	500	~	1.34	N/A	N/A	N/A
20	Lights west external	В	В	7	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.32	N/A	> 200	> 200	500	~	1.30	N/A	N/A	N/A
21	Time clock + coils	В	В	4	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.11	N/A	N/A	N/A
22	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Spare	N/A N/A N/A N/A						N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
33	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	A B			С				D			E			F			G		Н				0 - 01	ther		
TYP	SFOR Thermoplastic Thermopla EOF insulated/sheathed cables in RING cables metallic con			nermopl cables netallic	in			ermoplastic cables in allic trunking			ermop cables etallic		g	Thermo			rmosettin NA cables		Miner insulated				N/A	A		

S	CHEDULE OF CIRCUIT DETAIL	S AND	TES	ST R	ESU	LTS																				
Dist	ribution board designation:		L	.andl							Lo	catio	n:			1	st floo	or inta	ke							
			_		Cir	cuit uctors:	time 17671	Overcur	rent p	rotectiv	re	RCD	1292	C	Circuit imp	pedance	es (Ohm	s)		nsulation esistance			nred	RC	CD .	AFDD
Circuit number and phase	Circuit designation	wiring	Reference Method	of	Live	cuit uctors: sa cpc	disconnect tted by BS	BS(EN)	9	D	city	ating ht, l∆n	© Maximum Zs Permitted by BS7671	Ring fi (measu	nal circu ured end	its only to end)	All ci (one co be com	rcuits lumn to pleted)	Live	Earth	/oltage	£,	Maximum measured Searth fault loop impedance Zs	nnection	outton	outton
Circuit and ph		Type of wiring	Referen	Number of points served	mm ²	mm ²	% Max o	DO(EIV)	Type No	⊳Rating		∋ Operating > current, l∆n	_D Maxin permi	r ₁ (Line)	r _n (Neutral)		R ₁ +R ₂	R ₂	Ω Live - Live	M Live - Earth	<test td="" voltage<=""><td></td><td>Maxin Θ earth imped</td><td>s time</td><td></td><td>▼ Test button Operation</td></test>		Maxin Θ earth imped	s time		▼ Test button Operation
34	AOV power	Α	В	1	2.5	1.5	0.4	60898	С	25	10	N/A	0.87	N/A	N/A	N/A	0.45	N/A	> 200	> 200	500	~	0.51	N/A	N/A	N/A
35	Door Entry	В	В	2	2.5	2.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	0.12	N/A	> 200	> 200	500	~	0.19	N/A	N/A	N/A
36	Riser sockets	В	В	7	2.5	2.5	0.4	61009	В	16	10	30	2.73	N/A	N/A	N/A	0.17	N/A	> 200	> 200	500	~	0.24	8	~	N/A
																								\vdash	\vdash	
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																								\vdash		-
																										=
																										-
	A B			D			E			F			G		н				0 - Ot	her						
TYP	A B C CODES FOR Thermoplastic Thermoplastic Cables in C							ermoplastic cables in tallic trunking		(ermopl cables			Thermo	plastic		rmosettin VA cables		Miner insulated				N//			
	rm is based on the model shown in An						,,,,,,										4. \\()	C 000	_					Dog	10	of 25



S	CHEDULE OF CIRCU	T DETAILS	AND	TES	ST R	ESU	LTS																				
Dist	ribution board designation	:		L	.and	ords	D.E	3.3				Lo	catic	n:			8	th floo	or inta	ıke							
				9		condu	cuit uctors: sa	t time 37671	Overcur	rent po		ve	RCD	37671	(Circuit imp	pedance	es (Ohm	s)		nsulation esistance			measured ! loop e Zs	RO	CD	AFDD
Circuit number and phase	Circuit designati	on	Type of wiring	Reference Method	Number of points served	Live	cpc	Max disconnect ti permitted by BS7	BS(EN)	Type No	> Rating	S Capacity	g Operating current, l∆n	Maximum Zs permitted by BS7671	(meas	inal circulured end	to end)	(one co	rcuits Dumn to opleted)	M Ω M	$\frac{M}{\Omega}$ Live - Earth	<test td="" voltage<=""><td></td><td>Maximum meas Searth fault loop impedance Zs</td><td>Disconnectime time</td><td>Test button Operation</td><td>Test button Operation</td></test>		Maximum meas Searth fault loop impedance Zs	Disconnectime time	Test button Operation	Test button Operation
1	Lights 16th		В	В	6	1.5	1.5	0.4	60898	В	10	10	mA N/A	Ω 4.37	N/A	(Neutral)	(cpc) N/A	1.14	N/A	> 200	> 200	500	~	1.25	ms N/A	N/A	N/A
2	Lights 15th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.11	N/A	> 200	> 200	500	~	1.22	N/A	N/A	N/A
3	Lights 14th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.06	N/A	> 200	> 200	500	~	1.17	N/A	N/A	N/A
4	Lights 13th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.99	N/A	> 200	> 200	500	~	1.10	N/A	N/A	N/A
5	Lights 12th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.98	N/A	> 200	> 200	500	~	1.09	N/A	N/A	N/A
6	Lights 11th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.94	N/A	> 200	> 200	500	~	1.05	N/A	N/A	N/A
7	Lights 10th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.88	N/A	> 200	> 200	500	~	0.99	N/A	N/A	N/A
8	Lights 9th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.80	N/A	> 200	> 200	500	~	0.91	N/A	N/A	N/A
9	Lights 8th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.75	N/A	> 200	> 200	500	~	0.86	N/A	N/A	N/A
10	Lights 7th		В	В	6	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.66	N/A	> 200	> 200	500	~	0.77	N/A	N/A	N/A
11	Lights 1/2 evens		В	В	5	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.87	N/A	> 200	> 200	500	~	1.98	N/A	N/A	N/A
	A	В			С				D			F			-			G		н				0 - 0	her		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic conduit			hermop cables metallic	in			ermoplastic cables in allic trunking			cables	olastic s in trunkin	g	Thermo			ermosettin NA cables		Miner insulated				N/A			
É	OARD CHARACTERIS	STICS																									
	LIES WHEN THE BOARD IS to this distribution board		TED 1	TO TH	-	r igin Origi	-	HE IN	ISTALLAT	_	of p	hacı	00.	1					Cou	nfirmatic	on of cur	nnly n	olorit				
			1	264				Г. <i>г</i> о о	2		•	liast	55.			Nomina		00 V						-			
for the	Overcurrent protective device or the distribution circuit: BS(EN):				Fuse			ype	2		iting:	_1		200		/oltage		30 V	Zs: Dis	connect		11 Ω	lpi Di		ectio		1 kA
RCD		BS(EN):				N/A				No	of p	oles	-	N/A	۱ ۱	Rating:	IN/A	AmA	tim	e at l∆n:	IN/	'A ms	tin	ne at	5l∆n:	·· IN/	1 ms
	DETAILS OF TEST INST ails of Test Instruments us		l and	or as	sset r	numb	ers):																				
	unctional:	•)408				,	nsula	ition resis	tance	е:					N/A			C	Continuit	y:			N/A			
Earth 6	electrode resistance:		N/A				E	arth	fault loop	imp	edan	ce:				N/A			R	RCD:				N/A			
Í	ESTED BY																										
Nam	ne: Reece Che	asman		Posit	ion:			ı	Electricia	an				Signa	ature:		B	Cher				Da	te:	1:	3/05/	2022	<u>,</u>
This for	This form is based on the model shown in Ar				BS 76	71.2	018												C-008	15					Page	e· 20	of 35

CHEDULE OF CIRCUIT DETAILS	AND	TES	TR	ESU	LTS																				
ibution board designation:		L	andl	ords	D.E	3.3				Lo	catio	n:			8	th floo	or inta	ke							
		70		condu	ictors:	t time 37671				/e	RCD	37671	C	Circuit imp	pedance	es (Ohm	s)					sured	R	CD	AFDD
Circuit designation	of wiring	rence Methoo	ber of ts served	Live	срс	ax disconnect rmitted by BS	BS(EN)	pe No	ating	apacity	oerating rrent, l∆n	aximum Zs rmitted by BS	(measi	ured end	to end)	(one co	lumn to pleted)	- Live	/e - Earth	st voltage	olarity	aximum meas irth fault loop pedance Z _S	sconnection	st button peration	▼ Test button Operation
	Туре	Refe	Num point	mm ²	mm ²	S S		<u> </u>	A R	kA	mA G G	Ω				11112	11/2	ΩM	ΩM	\ \ Te	√ Pc	⊒. ⊕ ≅	ms Ei Öi	J. Op.	√ Or
Lights 1/2 odds	В	В	4	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.34	N/A	> 200	> 200	500	~	1.45	N/A	N/A	N/A
Lights full evens	В	В	5	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.20	N/A	> 200	> 200	500	~	1.31	N/A	N/A	N/A
Lights full odds	В	В	4	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.94	N/A	> 200	> 200	500	~	1.05	N/A	N/A	N/A
Lights Elec riser	В	В	9	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.26	N/A	> 200	> 200	500	~	1.37	N/A	N/A	N/A
Lights dry riser	В	В	8	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	1.22	N/A	> 200	> 200	500	~	1.33	N/A	N/A	N/A
Time clock + coils	В	В	4	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.15	N/A	N/A	N/A
Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AOV power	А	В	1	2.5	1.5	0.4	60898	С	25	10	N/A	0.87	N/A	N/A	N/A	0.39	N/A	> 200	> 200	500	~	0.48	N/A	N/A	N/A
T.V amp	D	В	1	2.5	2.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	0.14	N/A	> 200	> 200	500	~	0.25	N/A	N/A	N/A
Riser sockets	D	В	9	2.5	2.5	0.4	61009	С	20	10	30	1.09	N/A	N/A	N/A	0.23	N/A	> 200	> 200	500	~	0.34	8	~	N/A
A B			С				D			Е			F			G		Н				0 - 0	her		
S FOR Thermoplastic Thermoplastic Cables in Cables metallic conduit			cables	in		c	cables in		(cables	in	9										N/A	Α		
	Circuit designation Lights 1/2 odds Lights full evens Lights full odds Lights Elec riser Lights dry riser Time clock + coils Spare Spare Spare AOV power T.V amp Riser sockets AB SFOR Thermoplastic insulated/sheathed insulated/sheathed For Thermoplastic cables in	Circuit designation Circuit designation Lights 1/2 odds Lights full evens Lights full odds Lights Elec riser B Lights dry riser B Time clock + coils Spare N/A Spare N/A Spare N/A Spare N/A AOV power A T.V amp D Riser sockets D SSFOR Riser sockets D Thermoplastic cables in metallic conduit Textual con	Circuit designation Circuit designation Circuit designation Lights 1/2 odds Lights full evens B Lights full odds B B Lights Elec riser B B Lights dry riser B B Spare N/A N/A N/A Spare N/A N/A Spare N/A AOV power AOV power T.V amp D B Riser sockets D B Riser sockets D B Serial A Serial A B A B Serial A Serial	Circuit designation	Circuit designation	Landlords D.E Landlords D.	Circuit designation	Circuit designation Circuit designation		Circuit designation Circuit designation	Circuit designation Circuit designation	Circuit designation Circuit designation			Circuit designation:		Circuit designation	Circuit designation: Circuit designation:	Circuit designation:	Circuit designation: Part Part	Curcuit designation Part Part	Curvix designation Curvix	Contract Contract	Circuit designation: Circuit designation:	Chical designation Chical



S	CHEDULE OF CIRCUIT DE	TAILS A	AND	TES	T RI	ESU	LTS																				
Distr	ibution board designation:			Roc	f ta	nk ro	om	DB1				Lc	catio	n:			R	oof ta	nk ro	om							
				70		cond	cuit uctors: sa	t time 37671	Overcur	rent pi		ve	RCD	37671	(Circuit imp	edance	es (Ohm	s)		nsulation esistance	-		measured loop	RO	D ,	AFDD
Circuit number and phase	Circuit designation		Type of wiring	Reference Method	Number of points served	Live mm ²		ω Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	S Capacity	g Operating ➤ current, l∆n	Maximum Z _s D permitted by BS7671	(meas	inal circui ured end rn (Neutral)	to end)	(one co	rcuits lumn to pleted) R ₂	M Ω N M	Σ Live - Earth	<test td="" voltage<=""><td></td><td>Maximum meas Searth fault loop impedance Zs</td><td>g Disconnection w time</td><td>Test button Operation</td><td>Test button Operation</td></test>		Maximum meas Searth fault loop impedance Zs	g Disconnection w time	Test button Operation	Test button Operation
1	Lift motor room DB odds		F	С	1	16	16	5	88-2	gG	?	80		N/A	N/A	N/A	N/A	0.03	N/A	> 200	> 200	500	~	0.21	N/A		N/A
2	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	No Trace		В	В	LIM	2.5	2.5	0.4	88-2	gG	16	80	N/A	2.43	N/A	N/A	N/A	LIM	N/A	> 200	> 200	500	LIM	LIM	N/A	N/A	N/A
4	Lift motor room DB evens		F	С	1	16	16	5	88-2	gG	?	80	N/A	N/A	N/A	N/A	N/A	0.03	N/A	> 200	> 200	500	~	0.21	N/A	N/A	N/A
5	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Roof tank room lights		В	В	4	1.5	1.5	0.4	88-2	gG	6	80	N/A	7.80	N/A	N/A	N/A	0.24	N/A	> 200	> 200	500	~	0.42	N/A	N/A	N/A
10	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Roof tank room lights		В	В	7	1.5	1.5	0.4	88-2	gG	6	80	N/A	7.80	N/A	N/A	N/A	0.31	N/A	> 200	> 200	500	~	0.49	N/A	N/A	N/A
	A	В			С				D			F					I	G		н		I		0 - 0	ther		
CODE TYPI WIR	S FOR Thermoplastic The insulated/sheathed	nermoplastic cables in etallic conduit			ermopl cables			С	ermoplastic cables in allic trunking			ermop cables		g	Thermo			rmosettin VA cables		Miner insulated				N/A			
В	OARD CHARACTERISTICS	S																									
	LIES WHEN THE BOARD IS NOT On the tothis distribution board is from		TED T				of T D.B		STALLAT		of p	hac		1					Co	nfirmatic	on of cui	anly n	alarit	<i>,</i> .			
	urrant protective device		0.0					, i ype c			-	liast	55.	-		Nomina		00 V			-						
	distribution circuit:	(EN):	00	0-∠ Γ	use			ype ç	JG		ting:	_1		200		/oltage:		80 V	Zs: Dis	connect		18 Ω	lpf Di:		ectio		3 kA
RCD		(EN):	•			N/A				No	of p	oles	:	N/A	, ,	Rating:	IN/F	\mA	tim	e at l∆n:	N/	A ms	tin	sconn ne at t	5ľ∆n:	· IN/F	\ ms
	ETAILS OF TEST INSTRUMILIES of Test Instruments used (sta		and/	or as	set n	umb	ers):																				
	unctional:		4082					nsula	tion resis	tance	e:					N/A			C	Continuit	y:			N/A			
Earth 6	electrode resistance:		N/A				E	arth 1	fault loop	imp	edan	ce:				N/A			F	RCD:				N/A			
Ī	ESTED BY																										
Nam	e: Reece Cheasma	ın	F	Positi	on:			Е	Electricia	เท				Signa	ture:		M.	Cher				Da	te:	1	6/05/	2022	2
This for	m is based on the model shown	n in Annei	ndix	6 of F	S 76	71.2	018										/ /	ef. WC		15					Page	a· 23	of 35

S	CHEDULE OF CIRCUIT	DETAILS AN	D TES	ST RI	ESU	LTS																				
Dist	ribution board designation:		Ro	of tai							Lo	catio	n:			R	oof ta	nk roc	om							
			75		Cir	cuit uctors:	time 37671	Overcur	rent pr	otectiv	/e	RCD	1292		Circuit imp				re	nsulation esistance			ured	RC	, סג	AFDD
umber se	Circuit designation	iring	e Method	yed			sconnect ed by BS		0		ξ	ing , l∆n	ım Zs ed by BS	Ring fi (measu	nal circu ured end	its only to end)	All ci (one co be com	rcuits lumn to pleted)	e.ive	arth	ıltage		um meas ault loop ince Zs	nection	itton	ion
Circuit number and phase		Type of wiring	Reference Method	Number of points served	Live mm ²	cuit uctors: sa cpc	ω Max dis	BS(EN)	Type No	≽Rating	S Capacity	∋ Operating > current, l∆n	Maximum Zs D permitted by BS7671	r ₁	r _n (Neutral)	r ₂	R ₁ +R ₂		$_{\Omega}^{\text{MLive - Live}}$	M Live - Earth Ω	<test th="" voltage<=""><th></th><th>Maximum measured Searth fault loop impedance Zs</th><th>g Discon</th><th>Test button Operation</th><th>▼ Test button Operation</th></test>		Maximum measured Searth fault loop impedance Zs	g Discon	Test button Operation	▼ Test button Operation
12	CCTV	F	С	1	2.5	2.5	0.4	88-2	gG	6		N/A	7.80	N/A	N/A	N/A	0.20	N/A	> 200	> 200	500	~	0.38	N/A		N/A
																								\square		
																								-		-
																									-+	$-\parallel$
																								\vdash		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic conduit		hermopl cables	in			ermoplastic cables in allic trunking		(ermopl cables	in		Thermo	plastic		G rmosettin VA cables		Miner insulated				0 - 0t N/A			
	RING cables			metallic			met	anic truffkirig		nonine	statilic 1	trunkin	J					C 008							2. 24	of 25



S	CHEDULE OF CIF	RCUIT DETAILS	AND	TES	T R	ESU	LTS																				
Distri	bution board design	ation:		Ro	of ta	nk ro	oom	DB2	2			Lo	catic	n:			R	oof ta	nk ro	om							
				7		condu	cuit uctors: sa	t time S7671	Overcur	rent p		ve	RCD	37671	C	Circuit imp	oedance	,	•		nsulation esistance			measured t loop	R	CD	AFI
number Ise	Circuit des	signation	viring	e Metho	of			Max disconnect time permitted by BS7671	50/510	9		ity	ing i, I∆n	Maximum Z _S permitted by BS7671		nal circui ured end		All ci (one co be com	lumn to	Live	Earth	oltage		um meas ault loop	Disconnection time	utton	rtton
Circuit number and phase			Type of wiring	Reference Method	Number of points served	Live mm ²		ω Max dis	BS(EN)	Type No	y Rating	S Capacity	∋ Operating >> current, l∆n	Maxim D permitt	r ₁ (Line)	r _n (Neutral)		R ₁ +R ₂	R ₂	ΩW Live - L	P NΩ	<test td="" voltage<=""><td></td><td>Maximum m Searth fault lo</td><td>a Discon stime</td><td>Test button Operation</td><td>Test button</td></test>		Maximum m Searth fault lo	a Discon stime	Test button Operation	Test button
1	Commando socket 1		В	В	1	2.5	2.5	0.4	3871	2	16	10	N/A	1.95	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.18	N/A	N/A	N.
2	Commando socket 3		В	В	1	2.5	2.5	0.4	3871	2	16	10	N/A	1.95	N/A	N/A	N/A	0.05	N/A	> 200	> 200	500	~	0.19	N/A	N/A	N
3	Commando socket 5		В	В	1	2.5	2.5	0.4	3871	2	16	10	N/A	1.95	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.18	N/A	N/A	N
4	Commando socket 2		В	В	1	2.5	2.5	0.4	3871	2	16	10	N/A	1.95	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.18	N/A	N/A	N
5	Commando socket 4		В	В	1	2.5	2.5	0.4	3871	2	16	10	N/A	1.95	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.18	N/A	N/A	N
6	Commando socket 6		В	В	1	2.5	2.5	0.4	3871	2	16	10	N/A	1.95	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.19	N/A	N/A	N
																											T
																											T
<u>'</u>	A	В			С				D			E			F			G		Н	<u> </u>			0-0	ther		
CODES TYPE WIRI	OF insulated/sheath				hermopl cables netallic	in	i		ermoplastic cables in allic trunking			ermop cables etallic		g	Thermo /SWA o			rmosettin VA cables		Miner insulated				N/	A		
	OARD CHARACT																										
	to this distribution be		CTED		IE O R .andl				STALLAT		of p	hace		1					Cor	nfirmatio	on of su	anly n	olarit	···			/
	rrent protective devi		0								•		55.	-	۸ ۱	Nomina	ا ا	00.17									•
or the	distribution circuit:	BS(EN):	ð	8-2 F			-	/pe (JG		ting:			30	,	/oltage		80 V	Zs: Dis	connect		14 Ω	•		ectio		.8
RCD				42	93 R	CD			No	of p	oles	:	2		Rating:	30	mA		e at l∆n		2 ms	tin	sconr ne at	5l∆n:	n 6) r	
	ETAILS OF TEST ils of Test Instrumen			l/or as	set r	numb	ers):																				
	nctional:		0408					nsula	tion resis	tance	e:					N/A			С	Continuit	y:			N/A			
arth e	lectrode resistance:			E	arth	fault loop	imp	edan	ce:				N/A			R	RCD:				N/A						
TESTED BY Earth electrode resistance: N/A Earth fault loop imp																											
Name: Reece Cheasman Position: Electric														Signa	ture:		B	Cher				Da	te:	1	6/05/	202	2
This form is based on the model shown in Appendix 6 of BS 7671:2018.																	/ /	ef: WC		5					Pag	e: 26	of



S	CHEDULE OF CIRCU	IT DETAILS	AND	TES	T R	ESU	LTS																				
Distr	ribution board designation	า:	Li	ft m	otor	roor	n ev	ens	DB			Lo	catio	n:			R	oof ta	nk ro	om							
				70		condu	cuit uctors: sa	time 37671	Overcur	rent pi		/e	RCD	37671	C	Circuit imp	edance	es (Ohm	s)		nsulation esistance			measured ! loop e Zs	RC	CD	AFDD
Circuit number and phase	Circuit designat	tion	of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	oe No	ting	S Capacity	Operating current, l∆n	Maximum Zs permitted by BS7671	(measi	inal circui ured end	to end)	(one com	rcuits lumn to ppleted)	Live	e - Earth	<test td="" voltage<=""><td>larity</td><td>Maximum meas Searth fault loop impedance Zs</td><td>Disconnection time</td><td>Test button Operation</td><td>Test button Operation</td></test>	larity	Maximum meas Searth fault loop impedance Zs	Disconnection time	Test button Operation	Test button Operation
Circ.			Туре	Refer	Numk	mm ²	mm ²	s Ma		Type	> Rating	RA Ca	o mA	Ω per	(Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	ν Γ <u>κ</u> ΩΜ	ν ΓΙ. ΩΜ	\ \ \		Ma in g	sm tim Tim	√ Op	√ Op
1	Motor room RCD socket		В	В	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.25	Fail	~	N/A
2	CCTV		F	С	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.12	N/A	> 200	> 200	500	~	0.33	N/A	N/A	N/A
3	Plug in pit		В	В	No Trac	2.5	2.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
4	Motor room heaters		В	В	e e	2.5	2.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.11	N/A	> 200	> 200	500	~	0.34	N/A	N/A	N/A
5	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Car light		В	В	1	1.5	1.5	0.4	60898	С	6	10	N/A	3.64	N/A	N/A	N/A	0.08	N/A	> 200	> 200	500	~	0.29	N/A	N/A	N/A
7	CCTV spur		В	В	1	1.5	1.5	0.4	60898	С	6	10	N/A	3.64	N/A	N/A	N/A	0.08	N/A	> 200	> 200	500	~	0.29	N/A	N/A	N/A
8	Windcreast		В	В	1	1.5	1.5	0.4	60898	С	6	10	N/A	3.64	N/A	N/A	N/A	0.14	N/A	> 200	> 200	500	~	0.35	N/A	N/A	N/A
9	Motor room lights		В	В	3	1.5	1.5	0.4	60898	С	6	10	N/A	3.64	N/A	N/A	N/A	0.27	N/A	> 200	> 200	500	~	0.48	N/A	N/A	N/A
10	Shaft lights		В	В	1	1.5	1.5	0.4	60898	С	6	10	N/A	3.64	N/A	N/A	N/A	0.07	N/A	> 200	> 200	500	~	0.28	N/A	N/A	N/A
	A	В			С				D			E			F			G		н				0 - Ot	her		
TYP	S FOR Thermoplastic E OF insulated/sheathed cables	Thermoplastic cables in metallic conduit			hermop cables netallic	in		(ermoplastic cables in allic trunking			ermop cables etallic			Thermo /SWA			rmosettin VA cables		Miner insulated				N//	4		
	OARD CHARACTERI		TED 1	O TH	IE OR	IGIN	OF T	HE IN	ISTALLAT	TION																	
Supply	to this distribution board	is from:		Ro	of ta	nk ro	om	DB		No	of pl	hase	es:	1					Coi	nfirmatic	n of su	oply po	olarity	/ :		(/
	urrent protective device distribution circuit:	BS(EN):	88	3-2 F	use	HRC	: - Ty	/pe g	gG	Ra	ting:			30		Nomina /oltage:		80 V	Zs:		0.	21 Ω	lpf	:		1.	1 kA
RCD	alouiloui cirouiti	BS(EN):				N/A				No	of p	oles	:	N/A		Rating:		λmA	Dis tim	connect e at l∆n:	ion N/	A ms	Di: tim	sconn ne at 5	ectio ol∆n:	n N//	A ms
	ETAILS OF TEST INS alls of Test Instruments us		l and/	or as	sset r	numb	ers):																				
Multi-fu	unctional:	ВС)4082	26			lı	nsula	tion resis	tance	э:					N/A			C	Continuit	y:			N/A			
Earth 6	electrode resistance:		N/A				Е	arth	fault loop	imp	edan	ce:				N/A			R	RCD:				N/A			
Í	ESTED BY																										
Nam	ne: Reece Che	easman	F	Positi	ion:			E	Electricia	an				Signa	iture:		M.	Cher				Da	te:	16	6/05/	2022	2
This for	This form is based on the model shown in A				20 70	371.2	010										Ď,	of: WC	$C \cap \cap \circ$	5					Dage	o. 20	of 35



S	CHEDULE OF CIRC	JIT DETAILS	AND	TES	T R	ESU	LTS																				
Dist	ribution board designation	n:	L	ift m	otor	roo	m o	dds	DB			Lo	ocatio	n:			R	oof ta	nk ro	om							
				9		cond	cuit uctors: sa		Overcur	rent p		ve	RCD	37671	(Circuit imp	oedance	es (Ohm	s)		nsulation esistance			measured Floop e Zs	R	CD	AFDD
Circuit number and phase	Circuit designa	ation	Type of wiring	Reference Method	Number of points served	Live	cpc	ω Max disconnect ti permitted by BS7	BS(EN)	Type No	> Rating	∑ Capacity	g Operating ➤ current, l∆n	⊖ Maximum Z _S Permitted by BS7671	(meas	inal circui ured end rn (Neutral)	ts only to end) r ₂ (cpc)	(one co	rcuits dumn to pleted) R ₂	M Ω M	$\frac{M}{\Omega}$ Live - Earth	<test td="" voltage<=""><td></td><td>Maximum meas Searth fault loop impedance Zs</td><td>B Disconnection was time</td><td>Test button Operation</td><td>Test button Operation</td></test>		Maximum meas Searth fault loop impedance Zs	B Disconnection was time	Test button Operation	Test button Operation
1	Motor room RCD socket		В	В	2	2.5	2.5	0.4	60898	С	16	10		1.37	N/A	N/A	N/A	0.02	N/A	> 200	> 200	500	~	0.17	Fail	×	N/A
2	Top of car supply		В	В	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.14	N/A	> 200	> 200	500	~	0.35	N/A	N/A	N/A
3	Motor room heaters		В	В	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.02	N/A	> 200	> 200	500	~	0.23	N/A	N/A	N/A
4	CCTV		В	В	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.25	N/A	N/A	N/A
5	Shaft lights		В	В	1	1.5	1.5	0.4	60898	С	6	10	N/A	3.64	N/A	N/A	N/A	0.07	N/A	> 200	> 200	500	~	0.28	N/A	N/A	N/A
6	Car light		В	В	1	1.5	1.5	0.4	60898	С	6	10	N/A	3.64	N/A	N/A	N/A	0.06	N/A	> 200	> 200	500	~	0.27	N/A	N/A	N/A
7	Windcreast		В	В	1	1.5	1.5	0.4	60898	С	6	10	N/A	3.64	N/A	N/A	N/A	0.12	N/A	> 200	> 200	500	~	0.33	N/A	N/A	N/A
8	Motor room lights		В	В	3	1.5	1.5	0.4	60898	С	6	10	N/A	3.64	N/A	N/A	N/A	0.23	N/A	> 200	> 200	500	~	0.44	N/A	N/A	N/A
9	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	A	В			С				D			Е			F			G		н				0-0	ther		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic condui			nermop cables netallic			(ermoplastic cables in allic trunking			cables	olastic s in trunkin	9	Thermo			ermosettir NA cable:		Miner insulated				N/			
É	OARD CHARACTER	ISTICS																									
	LIES WHEN THE BOARD to this distribution board		TED 1	-	-	i iGiN ink ro	-		ISTALLAT	_	of p	hacı	oc.	1					Co	nfirmatic	n of eur	nnly n	olarit				/
			0.0	8-2 F					~C		-	iias	5 3.	30		Nomina		30 V				ρρι <u>γ</u> ρ. .21 Ω					1 kA
for the	Overcurrent protective device or the distribution circuit: BS(EN):				use			ype (yG		iting:	مامم				/oltage			Zs: Dis	connect			lpf Di		ectio		
RCD	NETAU O OE TEOT IV	BS(EN):				N/A				INC	of p	oies). 	N/A		Rating:	IN/F	AmA		e at l∆n:		/A ms	tin	ne at	5l∆n:	IN//	A ms
	DETAILS OF TEST IN ails of Test Instruments u			or as	set r	umb	ers):																				
Multi-fu	unctional:	B(0408	26			Í	nsula	ition resis	stanc	e:					N/A			C	Continuit	y:			N/A			
Earth 6	electrode resistance:		N/A				E	arth	fault loop	imp	edan	ce:				N/A			R	RCD:				N/A			
Í	ESTED BY																										
Nam	ne: Reece Ch	easman		Positi	on:			E	Electricia	an				Signa	ature:		M	Cher				Da	te:	1	6/05/	2022	2
This for	This form is based on the model shown in A				35.76	71.2	018											et. MC		15					Pag	e· 30	of 35



S	CHEDULE OF CIRCU	T DETAILS A	AND	TES	T RI	ESU	LTS																				
Distr	ribution board designation	:		В	oile	r Ro	om I	ОВ				Lo	catic	n:				Board	Rooi	m							
				70		condu	cuit uctors: sa	t time 37671	Overcur	rent pr		ve	RCD	BS7671	(Circuit imp	edance	es (Ohm	s)		nsulation esistance			measured loop s Zs	RC	D A	FDD
Circuit number and phase	Circuit designati	on	Type of wiring	Reference Method	Number of points served	Live mm ²	cpc	ω Max disconnect tir permitted by BS76	BS(EN)	Type No	> Rating	∑ Capacity	g Operating ➤ current, l∆n	Maximum Zs permitted by BS		inal circui ured end rn (Neutral)		(one co	rcuits lumn to pleted)	M Live - Live	Ω Live - Earth	<test td="" voltage<=""><td>▼ Polarity</td><td>Maximum meas Searth fault loop impedance Zs</td><td>B Disconnection it time</td><td>Test button Operation</td><td>✓ l est button ✓ Operation</td></test>	▼ Polarity	Maximum meas Searth fault loop impedance Zs	B Disconnection it time	Test button Operation	✓ l est button ✓ Operation
1 L1	Boiler room sockets RCD		В	В	2	2.5	2.5	0.4	60898	В	16	10		2.73	N/A	N/A	N/A	0.03	N/A	> 200	> 200	500	V	0.12	Fail		N/A
1 L2	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A I	N/A
1 L3	Lights back room		В	В	3	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.23	N/A	> 200	> 200	500	~	0.35	N/A	N/A I	V/A
2 L1	Lights main room		В	В	8	1.5	1.5	0.4	60898	В	10	10	N/A	4.37	N/A	N/A	N/A	0.39	N/A	> 200	> 200	500	~	0.48	N/A	N/A I	V/A
2 L2	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A I	√/A
2 L3	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A I	√/A
3 L1	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A I	N/A
3 L2	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A I	N/A
3 L3	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A I	√A
4 L1	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A I	N/A
4 L2	Spare		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A I	√A
	A	В			С				D			Е			F			G		н				0 - 01	her		
CODE TYP WIR	E OF insulated/sheathed	Thermoplastic cables in metallic conduit			ermopl cables netallic			C	rmoplastic ables in Ilic trunking			cables	olastic s in trunkin	g	Thermo			ermosettin NA cables		Miner insulated o				FF	•		
APPI	OARD CHARACTERIS LIES WHEN THE BOARD IS to this distribution board	NOT CONNEC	TED 1 Glas	r o t H sgow	swi	tch ir	n gro	HE IN ound f	STALLAT floor		of p	hasi	5 6.	3					Coi	nfirmatio	n of su	nnly n	olarity	<i>J</i> -		V	
,				6		in int 7-3 Is		or			ting:	ilao		63		Nomina		5 V			-	09 Ω				2.7	
	Overcurrent protective device by the distribution circuit: BS(EN): BS(EN):			U	0341	N/A	olat	O1			of p	مامد		N/A		/oltage: Rating:		AmA	Zs: Dis	connect	ion N/	'A ms	lpf Di:	sconn ne at 8	ection		
RCD	ETAILS OF TEST INS					11//				INO	oi p	0162	-	IN/A	·	Natiriy.	IN/F	TIIIA	tim	e at l∆n:	IN/	AIIIS	tin	ne at 8	ōl <u>∆</u> n:	IN/A	1115
	ails of Test Instruments us		l and	or as	set n	umb	ers):																				
Multi-fu	unctional:	ВО	408	26			li	nsulat	ion resis	tance	э:					N/A			C	Continuit	y:			N/A			
Earth 6	electrode resistance:		N/A				E	arth f	ault loop	impe	edan	ce:				N/A			R	RCD:				N/A			
Í	ESTED BY																										
Nam	ne: Reece Che	asman	ı	Positi	on:			Е	lectricia	เท				Signa	ture:		M	Cher				Da	te:	10	5/05/	2022	
This for	m is based on the model	shown in Appe	ndix	6 of E	3S 76	71:2	018.										Ŕ	ef: WC	C-008	5					Page	e: 32 c	of 35

S	CHEDULE OF CIRCUIT DETAILS	AND	TES	T RI	ESU	LTS																				
Dist	ribution board designation:		В	oile	r Ro	om [DВ				Lo	catio	n:				Board	Roo	m							
			70		Cir condu	cuit uctors: sa	time 37671	Overcuri d	ent p		ve	RCD	37671	C	Circuit imp	pedance	es (Ohm	s)		nsulation esistance			sured	RO	CD	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cuit uctors: sa cpc	ax disconnect ermitted by BS	BS(EN)	Type No	> Rating	S Capacity	Operating • current, l∆n	Maximum Z _S permitted by BS7671	Ring fi (measu	nal circui ured end	ts only to end)		rcuits lumn to pleted) R ₂] =	M Live - Earth	<test td="" voltage<=""><td>▼ Polarity</td><td>Maximum measured Searth fault loop impedance Zs</td><td>Disconnection</td><td>Test button Operation</td><td>▼ Test button ◆ Operation</td></test>	▼ Polarity	Maximum measured Searth fault loop impedance Zs	Disconnection	Test button Operation	▼ Test button ◆ Operation
Circ		Type	Refe	Num	mm ²	mm ²	≥ ă s		Ę,	Ã	kA	mA O g	Ω Δ		(Neutral)				ΩM	MΩ	V	P	Σ % ≧	ms	¥0	1 0
4 L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5 TP	3 phase pump	В	В	1	2.5	2.5	0.4	60898	С	32	10	N/A	0.68	N/A	N/A	N/A	0.06	N/A	> 200	> 200	500	~	0.15	N/A	N/A	N/A
6 L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 L2	Sprinkler flow switch	В	В	No Trac	2.5	2.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
6 L3	Fire detection power	0	С	e e	2.5	1.5	0.4	60898	С	20	10	N/A	1.09	N/A	N/A	N/A	0.11	N/A	> 200	> 200	500	~	0.20	N/A	N/A	N/A
7 L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7 L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7 L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L1	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L2	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L3	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	A B			С				D			E			F			G		Н				0 - 0	ther		
	S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in ING cables metallic condui			nermopl cables netallic	in			ermoplastic cables in allic trunking			ermop cables etallic		9	Thermo /SWA c			ermosettin NA cables		Miner insulated				FF	>		
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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.
- 2. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
- 3. 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.
- 4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. For safety reasons it is important that this instruction is followed.
- 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 C1 ('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 may be 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 C1 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 6).
- 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 6 of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.