Appendix 2 Woodlands Centre including Village Hall 34 Woodlands Avenue

## ELECTRICAL INSTALLATION CONDITION

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations Report Reference:

#### DETAILS OF THE PERSON ORDERING THE REPORT

Client:

Rustington Parish Council

Address:

34 Woodland Avenue, Rustington, West Sussex, BN16 3HB

#### REASON FOR PRODUCING THIS REPORT

Reason for producing this report:

Periodic inspection.

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

18/05/2020

### DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Installation Address:

Same as client adddress.

Description of premises: Domestic

N/A Commercial Industrial

N/A Other:

N/A

Estimated age of wiring system:

years

Evidence of additions/ alterations:

Yes if yes, estimated age:

10 years

Installation records available? (Regulation 651.1)

Yes

Date of last inspection:

05/08/2015

#### **EXTENT AND LIMITATIONS OF INSPECTION AND TESTING**

Extent of the electrical installation covered by this report:

100% of the installation.

Agreed limitations including the reasons (see Regulation 653.2):

20% removal of accessories for testing. Insulation testing done between LN&E at 250v to avoid damaged to sensitive equipment. DB7 only tested to regal6 boxs as all wiring after that comes under PAT testing.

Agreed with:

Client

Operational limitations including the reasons:

Protect sensitive equipment like dimmer switches, electronic starters, indicator lamps and fluorescent/LED technology.

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 2018.

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.

### 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\*:

UNSATISFACTORY

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

#### 6 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:

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

### 7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

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

N/A There are no items adversely affecting electrical safety

or

 $\checkmark$  The following observations and recommendations are made

Item No		Observations	Classificatio Code
1	DB1- IP rating not achieved on fuseborn Recommended that a tails gland is interested in the commended that a tails gland is interested.	pard as has a large hole on bottom and side of the board roduced to achieve IP ratings.	l. C2
2	DB1/3L1- Protective device terminal s replaced so tight connection can be m	howing damage. Recommended that Protective device lade.	is C3
3		er than maximum permitted Zs, However is protected by ed as the poor reading is likely to be caused by a loose ated at the bottom of the lights.	/ a C3
4		er than maximum permitted Zs, However is protected by ed as the poor reading is likely to be caused by a loose ated at the bottom of the lights.	/a C3
		ard as holes in top of board are not covered. Inking to is introduced to achieve IP ratings.	C3
	DB3- RCD protection required for all li to meet requirements.	ghting on fuseboard. Recommended that RCD is installe	ed C2
	DB4/3- Remove circuit as there is no r be energised.	need for contactor in cupboard as circuits should always	C3
		ard as holes in top of board are not covered. nking to is introduced to achieve IP ratings.	C3
		ating exceeds the current carrying capacity of circuit, decommended Change of protective device or rewire in	C2
	DB5/3- No earth reading at switch at o repaired or rewired.	r lights. likely to be a missed connection. Circuit should	be C2
		ard as holes in top of board are not covered and are t a tails gland or trunking to is introduced to achieve IP	C2
	following codes, as appropriate, has been e for the installation the degree of urgency	allocated to each of the observations made above to indicate for remedial action.	e to the person(s
Risk o	er Present of Injury. Immediate dial action required  C2  Potentially Urgent remove required	- 05	investigation I without delay
nmediat	te remedial action required for items:	N/A	
rgent re	medial action required for items:	1, 6, 9, 10, 11	
nproven	nent recommended for items:	2, 3, 4, 5, 7, 8	
	vestigation required for items:	N/A	

7 OB	SERVATIONS AND RECOMMENDA	TIONS FOR ACTIONS TO BE TAKEN (CONTIN	UED)
Item No		Observations	Classification Code
12		/pe RCBO and also has an RCD protected switch of nuisance tripping therefore, I recommend the Switch olator.	C3
13		/pe RCBO and also has an RCD protected switch of nuisance tripping therefore, I recommend the Switch olator.	C2
14	DB6/5- No RCD protection for outside light Recommend that a RCBO is installed.	nts. All external equipment should be RCD protected.	C2
15		rpe RCBO and also has an RCD protected socket. tripping therefore, I recommend the Socket should be	C3
16	DB5/10- No earth reading at switch at or I be repaired or rewired.	ights. likely to be a missed connection. Circuit should	C2
17	DB5- Fuseboard plastic and is located in toboarded required to meet regulation.	the sole means of an escape for upstairs. Fire rated	C2
18		ng conductors. Overcurrent protective device rating ircuit, feeding multiple outlets/accessories. ce or rewire in correct size cable.	C2
19		pe RCBO and also has an RCD protected socket. ripping therefore, I recommend the Socket should be	C3
	DB9/7- Batten holder under the stage has replacement.	been knocked and damaged. Recommended	C3
	DB5- Fuseboard plastic and is located in t to meet regulation.	he means of an escape. Fire rated boarded required	C2
	DB13- Fuseboard made from wooden materated boarded required to meet regulation	terial and is located in the means of an escape. Fire	C2
		g exceeds the current carrying capacity of circuit, Immended Change of protective device or rewire in	C2
	DB14/4- No earth reading at water Heater repaired or rewired.	likely to be a missed connection. Circuit should be	C2
	following codes, as appropriate, has been allo e for the installation the degree of urgency for	ocated to each of the observations made above to indicate to remedial action:	the person(s)
Risk o	rer Present  of injury. Immediate dial action required  C2  Potentially da  Urgent remedia  required	Ingerous C3 Improvement FI Further inversely recommended required with r	
Immedia	te remedial action required for items:	N/A	
Urgent re	medial action required for items:	13, 14, 16, 17, 18, 21, 22, 23, 24	
Improven	nent recommended for items:	12, 15, 19, 20	
Further in	evestigation required for items:	N/A	

#### OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN (CONTINUED) Classification Item No Observations Code 25 DB14- Circuits 7+10 are dual feed. meaning one cannot be switched off without the other. C1 Immediate action required to sort problem as circuit cannot be isolated correctly. DB14/3-12- No RCD protection for all circuits which include water heaters, sockets and outside 26 C2 equipment. Recommended that RCD protection is introduced to reduce the risk of electric shock. 27 DB11/1- DB14 maximum calculated demand is higher than protective device MCB. This may C2 cause the MCB to trip out on overload. Recommended New supply to DB14 from origin. 28 DB11/9- Cables exposed to direct sunlight/external elements, not of a suitable type - no signs of C3 thermal damage or structure decay 29 DB11- RCD protection required for all lighting on board. Recommended that RCBO is installed C2 to meet requirements. 30 DB11- Fuseboard is made from a non fire rated material however is not located in a fire escape. C3 Fire rated boarded required to meet regulation. DB10- Fuseboard is made from a non fire rated material however is not located in a fire escape. 31 C3 Fire rated boarded required to meet regulation. 32 DB15- Fuseboard is made from a non fire rated material however is not located in a fire escape. C3 Fire rated boarded required to meet regulation. 33 For all emergency lighting in building Key switches should be introduced to clearly identified by C3 position of emergency lights. (537.3.3.6) 34 All locations. Cables installed without means of support from premature collapse, in the event of C2

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

the fire. Recommended that fire clips are installed around trunking/conduit systems.

responsible for the installation the degree of urgency for	remedial action:
C1 Danger Present Risk of injury. Immediate remedial action required  C2 Potentially da Urgent remedia required	
Immediate remedial action required for items:	25
Urgent remedial action required for items:	26, 27, 29, 34
Improvement recommended for items:	28, 30, 31, 32, 33
Further investigation required for items:	N/A

		installation (in t							
1.7		ge 2 for details.							
o DECLA	RATION								
I/We, being	the person(	s) responsible fo	r the insp	ection and	testing of the ele	ectrical instal	lation (as	s indicated by my	our/
signatures belo	ow), particu	lars of which are	described	above, h	aving exercised r this report, includ	easonable sk	ill and ca	re when carrying	out the
provides an ac in section 4 of	curate asse	ssment of the co	ndition of	the electr	ical installation ta	iking into acc	count the	stated extent an	d limitations
Trading Title:	E								
Address:	1						lumber		
	F								
	V						mber:		
	ECTION, TE	STING AND AS							
Name:		Posit	ion:	Electric	cian Signa	iture:		Date:	21/05/2020
					NG ARRANGE				
Earthing Arrangements		ber and Type of L			- 1	Supply Parar	neters	Supply Protect	tive Device
TN-S ✓	1-phase	ac: ✓ N/A 1-phase	do		U U	: 400 V Uo	230 V	BS(EN): 1361	Fuse HBC
TN-C-S N/A	(2 wire): 2-phase	N/A (3 wire):	N/A 2		Nominal fre	eauency, f:	50 Hz	Type:	2
TNC N/A	(3 wire): 3-phase	N/A 3-phase		pole: N/A	Prospective		1 05 kA	Pated current	
	(3 wire):	N/A (4 wire):		her: N/A	current, lpf			Rated current: Short-circuit	100 A
TT N/A	Other:		N/A		loop imped		0.19 Ω	capacity:	33 kA
IT N/A	Confirmat	ion of supply pol	arity:	✓	Number of	supplies:	2	1	
11 PARTIC	CULARS C	F INSTALLA	TION	REFERR	ED TO IN TH	E CERTIF	ICATE		
Means of Eart Distributor's	hing		Deta	ils of Insta	Illation Earth Elec	trode (where	applicab	le)	
facility:	<b>√</b>	Type:		N/A	Location:			N/A	
Installation earth electrode	N/A	Resistance to Earth:	N/A	Ω	Method of measuremer	nt:		N/A	
Maximum Dema	and (Load):	60 Amps	Protec	tive meas	ure(s) against ele	ectric shock:		ADS	
		/ Circuit-Breaker							
Type	47-3 Isolat			100	Supply conductors			main switch: residual	N/A mA
Number		Fuse/devic			material:	Copper		ing current (IΔn):	
of poles: 3	,	or setting:		100 /	Supply	25 mm <sup>2</sup>		time delay:	N/A ms
		Voltage rat	ing:	240	conductors csa:	20 111111		red operating at I∆n):	N/A ms
		ding Conductors				of extraneou		live parts	
Earthing conduc Conductor	POR SERVICE AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS	een. 40	Conne 2 contir	ection/ nuitv	, pipes:	installation	1	To gas installat pipes:	tion 🗸
material:	Copper		verifie	ed:	To oil ins	tallation	N/A	To lightning protection:	N/A
Main protective Conductor	bonding cor			ection/	pipes:	u unal		To other service	
material:	Copper	csa: 10 mr	n <sup>2</sup> contir verifie		/ To struct steel:	urai	N/A	N/A	4
his form is base	ed on the m	odel shown in Ap							Page: 5 of 30

Item	Description	Comment	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECT	ION ONLY)	
1.1	Service cable	N/A	✓
1.2	Service head	N/A	✓
1.3	Earthing arrangements	N/A	✓
1.4	Meter tails	N/A	✓
1.5	Metering equipment	N/A	✓
1.6	Isolator (where present)	N/A	N/A
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWI	TCHED ALTERNATIVE SOURC	ES
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	N/A
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	✓
3.1.3	Adequacy of earthing conductor connections (542.3.2)	N/A	✓
.1.4	Accessibility of earthing conductor connections (543.3.2)	N/A	✓
.1.5	Adequacy of main protective bonding conductor sizes (544.1)	N/A	✓
1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	✓
.1.7	Accessibility of all protective bonding connections (543.3.2)	N/A	✓
1.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	✓
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	✓
4.0	OTHER METHODS OF PROTECTION (where any of the methods listed provided on separate sheets)	ed below are employed detail	s should be
4.1	Non-conducting location (418.1)	N/A	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A	N/A
4.3	Electrical separation (Section 413; 418.3)	N/A	N/A
4.4	Double insulation (Section 412)	N/A	N/A
4.5	Reinforced insulation (Section 412)	N/A	N/A
5.0	DISTRIBUTION EQUIPMENT		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	✓
5.2	Security of fixing (134.1.1)	N/A	✓
5.3	Condition of insulation of live parts (416.1)	N/A	✓
5.4	Adequacy/security of barriers (416.2)	N/A	✓
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	✓
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	N/A	✓
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	N/A	✓
5.8	Presence and effectiveness of obstacles (417.2)	N/A	✓
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	N/A	✓
ITCOM cceptal	ole Unacceptable Improvement Further	Not verified N/V Limitation LIM	Not N/A

Item	Description		Comment	Outcome
5.10	Operation of main switch(es) (functional check) (643.10)	N/A		<b>√</b>
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A		<b>√</b>
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	N/A		<b>√</b>
5.13	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A		✓
5.14	RCD(s) provided for additional protection/requirements, where required - includes RCBOs (411.3.3; 415.1)	N/A		<b>√</b>
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	N/A		<b>√</b>
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	N/A		✓
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	N/A		✓
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	N/A		✓
5.19	Presence of next inspection recommendation label (514.12.1)	N/A		✓
5.20	Presence of other required labelling (please specify) (Section 514)	N/A		✓
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		<b>√</b>
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A		✓
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	N/A		✓
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A		✓
6.0	DISTRIBUTION CIRCUITS			
6.1	Identification of conductors (514.3.1)	N/A		✓
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A		✓
6.3	Condition of insulation of live parts (416.1)	N/A		✓
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A		✓
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A		✓
6.6	Cables correctly terminated in enclosures (Section 526)	N/A		✓
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure	N/A		✓
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	N/A		✓
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A		C2
5.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A		✓
5.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A		✓
5.12	Coordination between conductors and overload protective devices (433.1; $533.2.1$ )	N/A		C2
ITCON cceptal onditio	ole Unacceptable Improvement Further	Not verified	N/V Limitation LIM a	Not pplicable N/A

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Item	Description	Cammant	0
		Comment	Outcom
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	N/A	✓
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	N/A	C3
6.15	Cables concealed under floors, above ceilings, in walls/partitions partitions containing metal parts:	less than 50mm from a su	urface, and in
5.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	N/A	✓
5.15.2	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	✓
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	✓
6.17	Band II cables segregated/separated from Band I cables (528.1)	N/A	✓
6.18	Cables segregated/separated from non-electrical services (528.3)	N/A	✓
6.19	Condition of circuit accessories (651.2)	N/A	✓
6.20	Suitability of circuit accessories for external influences (512.2)	N/A	✓
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	✓
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	<b>√</b>
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	N/A	✓
6.24	General condition of wiring systems (651.2)	N/A	✓
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	✓
7.0	FINAL CIRCUITS		
7.1	Identification of conductors (514.3.1)	N/A	✓
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	✓
7.3	Condition of insulation of live parts (416.1)	N/A	✓
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	✓
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	✓
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	✓
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	✓
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	✓
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	✓
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	✓
7.11	Cables concealed under floors, above ceilings, in walls/partitions, (522.6.201; 522.6.202; 522.6.203; 522.6.204):	adequately protected aga	inst damage
	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)	N/A	✓
	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	✓
JTCOM cceptab		Not	Not ;

Item	Description	Comment	Outcome
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	C2
	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	N/A	C2
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *	N/A	C3
'.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *	N/A	C2
.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) $\ast$	N/A	C2
	$\ensuremath{^{*}}$ Note: Older installations designed prior to BS 7671:2018 may not have protection.	been provided with RCDs for additional	
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	✓
7.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	✓
7.15	Cables segregated/separated from non-electrical services (528.3)	N/A	✓
7.16	Termination of cables at enclosures – identify/record numbers and 526):	d locations of items inspected (Sect	ion
.16.1	Connections under no undue strain (526.6)	N/A	✓
.16.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	<b>√</b>
16.3	Connections of live conductors adequately enclosed (526.5)	N/A	✓
.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	✓
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	N/A	✓
7.18	Suitability of accessories for external influences (512.2)	N/A	✓
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	✓
8.0	ISOLATION AND SWITCHING		
8.1	Isolators (Sections 460; 537):		
.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)	N/A	✓
.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	N/A	✓
.1.3	Capable of being secured in the OFF position (462.3)	N/A	✓
.1.4	Correct operation verified (643.10)	N/A	✓
.1.5	Clearly identified by position and/or durable marking (537.2.6)	N/A	<b>√</b>
.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	N/A	✓
8.2	Switching off for mechanical maintenance (Section 464; 537.3.2):		
.2.1	Presence and condition of appropriate devices (464.1; 537.3.2)	N/A	<b>√</b>
	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	N/A	✓
2.3	Capable of being secured in the OFF position (462.3)	N/A	✓
2.4	Correct operation verified (643.10)	N/A	✓
.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	N/A	<b>√</b>
Tee			
TCOM ceptab onditio	le Troy Unacceptable Improvement Further	Not Not Verified N/V Limitation LIM Applica	

Item	Description	Comment	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)	N/A	✓
8.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A	✓
3.3.3	Correct operation verified (643.10)	N/A	<b>√</b>
3.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	N/A	C3
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	✓
3.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	N/A	✓
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
9.1	Condition of equipment in terms of IP rating etc (416.2)	N/A	✓
9.2	Equipment does not constitute a fire hazard (Section 421)	N/A	✓
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	N/A	✓
9.4	Suitability for the environment and external influences (512.2)	N/A	✓
9.5	Security of fixing (134.1.1)	N/A	✓
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	✓
9.7	Recessed luminaires (downlighters):		
.7.1	Correct type of lamps fitted (559.3.1)	N/A	✓
.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	✓
.7.3	No signs of overheating to surrounding building fabric (559.4.1)	N/A	✓
.7.4	No signs of overheating to conductors/terminations (526.1)	N/A	✓
0.0	LOCATION(S) CONTAINING A BATH OR SHOWER		
.0.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	N/A
0.2	Where used as a protective measure, requirements for SELV or PELV met $(701.414.4.5)$	N/A	N/A
.0.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	N/A
0.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A	N/A
0.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A	N/A
0.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	✓
0.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	✓
8.0	Suitability of current-using equipment for particular position within the location (701.55)	N/A	✓
1.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately	rately the results of particular in	nspections)
1.1		N/A	N/A
1.2		N/A	N/A
1.3		N/A	N/A
TCOM ceptab	ole Unacceptable Improvement Further	Not N/V Limitation LIM	Not applicable N/A

Dist	ribution board designation:		D	.B. 1	(Do	огт	an S	Smit	h)			Lo	catio	n:			Ele	ctric C	upbo	ard					
						condu	cult ictors: sa	ct time BS7671	Overcui	rent p		ve	RCD	BS7671		Circuit im	oedance	s (Ohms	)		nsulation esistance			P RC	D AFD
Circuit number and phase	Circuit designation		Type of wiring	Reference Method	Number of points served	Цvе	срс	Max disconne permitted by	BS(EN)	Type No	Rating		Operating current, IAn	Maximum Z <sub>S</sub> permitted by	(meas	Inal circui ured end i	r <sub>2</sub>	All cir (one co be com		Live - Live	Live - Earth	Test voltage	Polarity		Test button operation Test button
1L1	DB7 (Stage)		F	С	1	mm <sup>2</sup>	mm <sup>2</sup>	5	3871	2	40	10	mA N/A	Ω 0.78		(Neutral) N/A	(cpc)	0.29	N/A	MΩ N/A	MΩ > 200	v 500	1	Ω ms 0.48 N/A	V V
1L2	DB7 (Stage)		F	С	1	10	10	5	3871	2	40	10	N/A	0.78	N/A	N/A	N/A	0.29	N/A	N/A	> 200	500	<b>√</b>	0.48 N/A	N/A N//
1L3	DB7 (Stage)		F	С	1	10	10	5	3871	2	40	10	N/A	0.78	N/A	N/A	N/A	0.29	N/A	N/A	> 200	500	✓	0.48 N/A	N/A N//
2L1	DB2 (Electric Cupboard	)	Α	С	1	16	16	5	3871	2	40	10	N/A	0.78	N/A	N/A	N/A	0.10	N/A	N/A	> 200	500	√	0.29 N/A	N/A N/
2L2	DB5 (Electric Cupboard	)	Α	С	1	16	16	5	3871	2	63	10	N/A	0,49	N/A	N/A	N/A	0.19	N/A	N/A	> 200	500	1	0.38 N/A	N/A N/
2L3	DB6 (Electric Cupboard	)	Α	С	1	25	25	5	3871	2	63	10	N/A	0.49	N/A	N/A	N/A	0.09	N/A	N/A	> 200	500	<b>√</b>	0.27 N/A	N/A N/
3L1	DB8 (Stage)		F	С	1	16	16	5	3871	2	40	10	N/A	0.78	N/A	N/A	N/A	0,19	N/A	N/A	> 200	500	<b>√</b>	0.38 N/A	N/A N/A
3L2	DB9 (Corridor Behind S	tage)	Α	С	1	16	10	5	3871	2	63	10	N/A	0.49	N/A	N/A	N/A	0.26	N/A	N/A	> 200	500	✓	0.45 N/A	N/A N/A
3L3	DB4 (Electric Cupboard (Boiler Room)	)+ DB10	Α	С	1	16	16	5	3871	2	63	10	N/A	0.49	N/A	N/A	N/A	0.11	N/A	N/A	> 200	500	✓	0.30 N/A	N/A N/A
CODE	S FOR Thermoplastic	Thermoplastic cables in			C rmopla ables i				D moplastic bles In			E mopli			F Thermo			<b>G</b> nosetting		H				O - Other	
CODE TYPI WIR	(Boiler Room)  S FOR Thermoplastic Insulated/sheathed cables  SOARD CHARACTERILIES WHEN THE BOARD	Thermoplastic cables in metallic conduit.		The converse	C rmopla ables i stallic	estic In condult	RIG	Then ca metall	D moplastic bles in ic trunking	L	Ther ca nonmet	E moplables allic t	astic In trunkin	9		olastic	Therm	G		н	al	300			IN/A I
	to this distribution board is irrent protective device					rgin.					of ph	ases	s:	N/A	N	ominal			Conf	irmatio	n of sup		olarit	y:	<b>√</b>
	distribution circult:	BS(EN):				N/A N/A					ting: of po	les:		N/A N/A	A V	oltage: ating:	N/A	mA		onnection	on.	9Ω \ms		f: sconnection ne at 5in:	1.09 k
	ETAILS OF TEST IN			05.30	cot r	su ma b	arc).																		
	unctional:	4082			3611	IUIIID			ion resis	tance	e:				40	82521			Co	ntinuity	/:		4	082521	
irth e	electrode resistance:	4082	2521	1			Ea	irth f	ault loop	imp	edano	e:			40	82521			RC					082521	
οТ	ESTED BY													T										-	
_																									

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

(a. 544)

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Dist	fibution board designation:		).B.	1 (Do	orm	an S	Smit	h)			Lo	catio	n:			Ele	ctric C	upbo	ard						
					condu	cuit setors;	by 8S7671	Overcu	Tent p device		ve	RCD	BS7671		Circuit im	pedance				Insulation resistance			paine	RO	D AF
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live mm2	cpc mm <sup>2</sup>	Max discorpermitted	BS(EN)	Type No	Rating 4	S Capacity	Dperating Surrent, IAn	D permitted by B	(measi	nal circui ired end <sup>r</sup> n (Neutral)	to end)	All cir (one co be com	lumn to pleted)	PAI - PAI C	Σ Live • Earth	< Test voltage	- Polarity	Maximum meas C earth fault loop impedance Zs	Disconnection stime	Test button operation Test button
4L1	DB11 (John De Bohan Store)+ DB14 (Corridor John De Bohan)	F	С	1	25	25	5	3871	2	63	10	N/A	0.49		N/A		0.12	N/A	N/A	> 200	500	1	0.31	N/A	N/A N
4L2	DB3 (Electric Cupboard)	Α	С	1	25	16	5	3871	2	63	10	N/A	0.49	N/A	N/A	N/A	0.11	N/A	N/A	> 200	500	✓	0.30	N/A	N/A N
4L3	DB12 (Fire Alarm)	F	С	1	16	16	0.4	3871	2	10	10	N/A	3.13	N/A	N/A	N/A	0.09	N/A	N/A	> 200	500	✓	0.27	N/A	N/A N
ODES	FOR Thermoplastic Thermoplast		The	C ermopla	ıstlo		Then	D noplastic	1	Ther	2	lastic		F			G		н				0 - Ot	ner-	
TYPE	OF insulated/sheathed cables in			ables i	n		ca	bles in c trunking		ca	bles	ln		Thermop			nosetting A cables		Minera isulated o				N/A	<b>V</b>	

DIST	ribution	board designation	:		D.I	B. 2	· Common	eller	г)				Loc	atlo	n:			Ele	ctric C	Cupbo	ard						
							Circ condu	ctors:	CT UM6	Overcum d	ent pro		re	RCD	857671		Circuit im	pedance	ıs (Ohms	()		insulation esistence			pauc	RC	D 'AFD
Circuit number and phase		Circuit designati	on	Type of wiring	Reference Method	the state	Live	срс	Ag po	S(EN)	Type No	A Rating		Operating F current, Idn	A yelmitted by 8	(meas	final circui jured end fn (Neutral)	to end)	All cir (one co be com	lumn to pleted)	D Live - Live	D Live - Earth	< Test voltage	A Polarity	Maximum measured C) earth fault loop Impedance 2s	Disconnection	Test button Test button
1	Lights	(Car Park)		F	D	7	2.5	2.5 (	0.4 6	0898	С	16		30	1.37			N/A	49.7	N/A	N/A	> 200		1			✓ N//
2	Lights	(Pathway)		F	D	7	2.5	2.5 (	0.4 6	0898	С	16	10	30	1.37	N/A	N/A	N/A	14.2	N/A	N/A	> 200	250	✓	14.49	<del>3</del> 44	✓ N//
3	Spare	3																									
						c													•		٠				0 - 01		
CODE TYPI WIR		Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit		Thern cab	iles in			D Thermos cable netallic tr	S (r)	nç		E mopla- bles ir allic tro	n .		F Thermo /SWA c			<b>G</b> nosetting A cables		H Minera nsulated o				o - ot N//		
APP Supply	OARD LIES W to this	insulated/sheathed	cables in metallic conduit		cab nonmeta	oles in silic co DB1	induit IE OI 1/2L:	RIGI	cables netallic to N OF 1	s in runking	ISTA	cat pointed LLAT of pha	bles in silic tr	n unkin		/SWA C		/SW	nosetting	in	Mineral Assoluted of	n of sup	ıply p 29 Ω	Ip	N//	A	√ 1.05 k
APP Supply	OARD LIES W to this	D CHARACTER HEN THE BOARD distribution board rotective device	cables in metallic conduit		cab nonmeta TED TO	DB1	induit IE OI 1/2L:	RIGI	cables netallic to N OF 1	s in runking	No c	cat pointed LLAT of pha	TION	n unkin	1	/SWA C	ables	/SW	nosetting A cables	Confi	Mineral or sulated of	n of sup		Ip D	N/A	A	- 1
APPI Supply Overcu or the	OARD LIES W to this irrent pr distribu	cables  CHARACTER  THEN THE BOARD  distribution board  rotective device ution circuit:  LS OF TEST III	cables in metallic conduit  ILSTICS DIS NOT CONI is from: BS(EN): BS(EN): NSTRUMEN	NECT	cab nonmeta <b>FED TC</b> 3871	D TH DB1 MC	ilE OI 1/2L: B - T	RIGII 2 Type	cables netallic to N OF 1	s in runking	No c	cat prometa LLAT of pha ng:	TION	n unkin	1 63	/SWA C	ables Iominal 'oltage:	/sw	nosetting A cables	Confi	Mineral or sulated of	n of sup	29 Ω	Ip D	N//	A	1.05 k
APP Supply Overcu or the RCD	OARD LIES W to this irrent pr distribu	O CHARACTER THEN THE BOARD distribution board rotective device ution circuit:  LS OF TEST In set Instruments use	cables in metallic conduit SISTICS IS NOT CONI is from: BS(EN): BS(EN): BS(EN): NSTRUMEN ed (state serial	NECT	Cab nonmeta CED TC 3871	D TH DB1 MC	ilE OI 1/2L: B - T	RIGIO 2 Type ers):	cable: netallic tr	s in runking	No c	cal primeta LLAT of pha ng:	TION	n unkin	1 63	A N	ables Iominal 'oltage:	231 N/A	nosetting A cables	Confi	Mineral or substant of contraction on nection at in:	n of sup	29 Ω	lp D ti	N/A lty: of: ofsconn me at	A ection Sin:	1.05 k
APP Supply Overcu or the ACD Detail	OARD LIES W to this irrent pr distribu	O CHARACTER THEN THE BOARD distribution board rotective device ution circuit:  LS OF TEST In set Instruments use	cables in metallic conduit  EISTICS  DIS NOT CONI Is from:  BS(EN):  BS(EN):  NSTRUMEN  ed (state serial  408	NECT	cab nonmeta TED TO 3871	D TH DB1 MC	ilE OI 1/2L: B - T	RIGIO 2 Type ers): Ins	cablemetallic to  N OF 1	s in nunking THE IN	No co	LLAT of pha ng:	rion ases	n unkin	1 63	A N R	lominal lottage: ating:	231 N/A	nosetting A cables	Confi	Mineral solution of the control of t	n of sup	29 Ω	Ip D ti	N/A lity: of: blisconn me at	A ection Sin:	1.05 k
APPI Supply Overculor the RCD Detail	OARD LIES W to this irrent pr distribu	D CHARACTER THEN THE BOARD distribution board rotective device ation circuit:  LS OF TEST In est Instruments use ai: e resistance:	cables in metallic conduit  EISTICS  DIS NOT CONI Is from:  BS(EN):  BS(EN):  NSTRUMEN  ed (state serial  408	TS and/	cab nonmeta TED TO 3871	D TH DB1 MC	ilE OI 1/2L: B - T	RIGIO 2 Type ers): Ins	cablemetallic to  N OF 1	s in nunking THE IN	No co	LLAT of pha ng:	rion ases	n unkin	1 63	A N R	lominal olitage:	231 N/A	nosetting A cables	Confi	Mineral solution of the control of t	n of sup	29 Ω	Ip D ti	N/A lty: of: ofsconn me at	A ection Sin:	1.05 k

92	SCHEDULE																										
Dist	ribution board i	designation:			D.	В. 3	(Ha	iger)	)				Lo	catio	1:			Ele	ctric C	upboa	ard						
L					0		Circ conduc esi	ult tors:	nnect time by BS7671	Overcur	rent p device		/e	RCD	857671		Circuit im	pedance				nsulation esistance			pains	RCI	AFD!
Circuit number and phase	CI	Elrcuit designation		Type of wiring	e e	ភ	⊔ve	срс -	Max disconnec permitted by B	BS(EN)	Type No	Rating	Capadty	Operating current, IΔn	Maximum Z <sub>S</sub> permitted by B		final circui sured end		All cir (one col be comp	umn to	Live - Live	Live - Earth	Test voltage	Polarity	Maximum measur earth fault loop impedance Zs	Disconnection	operation Test button
i) ja				2	2 Z	<u>8</u>	nm <sup>2</sup>		s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	мΩ	v	1	Ω	ms	1 1
1	Spare																										N/A
2	Lights (Main	n Hall)		Α	С	5	1.5	1.5	0.4	60898	В	6	6	N/A	7,28	N/A	N/A	N/A	1.32	N/A	N/A	> 200	500	✓	1.62	N/A N	N/A N/A
3	Lights (Main	Hall)		Α	С	8	1,5	1.5	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	1.50	N/A	N/A	> 200	500	✓	1.80	N/A N	N/A N/A
4	Lights (Emer	rgency Main	Hall)	Α	С	8	1.5	1.5 (	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	1.30	N/A	N/A	> 200	500	✓	1,60	N/A I	N/A N/A
5	Lights (Main	Hall)		Α	C 1	10	1.5	1,5	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	1.22	N/A	N/A	> 200	500	✓	1.52	N/A N	N/A N/A
6	Lights (Main	n Hall)		Α	C 1	16	1.5	1.5 (	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	1.05	N/A	N/A	> 200	500	1	1.35	N/A t	I/A N/A
ТУР	E OF insulate	ed/sheathed	Thermoplastic cables in		Therm cab	les In			Therm	D oplastic les in			bles	ln		F Thermo	plastic		<b>G</b> nosetting A cables	in	H Minera sulated c				<b>o</b> - <b>o</b> ti		
TYP	E OF insulate	rmoplastic red/sheathed cables	cables in netallic conduit	n	Therm	noplas des In			Therm	oplastic	r		mapl bles	ln		Thermo	plastic		nosetting	in	Minera						
APP	BOARD CHA	ARACTERIS THE BOARD IS	cables in netallic conduit THICS NOT CONN		Therm cab	noplas oles in ollic co	nduit	RIGI	Therm cab metallic	ioplastic les in trunking	NSTA	ca ionmeti	moples allic t	in trunkin N		Thermo	plastic		nosetting		Minera sulated c		oply po	olari	N/A		<b>√</b>
APP Supply	BOARD CHA LIES WHEN TO to this distribu	ARACTERIS THE BOARD IS ution board is ve device	cables in netallic conduit THICS NOT CONN	ECT	Therm cab	noplas oles in ollic co	E OI	RIGI	Therm cab metallic	ioplastic les in trunking	NSTA No	ca conmet	moples allic t	in trunkin N	1	/SWA c	plastic ables	/SW	nosetting		Minera sulated c	n of sup	pply po 30 Ω	olari <sup>.</sup>	N/A		√ 1.20 kg
APP Supply	BOARD CHA	ARACTERIS THE BOARD IS ution board is inversely to the service in	cables in metallic conduit STICS NOT CONN from:	ECT	Therm cab	DB1	E OI	RIGI	Therm cab metallic	ioplastic les in trunking	NSTA No Rat	ca conmeta ALLA of ph	moples allic t	in trunkin N S:	1	A N	plastic ables	/SW	nosetting A cables	Confi	Minera sulated d rmation	n of sup		lp D	N/A	ection	1.20 k
APP Supply Overcu for the	BOARD CHA LIES WHEN TO to this distribution cir DETAILS OF	ARACTERIS THE BOARD IS ution board is ve device ircuit:  E  F TEST INS	cables in metallic conduit  STICS S NOT CONN from: SS(EN): SS(EN): TRUMENT	ECT	Therm cab commeta	D TH DB1	E OI  /4L2  B - 7	RIGI 2 Type	Therm cab metallic	ioplastic les in trunking	NSTA No Rat	ca conmete ALLAT of ph ing:	moples allic t	in trunkin N S:	1 63	A N	plastic rables lominal	/sw	nosetting A cables	Confi	Minera sulated d rmation	n of sup	30 Ω	lp D	N/A	ection	1.20 k
APP Supply Overcu for the RCD Deta	E OF insulate ting of the control of	ARACTERIS THE BOARD IS ution board is ve device ircuit:  E  F TEST INS	cables in metallic conduit  STICS S NOT CONN from: SS(EN): SS(EN): TRUMENT	S and/o	Therm cab commeta	D TH DB1	E OI  /4L2  B - 7	RIGI 2 Type	Therm cab metallic	ioplastic les in trunking	NSTA No Rat No	of ph	moples allic t	in trunkin N S:	1 63	A N	plastic rables lominal	23 N/A	nosetting A cables	Confin Zs: Disco time	Minera sulated d rmation	n of sup	30 Ω	lp D tir	N/A	ection	1.20 k
APP Supply Overcu for the RCD Deta Multi-fi	SOARD CHA LIES WHEN To to this distribu- urrent protective distribution cir  DETAILS OF	mmoplastic ed/sheathed cables  ARACTERIS THE BOARD IS utilition board is to be device errouit:  ETEST INS Truments used	cables in metallic conduit STICS S NOT CONN from: SS(EN): SS(EN): TRUMENT (state serial :	<b>S</b> and/c	Therm cab commeta	D TH DB1	E OI  /4L2  B - 7	RIGI 2 Type ers):	N OF	oplastic les in trunking	NSTA No Rat No	ca conmet MLLAT of ph ing: of po	mophibles affict trio	in trunkin N S:	1 63	A N N R	plastic ables lominal 'oltage: ating:	231 N/A	nosetting A cables	Confin Zs: Disco time	Minera sulated of rmation nnection at in:	n of sup	30 Ω	Ip Di tir	N/F ty: if: isconne me at 5	ection sin:	1.20 k
APP Supply Overcu for the RCD Deta Multi-fi Earth 6	BOARD CHA LIES WHEN TI to this distribu- urrent protectiv distribution cir  DETAILS OF alis of Test Instructional: electrode resistr	mmoplastic ed/sheathed cables  ARACTERIS THE BOARD IS ution board is to the device incuit:  E  F TEST INS ruments used tance:	cables in metallic conduit  TICS S NOT CONN from: SS(EN): SS(EN): TRUMENT (state serial: 4082	S and/o 2521 2521	Therm cab commeta	D TH DB1 MC	E OI  /4L2  B - 7	RIGI 2 Type ers):	N OF	oplastic les in trunking	NST# No Rat No tance	ca conmet MLLAT of ph ing: of po	mophibles affict trio	in trunkin N S:	1 63	A N N R	plastic lominal foltage: lating:	231 N/A	nosetting A cables	Confliction Confliction	Minera sulated of rmation nnection at in:	n of sup	30 Ω	Ip Di tir	N/F ty: if: isconne me at 5	ection sin:	1.20 k

DISC	ibution board designation:				D.B.	5 (W	/ylex)				Lo	catio	n:			Ele	ectric C	upbo	ard						
						condu	cult ictors:	11.9758 Overc	urrent p		ive	RCD	857671		Circuit im	pedance	es (Ohms	)		nsulation esistance			pau	RC	D AFD
Circult number and phase	Circuit designation		Type of wirlng	Reference Method	Number of points served	Live mm <sup>2</sup>	chc decreed	A BS(EN)	Type No	A Rating	A Capacity	Operating current, Ich	Maximum Z <sub>≤</sub> permitted by 89	(meas	final circu sured end r <sub>n</sub> (Neutral)	to end)	All cir (one col be com	umn to	D Live - Live	ω Lve - Earth	< Test voltage	Polarity .	Maximum measur C earth fault loop impedance 2s	Disconnection in time	Test button Test button
1	Spare													(=)	(Hada al	(			7.162				14	11112	
2	Spare																								
3	Lights (Upstairs,Loft)		Α	С	7	1.0	1.0 0	4 60898	В	6	10	N/A	7.28	N/A	N/A	N/A	LIM	N/A	> 200	> 200	500	<b>√</b>	LIM	N/A I	N/A N/
4	Lights (Understair Cupbo	oard)	Α	С	2	1.0	1.0 0	4 60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0,20	N/A	> 200	> 200	500	<b>√</b>	0.58	N/A I	N/A N/
5	Spare																								
6	Spare																								
7	Spare																								
8	Spare																								
9																									
	S FOR Thermoplastic	B Thermoniastic		The	. C	astir		D Thermonisstic		The	E	lastic		F			G		н				0 - Ott	her	
CODE	OF insulated/sheathed	B Thermoplastic cables in metallic conduit			C ermopla cables i etallic c	in		D Thermoplastic cables in etallic trunkin	,	, c	rmopl ables			F Thermoj /SWA c			<b>G</b> mosetting 'A cables		H Minera nsulated c				o - ou		
CODE TYP WIT APP	OARD CHARACTERIS LIES WHEN THE BOARD IS to this distribution board is	cables in metallic conduit STICS S NOT CON from:		reb '	tables i etallic o	HE O	RIGIN	Thermoplastic cables in etailic trunkin	NST.	ALLA of ph	mopl ables tallic t	in trunkin	1	/SWA C		/SW	mosetting 'A cables	Conf	Minera nsulated c	n of sup			N/A		<b>√</b>
APP Supply	OARD CHARACTERIS LIES WHEN THE BOARD IS to this distribution board is rrent protective device distribution circuit:	cables in metallic conduit STICS S NOT CON from: BS(EN):		reb '	TO T	in conduit HE O 31/2L CB -	RIGIN	Thermoplastic cables in etailic trunkin	NST / No Rai	ALLA of ph	moples tallic t	In trunkin DN :S:	1 63	A N	ables Iominal 'oltage;	/sw	mosetting A cables	Conf	Minera nsulated c	n of sup	8 Ω	lpi	N/A	1	1.19
APP upply vercu	OARD CHARACTERIS  Uses When THE BOARD IS  to this distribution board is  rrent protective device distribution circuit:	cables in metallic conduit STICS S NOT CON from: BS(EN): BS(EN):	NECI	reb '	TO T	HE O	RIGIN	Thermoplastic cables in etailic trunkin	NST / No Rai	ALLA of ph	moples tallic t	In trunkin DN :S:	1	A N	<sub>ables</sub>	/sw	mosetting 'A cables	Conf Zs: Disco	Minera nsulated c	n of sup		lpi Di	N/A	ection	1.193
APP upply vercuor the	OARD CHARACTERIS LIES WHEN THE BOARD IS to this distribution board is rrent protective device distribution circuit:	cables in metallic conduit STICS S NOT CON from: BS(EN): BS(EN): STRUMEN	NECT	7 <b>ED</b> 387	TO TO DE	in conduit HE O B1/2L CB - N/A	RIGIN 2 Type	Thermoplastic cables in etailic trunkin	NST / No Rai	ALLA of ph	moples tallic t	In trunkin DN :S:	1 63	A N	ables Iominal 'oltage;	/sw	mosetting A cables	Conf Zs: Disco	Minera nsulated c	n of sup	8 Ω	lpi Di	N/A	ection	1.19
APP upply vercur the	OARD CHARACTERIS LIES WHEN THE BOARD IS to this distribution board is rrent protective device distribution circuit:  ETAILS OF TEST INS	cables in metallic conduit STICS S NOT CON from: BS(EN): BS(EN): STRUMEN (state serial	NECT	TED 387	TO TO DE	in conduit HE O B1/2L CB - N/A	RIGIN 2 Type:	Thermoplastic cables in etailic trunkin	No Rai No	ALLA of ph ting:	moples tallic t	In trunkin DN :S:	1 63	A N R	ables Iominal 'oltage;	23- N/A	mosetting A cables	Conf Zs: Disco	Minera nsulated c	of sup	8 Ω	lpi Di tin	N/A	ection	1.193
APP upply vercu	OARD CHARACTERIS LIES WHEN THE BOARD IS to this distribution board is rrent protective device distribution circuit:  ETAILS OF TEST INS ils of Test Instruments used	cables in metallic conduit STICS S NOT CON from: BS(EN): BS(EN): STRUMEN (state serial	NECT	TED 387	TO TO DE	in conduit HE O B1/2L CB - N/A	ers):	Thermoplastic cables in etailic trunkin	No Rai No stance	ALLA of ph ting: of po	TTO nase	In trunkin DN :S:	1 63	A N R	ables Iominal 'oltage: ating:	23: N/A	mosetting A cables	Conf Zs: Disco	Mineral control of the control of th	of sup	8 Ω	lpi Di tin	N/A	ection iln:	1.193
CODE TYP WIF  APP  Supply Overcu for the RCD  Deta  dulti-fi	OARD CHARACTERIS LIES WHEN THE BOARD IS to this distribution board is rrent protective device distribution circuit:  ETAILS OF TEST INS lis of Test Instruments used unctional: lectrode resistance: ESTED BY	cables in metallic conduit STICS S NOT CON from: BS(EN): BS(EN): STRUMEN (state serial	TS and/ 3252	TED 387	TO T	in conduit HE O B1/2L CB - N/A	ers):	thermoplastic cables in etailic trunking in of the 1	No Ral No stance	ALLA of ph ting: of po	TTO nase	In trunkin	1 63	A N V R 4(	lominal foltage: ating:	23: N/A	mosetting A cables	Confi Zs: Disco time	Mineral control of the control of th	of sup	8 Ω	Ipi Di tin 41	N/A  f: sconne ne at 5  08252	ection iln:	N

Dist	ribution board designatio	n:			D.B.	4 (V	/ylex	)				Lo	catlo	n:			Ele	ctric C	upbo	ard						
<u> </u>				9		condu	cult ictors:	t tme 357671	Overcur	rrent pr devices		ve	RCD	BS7671		Circuit im	pedance	7 2000 10			nsulation esistance			measured loop Zs	RCI	D AFD
Circuit number and phase	Circuit designal	don	Type of wining	Reference Method	Number of points served	Live	cpc	Max disc permitte	BS(EN)	Type No	> Rating	₹ Capacity	9 Operating	Maximum Z <sub>s</sub>	Ring (meas	final circul sured end rn (Neutral)	r <sub>2</sub>	All cir (one con be com	umn to	D Live - Live	Σ Live - Earth	< Test voltage	< Polarity	Maximum mea: D earth fault loop impedance 2s	Disconnection time	Test button aperation Test button
1	Ladies & Disabled Ha	nd Dryer	Α	С	2	2.5	1.5	0.4	3036	2	15	4	N/A	2.43	N/A	N/A		0.33	N/A	N/A	> 200	500	1			N/A N
2	Mens Toilet Hand dry	er	Α	С	1	2.5	1.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	0.51	N/A	N/A	> 200	500	1	0.71	N/A	N/A N/
3	Doorbell, Contactor in cupboard, Boiler	upstairs	Α	С	1	1.5	1.0	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	> 200	500	✓	0.32	N/A I	N/A N/
4	Sockets (Spurs in cup	board)	Α	С	5	6	2.5	0,4 6	60898	В	30	10	N/A	1.46	N/A	N/A	N/A	0.31	N/A	N/A	> 200	500	1	0.61	N/A I	N/A N/
CODE: TYP: WIR	OF insulated/sheathed ING cables	B Thermoplastic cables in metallic conduit			C ermopla cables i etallic c	n	57 JU	Thermo	D oplastic les in trunking	ne	C	farmopli ables tallic t			F Thermop /SWA c			<b>G</b> nosetting A cables		H Minera sulated c				o - os		
WIR	OARD CHARACTER LIES WHEN THE BOAR	Thermoplastic cables in metallic conduit RISTICS D IS NOT CON	NEC	nonm	cables intallic c	n conduit HE O		Thermo cable netallic	oplastic les in trunking	NSTA	onmet	ables tallic t	in zunkin N	g				nosetting	in	Minera sulated c	ables			N/		
APPI Supply	OARD CHARACTER LIES WHEN THE BOARD to this distribution board rrent protective device	Thermoplastic cables in metallic conduit RISTICS D IS NOT CON	NEC	red	rables li	n conduit HE O OB1		Thermo cable metallic	oplastic les in trunking	NSTA No d	onmet	ables tallic t	in zunkin N	1	/SWA G	ables ominal	/SW	nosetting A cables	Confl	Minera sulated c	ables n of sup			N/i		√ 1.251
APPI Supply Overcu or the	open insulated/sheathed cables  OARD CHARACTEI LIES WHEN THE BOARI to this distribution board rrent protective device distribution circuit:	Thermoplastic cables in metallic conduit RISTICS D IS NOT CON Ils from: BS(EN): BS(EN):		red	TO TI	n conduit HE O OB1	RIGI	Thermo cable metallic	oplastic les in trunking	NSTA No d Rati	onmet	TIO	in runkin N s:	1	A N	ables	/SW	nosetting A cables	Confl.	Minera sulated co rmation	n of sup	ply po 60 Ω Ams	lp Di	N/i	A	1.25
APPI Supply Overcu for the	open insulated/sheathed cables  OARD CHARACTER LIES WHEN THE BOARI to this distribution board remains protective device distribution circuit:  ETAILS OF TEST I	Thermoplastic cables in metallic conduit  RISTICS  D IS NOT CON Ils from:  BS(EN):  BS(EN):  NSTRUMEN	TS	red 387	TO TI	n conduit HE O OB1 CB -	<b>RIGI</b> Type	Thermo cable metallic	oplastic les in trunking	NSTA No d Rati	LLA of ph	TIO	in runkin N s:	1 63	A N	ominal	/sw.	nosetting A cables	Confi	Minera sulated co rmation	n of sup	Ω 0	lp Di	N/i ty: of:	A	1.25
APPI Supply Overcu or the	open insulated/sheathed cables  OARD CHARACTEI LIES WHEN THE BOARI to this distribution board rrent protective device distribution circuit:	Thermoplastic cables in metallic conduit  RISTICS DIS NOT CON Ils from: BS(EN): BS(EN):  NSTRUMEN ied (state serial	TS	TED 387	TO TI	n conduit HE O OB1 CB -	RIGIO Type ers):	Thermo cable netallic	oplastic les in trunking	NSTA No d Rati	LLA of ph ing:	TIO	in runkin N s:	1 63	A N R	ominal	/sw.	nosetting A cables	Confli Zs: Disco	Minera sulated co rmation	n of sup 0.3	Ω 0	lp Di tir	N/i ty: of:	A ection 5In:	1.25
APPI Supply Overcu or the CD Detail	open insulated/sheathed cables  OARD CHARACTEI LIES WHEN THE BOARI to this distribution board rrent protective device distribution circuit:  ETAILS OF TEST I Is of Test Instruments us	Thermoplastic cables in metallic conduit SISTICS D IS NOT CON I Is from: BS(EN): BS(EN): NSTRUMEN Add (state serial	TS and/	387 or a:	TO TI	n conduit HE O OB1 CB - N/A	RIGIO Type ers): Ins	Thermo cable netallic	oplastic les in trunking	NSTA No c Rati No c	LLA' of ph ing: of po	TIO	in runkin N s:	1 63	A N V R	ominal oltage: ating:	/sw.	nosetting A cables	Confli Zs: Disco	Minera sulated co rmation nnectic at in:	n of sup 0.3	Ω 0	ip Di tir	N/, ity: of: elsconn me at .	ection Sin:	1.25
APPI Supply Overcu or the CD Detai fulti-fu	OARD CHARACTEI LIES WHEN THE BOARI to this distribution board rent protective device distribution circuit:  ETAILS OF TEST I is of Test Instruments us unctional: lectrode resistance: ESTED BY	Thermoplastic cables in metallic conduit SISTICS D IS NOT CON I Is from: BS(EN): BS(EN): NSTRUMEN Add (state serial	TS and/ 3252 3252	387 or a:	TO TI	n conduit HE O OB1 CB - N/A	RIGIO Type ers): Ins	netallic  N OF	oplastic les in trunking THE IN	NSTA No c Rati No c tance:	LLA' of ph ing: of po	TIO	in Trunkin N S:	1 63	A N V R 40	ominal oltage: ating:	/sw.	nosetting A cables	Confil Zs: Disco time	Minera sulated co rmation nnectic at in:	n of sup 0.3	Ω 0	ip Di tir	N/A	ection Sin:	1.25 N/A n

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Dist	ribution board designation	:		- 1	D.B	6 (0	CED	)				Lo	catio	n:			Ele	ctric C	upbo	ard							
						condu	cult	nect time by BS7671	Overcur	rent p device		ve	RCD	BS7671		Circuit Im	pedance	s (Ohms	)		Insulation resistance			panne	RC	D	AFD
Circuit number and phase	Circuit designati	on	Type of wiring	Reference Method	Number of points served	⊔ve mm²	срс	Max discon permitted	BS(EN)	Type No	> Rating	₹ Capacity	Operating Current, Ich		(meas	inal circui ured end r <sub>n</sub> (Neutral)	r <sub>2</sub>	All cir (one col be com	umn to	3 Live - Live	Σ Live • Earth	< Test voltage	< Polarity	Maximum measu O earth fault loop impedance Zs	Disconnection dime	Test button operation	Test button
1	Sockets (Bar)		Α	С	5	2,5	1.5		61009	В	32	6	30	1.37	0.74	0.72	1,20	0.48	N/A	N/A	> 200	500	✓	0.75	11	✓	N/
2	Toilets Hand dryer		Α	С	1	2.5	1,5	0.4	61009	В	16	6	30	2,73	N/A	N/A	N/A	0.34	N/A	N/A	> 200	500	✓	0.61	13	✓	N/
3	Disabled Toilet Hand of	ryer	Α	С	1	2,5	1,5	0.4	61009	В	16	6	30	2,73	N/A	N/A	N/A	0.98	N/A	N/A	> 200	500	✓	1,25	16	<b>√</b>	N/
4	Lights (Bar,Store Cupt	oard)	Α	С	11	1.5	1.0	0.4	61009	В	6	6	30	7.28	N/A	N/A	N/A	0.91	N/A	N/A	> 200	500	1	1,18	17	✓	N/
5	Lights (Outside Toilets	external)	Α	С	4	1.5	1.5	0.4	60898	В	6	10	30	7,28	N/A	N/A	N/A	0.82	N/A	N/A	> 200	500	✓	1.09	N/A	N/A	N/A
6	Lights (Outside toilets)		Α	С	10	1.5	1,5	0.4	61009	В	6	6	30	7,28	N/A	N/A	N/A	2.29	N/A	N/A	> 200	500	✓	2.56	13	<b>√</b>	N/A
7	Sockets (Hall)		Α	С	5	2.5	1.5	0,4	61009	В	32	6	30	1,37	0.84	0.84	1.40	0.56	N/A	N/A	> 200	500	✓	0.83	15	<b>√</b>	N/
8	Sockets (Upstairs)		Α	С	4	2.5	1.5	0.4	61009	В	16	6	30	2.73	N/A	N/A	N/A	0,42	N/A	N/A	> 200	500	✓	0.69	14	✓	N/A
9	Sockets (Entrance)		Α	С	1	2.5	1.5	0.4	61009	В	16	6	30	2.73	N/A	N/A	N/A	0.31	N/A	N/A	> 200	500	✓	0.59	15	✓	N/A
TYP	S FOR Thermoplastic E OF Insulated/sheathed	B Thermoplastic cables in metallic conduit		ca	C mopla ables i			C	D moplastic ables in lic trunking	i,		E mopi ables tallic	In		F Thermop /SWA ca			<b>G</b> nosetting A cables		H Miner nsulated				o - oti			
APP	OARD CHARACTER LIES WHEN THE BOARD to this distribution board	IS NOT CON	IECT	ED T		HE 0		IN O	F THE II		ALLA of ph			1					Conf	ìrmatio	n of sup	ply po	olarii	ty:			<b>√</b>
	rrent protective device	BS(EN):		3871	1 M	CB -	Тур	e 2		Rat	ing:			63		ominal oltage:	23	o v	Zs:		0,2	27 Ω	lpi	f:		1.0	)5 k
RCD	distribution circuit.	BS(EN):				N/A				No	of po	les:		N/A		ating:	N/A	mA		onnecti at In:	on N/	A ms		isconne me at S		N/	A m
	ETAILS OF TEST IF			or acc	set r	umb	ers)																	ARISTO ALI			
	unctional:		2521	<u> </u>	JCC 1		,		ion resis	tance	e:				40	82521			Co	ntinuit	y:		4	08252	<u>!</u> 1		
arth e	electrode resistance:	408	2521				E	arth f	ault loop	imp	edan	ce:			40	82521			RC	D:			4	08252	:1		
T	ESTED BY																										
Name	e:		Po	sition	1			F	lectricia	n				Signa	turo:							Dat		24	/05/2	วกวก	1

Distr	ibution board designation:			D.B	. 6 (0		)				Lo	catio	n:			Ele	ctric (	Cupbo	ard						
			-		condu	cuit octors: sa	act time BS7671	Overcui	rrent pr devices		va	RCD	857671		Circuit im	pedance			1	insulation esistance			nred	RC	D AF
and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live mm <sup>2</sup>	срс	Max disconne permitted by	BS(EN)	Type No	A Rating	& Capadity	Derating Scurrent, Lân	D Maximum 2s permitted by 8	(measi	red end ' red end ' rn (Neutral)	r <sub>2</sub>	(one co	rcuits lumn to opleted)	M Live - Live	3 Live - Earth	< Test voltage	< Polarity	Maximum mea: D earth fault loop impedance Zs	a Disconnection is time	Test button
	Lights (Ladies, Disabled, Cloakroom)	Α	С	11	1.5	1.0	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	LIM	N/A	N/A	> 200	500	1	LIM	N/A	N/A N
11	Lights (Mens Toilet, Stairs, Porch)	Α	С	12	1.5	1.0	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	0.68	N/A	N/A	> 200	500	✓	0.95	N/A	N/A N
12	unknown circuit	Α	С	N/A	1.5	1.5	0,4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	LIM	N/A	N/A	> 200	500	✓	LIM	N/A	N/A N
13	Lights (Entrance)	Α	С	25	1.5	1.0	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	0.71	N/A	N/A	> 200	500	✓	0.98	N/A	N/A N
14	Spare																								
ODES			Th	<b>Č</b> ermopla	istle		There	D noplastic				lastic		F	Northa	The	<b>G</b> Tosetting		H Miriera				0 - 01		
TYPE	OF insulated/sheathed cables in			cables i				bles in ic trunking		ca onmet	ables			/SWA ca			roserung 4 cables		minera sulated o				N/A	١.	

Dist	ribution board designation	711			D.B.	7 (H	agei	")				Lo	catio	n:			Stag	e (wes	st) 3-P	nase						
						condu	rcult actors:	ct time 857671	Overcu	rrent pr devices		ve	RCD	B57671		Circuit im	pedance				nsulation esistance			penns	RCI	D AFD
Circult number and phase	Circuit designi	stion	Type of wiring	Reference Method	Number of points served	Live mm <sup>2</sup>	epc mm <sup>2</sup>	Max disconne permitted by	BS(EN)	Type No	Rating A	S Capadity	Operating current, Ich		(meas	rn (Neutral)	to end) <sup>r</sup> 2	All cir (one co be com	lumn to pleted)	D Live - Live	ω Live - Earth	< Test voltage	< Polanty	Maximum measi O earth fault loop impedance Zs		Test button operation Test button
1	RCD (Top stage light	ing unit)	Α	В	1	6	6	0.4	4293	N/A	25	10	30		N/A	N/A		0.04	N/A	>200	> 200	500	1	0.52		✓ N/
2	RCD (Bottom stage li	ghting unit)	Α	В	1	6	6	0,4	4293	N/A	25	10	30	N/A	N/A	N/A	N/A	0.05	N/A	>200	> 200	500	<b>√</b>	0.53	29	✓ N/.
3	MCB (Top stage light	ing)	Α	В	1	6	6	0.4	60898	В	20	10	30	2.19	N/A	N/A	N/A	0.05	N/A	>200	> 200	500	<b>√</b>	0.53	29	✓ N//
4	MCB (Bottom stage li	ighting unit)	Α	В	1	6	6	0.4	60898	С	20	10	30	1,09	N/A	N/A	N/A	0.06	N/A	>200	> 200	500	✓	0.54		✓ N//
WIR	ING cables	B Thermoplasti cables in metallic condu			C ermopla cables I	In	8.	cal	D moplastic bles in ic trunking			E rmopl ables tallic t	in		F Thermop /SWA G			<b>G</b> nosetting A cables		<b>H</b> Minera nsviated c				0 - 01 Sw		
WIR	S FOR Thermoplastic E OF Insulated/sheathed	cables in metallic condu	ilt	nonm	ermopla cables i etallic	in conduit	RIG	cal metalli	moplastic bles in ic trunking	NSTA	ca	ables tallic t	in trunkir					nosetting	11	Minera nsviated c		ply pr	ılarit	Sw		<b>√</b>
APP Supply	to this distribution boar trent protective device	cables in metallic condu	ilt	TED	ermopla cables i etallic	in conduit HE O	rig:	cal metalli	moplastic bles in ic trunking	NSTA No	conmet	ables tallic t	in trunkir	ng	/SWA C	ominal	/SW	nosetting	11	Minera nsviated c	ables n of sup	ply pr	olarit Ipi	Sw ty:		✓ 1.65 k
APP Supply Overcupr the	thermoplastic Insulated/sheathed cables  CARD CHARACTE LIES WHEN THE BOAR to this distribution boar irrent protective device distribution circuit:	cables in metallic conduction metallic conduct	NNEC	TED	TO T  DB	in conduit HE O	rig:	cal metalli	moplastic bles in ic trunking	NSTA No Rat	of ph	TIO	in trunkir IN s:	3	A N	ables	/SW	nosetting A cables	Confi Zs: Disco	Minera nsviated c	n of sup		lpi Di	Sw ty:	va nection	1.65 k
APP Supply Overcuor the	Thermoplastic Insulated/sheathed cables  CARD CHARACTE LIES WHEN THE BOAR to this distribution boar irrent protective device distribution circuit:  DETAILS OF TEST	cables in metallic conduction metallic conduct	NNEC	TED 387	TO T  DB	the o B1/1T CB -	PRIG	metalli IN Oi	moplastic bles in ic trunking	NSTA No Rat	of phing:	TIO	in trunkir IN s:	3 40	A N	ominal	/sw	nosetting A cables	Confi Zs: Disco	Minera nsulated co irmation	n of sup	8 Ω	lpi Di	Sw ty: of: isconn	va nection	1.65 k
APP Supply Overcuor the CD	thermoplastic Insulated/sheathed cables  CARD CHARACTE LIES WHEN THE BOAR to this distribution boar irrent protective device distribution circuit:	cables in metallic conduments of the metallic conduments of the metallic conduments of the metallic capacitation of the metallic cap	NNEC	TED 387	TO T  DB	the o B1/1T CB -	PRIGITY Type	in of	moplastic bles in ic trunking	NSTA No Rat No	of pho	TIO	in trunkir IN s:	3 40	A N R	ominal	400 N/A	nosetting A cables	Confi Zs: Disco	Minera nsulated co irmation	n of sup 0.4	8 Ω	lpi Di tir	Sw ty: of: isconn	va nection 5in:	1.65 k
APP Supply Overcuor the CD	Thermoplastic Insulated/sheathed cables  CARD CHARACTE LIES WHEN THE BOAR to this distribution boar urrent protective device distribution circuit:  DETAILS OF TEST Ills of Test Instruments or	cables in metallic conduments of the metallic conduments of the metallic conduments of the metallic capacity of the metal	NNEC	387	TO T  DB	the o B1/1T CB -	Type	retalli	moplastic bles in ic trunking	NSTA No Rat No	of po	TIO nase:	in trunkir IN s:	3 40	A N V	ominal oltage: ating:	400 N/A	nosetting A cables	Confi Zs: Disco	Mineransulated connection at in:	n of sup 0.4	8 Ω	lpi Di tir	Sw ty: of: isconn me at	ection Sin:	1.65 k
APP Supply Overcutor the RCD Deta Aulti-fe	Thermoplastic Insulated/sheathed cables  FOARD CHARACTE LIES WHEN THE BOAR to this distribution boar urrent protective device distribution circuit:  FETAILS OF TEST lists of Test Instruments under the company of the	cables in metallic conduments of the metallic conduments of the metallic conduments of the metallic capacity of the metal	NTS al and 08252	387	TO T	the o B1/1T CB -	Type	realing metaling in oil metali	moplastic bles in ic trunking F THE I	NSTA No Rat No stance	of po	TIO nase:	in trunklir N S:	3 40	A N V R 40	ominal oltage: ating:	400 N/A	nosetting A cables	Confi Zs: Disco time	Mineransulated connection at in:	n of sup 0.4	8 Ω	lpi Di tir	ty: of: isconn me at	ection Sin:	1.65 k N/A m

DISL	Ibution board designation	1:		D	.B. 8	(Hag	jer)				Loc	cation	n:				Stage	(East	)						
				9		Circuit	time: #2	Overcu	rrent p device		/e	RCD	BS7671		Circuit im	pedance				nsulation esistance			measured t loop e Zs	RC	) AFD
Circuit number and phase	Circuit designal	ion	Type of wiring	Reference Method	oints	Live c	Max disconne permitted by	BS(EN)	Type No	> Rating	₹ Capacity	Operating current, Ich	Maximum 2s permitted by B	(mea	final circul sured end rn (Neutral)	to end)	All cli (one co be com	lumn to pleted)	D Live - Live	ω Live - Earth	< Test voltage	< Polarity	Maximum mea D earth fault loop impedance Zs	Disconnection w time	peration Test button
1	Fan (front of stage)		F	С	1 '	1.5 1	.5 0.4	60898	С	16	10	N/A	1.37		N/A		0.11	N/A	>200	> 200	500	1			N/A N/A
2	Fan (Middle)		F	С	1 '	1.5 1	.5 0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.21	N/A	>200	> 200	500	✓	0.59	N/A	N/A N/A
3	Fan (by front entrance	)	F	С	1 '	1.5 1	5 0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.17	N/A	>200	> 200	500	✓	0,55	N/A I	V/A N/A
4	Spare																								
5	Spare																								
6	Spare																								
7																									
CODE	A Theresease is	B			c			D			e (			F			G		H				o - oti	her	
CODE TYPI WIR	OF Insulated/sheathed	B Thermoplastic cables in metallic conduit			noplasi bies in		(	D rmoplastic ables in ilic trunking			mopla bles i	in		F Thermo /SWA c			<b>G</b> nosetting A cables		H Minera nsulated c				o - oti	her	
APP	ing insulated/sheathed cables  OARD CHARACTER  LIES WHEN THE BOARD to this distribution board	cables in metallic conduit		cal nonmet	noplasi bles in allic co	nduit	metz	rmoplastic rables in illic trunking	NST/	ca ionmeti	mopla bles i allic tr	in runkin		Thermo /SWA c	ables		nosetting		Minera	ables	ply pe	olari		her	<b>√</b>
APP Supply	Insulated/sheathed cables  OARD CHARACTER  LIES WHEN THE BOAR	cables in metallic conduit	NECT	cal nonmet	noplasi bles in allic con	e OR	metz	rmoplastic rables in illic trunking	NST# No	cə ionmeti	mopla bles i allic tr	in runkin	9	Thermo /SWA c		/SW	nosetting	Conf	Minera nsulated c	of sup	ply pe	lp	ty: f:		1.73 k
APP Supply Overcuor the	OARD CHARACTEI LIES WHEN THE BOARI to this distribution board rrent protective device distribution circuit:	cables in metallic conduit  LISTICS  DIS NOT CONI is from:  BS(EN):  BS(EN):	NECT	cal nonmet	o TH  DB1	E ORI	metz	rmoplastic rables in illic trunking	NST A No Rat	ca conmete ALLA1 of ph	mopla obles i allic tr	in runkin	9	Thermo /SWA c	ables Iominal	/SW	nosetting A cables	Conf Zs: Disc	Minera nsulated c	of sup		lp Di	ty:	ection	1.73 k
APP Supply Overcuor the	or ing insulated/sheathed cables  OARD CHARACTEI LIES WHEN THE BOARI to this distribution board rrent protective device distribution circuit:  ETAILS OF TEST I	cables in metallic conduit  LISTICS DIS NOT CONI is from: BS(EN): BS(EN): NSTRUMEN	NECT	cal nonmet	o TH DB1 MCI	e ori 1./3L1 B - Ty	metz	rmoplastic rables in illic trunking	NST A No Rat	LLAT of phi	mopla obles i allic tr	in runkin	1 40	Thermo /SWA c	ables lominal 'oltage:	/sw	nosetting A cables	Conf Zs: Disc	Minera nsulated c	of sup	ι8 Ω	lp Di	ty: f: isconne	ection	1.73 k
APP Gupply Overcuor the	OARD CHARACTEI LIES WHEN THE BOARI to this distribution board rrent protective device distribution circuit:	cables in metallic conduit  SISTICS  D IS NOT CONI is from:  BS(EN):  BS(EN):  NSTRUMEN  ed (state serial	NECT	ED To	o TH DB1 MCI	e ori 1./3L1 B - Ty	metz  GGIN ( rpe 3	rmoplastic rables in illic trunking	NST A No Rat No	of poi	mopla obles i allic tr	in runkin	1 40	A N R	ables lominal 'oltage:	23 N/A	nosetting A cables	Confi Zs: Disco	Minera nsulated c	of sup	ι8 Ω	lp Di tir	ty: f: isconne	ection	1.73 k
APP Supply Overcuor the RCD Deta	Insulated/sheathed cables  OARD CHARACTEI LIES WHEN THE BOARI to this distribution board rrent protective device distribution circuit:  ETAILS OF TEST I is of Test Instruments us	cables in metallic conduit EISTICS DIS NOT CONI is from: BS(EN): BS(EN): NSTRUMEN ed (state serial 408	TS and/	ED To	o TH DB1 MCI	e ori 1./3L1 B - Ty	metz  GIN ( /pe 3	rmoplastic rables in illic trunking	NST A No Rat No	comments  LLAT  of phi  ing:  of poi	moplasion in the state of the s	in runkin	1 40	A N V R	ables lominal 'oltage: ating:	23 N/A	nosetting A cables	Confi Zs: Disco	Minera nsulated control in mation onnection at in:	of sup	ι8 Ω	lp Di tir	ty: f: isconne me at 5	ection iln:	1.73 k
APP Supply Overcutor the RCD Deta Aulti-fre	OARD CHARACTEI LIES WHEN THE BOARI to this distribution board rrent protective device distribution circuit:  ETAILS OF TEST I is of Test Instruments us inctional:	cables in metallic conduit EISTICS DIS NOT CONI is from: BS(EN): BS(EN): NSTRUMEN ed (state serial 408	TS and/6	ED To	o TH DB1 MCI	e ori 1./3L1 B - Ty	metz  GIN ( /pe 3	tion resis	NST A No Rat No	comments  LLAT  of phi  ing:  of poi	moplasion in the state of the s	in runkin	1 40	A N V R	lominal loltage: ating:	23 N/A	nosetting A cables	Conf Zs: Disco time	Minera nsulated control in mation onnection at in:	of sup	ι8 Ω	lp Di tir	ty: f: isconne me at 5	ection iln:	1.73 k

Dist	ribution board designation				D.E	3. 9 (	MK)					Lo	catlo	л:			В	ack of	Stag	je						
				70		condu	cult uctors: sa	sct time 857671	Overcur	Tent p device		ve	RCD	857671		Circuit im	oedance				nsulation esistance			pains	ŘCI	D AFD
Circuit number and phase	Circult designatio	n	Type of wiring	Reference Method	Number of points served	Live mm <sup>2</sup>	Ė	Max disconne permitted by	BS(EN)	Type No	> Rating	K Capadity	Operating current, IAn	Maximum Z <sub>S</sub>	(meas	inal circuit ured end t rn (Neutral)	r <sub>2</sub>	All cir (one col be com	umn to		Σ Live - Earth	< Test voltage	< Polarity	Maximum meas D earth fault loop Impedance Zs	unec	operation Test button
1	DB13 (Hall Cleaners C	upboard)	Α	С	1	6	2.5	5	60898	В	40	6	30	1.09	N/A	N/A		0.76	N/A	>200	> 200	500	1	1,14	19	✓ N/
2	Lights (Loft)		Α	С	2	1.5	1,0	0.4	60898	В	6	6	30	7,28	N/A	N/A	N/A	0.48	N/A	>200	> 200	500	✓	0.86	19	✓ N/
3 4 5	Lights (Stage)		Α	С	9	1.5	1.0	0.4	60898	В	6	6	30	7.28	N/A	N/A	N/A	0.80	N/A	>200	> 200	500	✓	1,18	19	✓ N//
6	Sockets (Stage)		Α	С	9	2.5	1.5	0.4	60898	В	32	6	30	1,37	N/A	N/A	0.87	0.32	N/A	>200	> 200	500	✓	0,60	22	✓ N/.
7	Lights (Kitchen, corrido	r)	Α	С	14	2,5	1.5	0.4	60898	В	6	6	30	7.28	N/A	N/A	N/A	0.83	N/A	> 200	> 200	500	<b>√</b>	1.25	22	✓ N//
8 9	Lights (Under Stage)		Α	С	1	1,5	1.0	0.4	60898	В	6	6	30	7,28	N/A	N/A	N/A	0.39	N/A	> 200	> 200	500	√	0.78	22	✓ N/.
10																										
TYP	S FOR Thermoplastic E OF Insulated/sheathed UNG cables	Thermoplastic cables in metallic conduit			mopla bles tallic	in	t	C	D moplestic ables in lic trunking			E rmopl ables tallic l	In		F Thermop /SWA ca			<b>G</b> nosetting A cables		H Minera Insulated c				O - Oti		
APP Supply	OARD CHARACTER LIES WHEN THE BOARD to this distribution board	IS NOT CON	NEC	TED 1		HE 0		IN C	F THE II		ALLA of ph			1					Con	firmation	ı of sup	ply po	olarit	y:		<b>√</b>
	rrent protective device distribution circult:	BS(EN):		387	1 M	CB -	Тур	e 2		Rat	ting:			60		ominal oitage:	23	V C	Zs:		-,4,1	5 Ω	lpf	·:		1.62 k
CD		BS(EN):				N/A				No	of po	les:		N/A	R	ating:	N/A	mA		onnection	n N/A	ms		sconne		N/A m
	ETAILS OF TEST IN			lar ac	cot	nu una la	avel																			
	unctional:		3252		set i	IIOIIII			ion resis	tance	e:				40	82521			Co	ntinuity	:		4(	08252	:1	
arth e	electrode resistance:	408	3252	1			E	arth 1	ault loop	impe	edane	ce:			40	82521			R	CD:			40	08252	:1	
A	ESTED BY				7														-							
Name	e:		D	ositio				-	lectricia	n				Signat	ura							Date		24	/05/2	020

Distribution	board designation	:		D.B. 9					ı	Locatio	n:		E	Back of Stag	е						
				co	Circuit nductors	t time S7671	Overcur	rent pro devices	tective	RCI	857671	Circuit la	mpedano	es (Ohms)		Insulation resistance			measured loop	RC	D A
and phase	Circuit designati	on	Type of wiring Reference Method	umber of oints served	ve cpc	Max disconne permitted by	BS(EN)		A Raiting	Derating A		Ring final circ (measured en- r <sub>1</sub> r <sub>n</sub> (Une) (Neutra	d to end)	All circuits (one column to be completed)  R <sub>1</sub> +R <sub>2</sub> R <sub>2</sub>	W Live - Live	Fig Part	< Test voltage	< Polanty	Maximum mea O earth fault loop impedance 2s	a bisconnection	Test button
ODES FOR TYPE OF WIRING	Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit		C ermoplastic cables in setallic cons		cal	D moplestic bles in ic trunking		cabl	t oplastic es in c trunki		F Thermoplastic /SWA cables	Then /SW	G mosetting /A cables in	H Mine	rat			0 - 00 N/a		

Dist	ribution board designation	:		0	D.B.1	3 (W	ylex)				Loc	ation	1:		H	tall Cl	eaner	s Cup	board						
						Circi	tors: É	Overo	urrent p device		va	RCD	BS7671	(	Circult im	padances	s (Ohms)			nsulation esistance			ored	RCD	AF
Circuit number and phase	Circuit designat	поп	Type of wiring	Reference Method	Number of points served	Live		BS(EN)	Type No	➤ Rating	& Capacity	S current, ldn	D Maximum Z <sub>5</sub> permitted by 8s	(meas	inal circui ured end r <sub>n</sub> (Neutral)	to end)	All cin (one cold be comp R <sub>1</sub> +R <sub>2</sub>	umn to	D Live - Live	Δ Live - Earth	< Test voltage	< Polarity	Maximum meas D earth fault loop impedance Zs a Disconnection	Test button	Test Author
1	Stage lighting		Α	С	3	2.5	1.5 0.	4 3036	N/A	32	6	30	N/A	N/A	N/A	N/A	0.87	N/A	>200	> 200	500	1	1.06 1	9 N/A	N
TYP	S FOR Thermoplastic E OF Insulated/sheathed	B Thermoplastic cables in metallic condui			C ermopla cables in	n		D nermoplastic cables to cable translar		Ca	E mopli	n		F Thermop /SWA ca			G losetting		H Mineral sulated ca				o - Other		
APP Supply		cables in metallic condui	INEC	TED	TO TI	HE OF	me	cables in taillic trunking	No Rat	ca temnot	ables i tallic tr	n runking N	1	A No			cables	Confli Zs: Disco	sulated co	of sup	pply p 14 Ω A ms	lp D	N/A ty: of:	1.i	
APP Supply Overcu for the RCD	Insulated/sheathed cables  SOARD CHARACTER  LIES WHEN THE BOARD  of this distribution board  current protective device distribution circuit:  DETAILS OF TEST II	cables in metallic conduit ISTICS IS NOT CON Is from: BS(EN): BS(EN): NSTRUMEN ed (state serial	INEC	TED 1	TO TI D 98 M	HE OF B9/1 CB -	Type I	cables in taillic trunking	No Rat No	of pho	ables i tallic tr	n runking N	1 40	A No	ominal oltage: ating:	230 N/A	cables	Confli	sulated co	of sup	14 Ω	lp D tir	N/A ty: of: ilsconnect me at Sin	1.i	38
APP Supply Overcu for the RCD Deta Multi-fi	Insulated/sheathed cables  INSUPERING  INSUPERINC  INS	cables In metallic conduit ISTICS IS NOT CON Is from: BS(EN): BS(EN): NSTRUMEN ed (state serie	NTS I and	TED 1	TO TI D 98 M	HE OF B9/1 CB -	Type I	op THE 1	No Rat No	of pho	TIOI nases	n runking N	1 40	A No Ro	ominal oltage: ating:	230 N/A	cables	Confliction Confliction	rmation nnection at In:	of sup	14 Ω	Ip D tir	N/A  ty:  of: isconnectime at 5in	1.i	38
APP Supply Overcutor the RCD Deta Multi-fit	Insulated/sheathed cables  SOARD CHARACTER  LIES WHEN THE BOARD  of this distribution board  current protective device distribution circuit:  DETAILS OF TEST II	cables In metallic conduit ISTICS IS NOT CON Is from: BS(EN): BS(EN): NSTRUMEN ed (state serie	INEC	TED 1	TO TI D 98 M	HE OF B9/1 CB -	Type I	cables in taillic trunking	No Rat No	of pho	TIOI nases	n runking N	1 40	A No Ro	ominal oltage: ating:	230 N/A	cables	Confliction Confli	rmation nnection at In:	of sup	14 Ω	Ip D tir	N/A ty: of: ilsconnect me at Sin	1.i	38

0.34	ibution board designation	1:		D	.B. 1	0 (MI	EM)				Lo	catio	n:				Boiler	Room	1						
					¢	Circui	t en:	Overcu	rrent p		ve	RCD	B57671		Circuit in	npedanc				Insulation resistance			measured t loop e Zs	RCD	AFD
Circuit number and phase	Circuit designati	on	Type of wiring	Reference Method	oints	Jve c	A.	BS(EN)	Type No	> Rating	S Capacity	S current, Ich			final circu isured end Fn ) (Neutral	to end)	(one co	rcuits lumn to spleted)	ω Live - Live	3 Live - Earth	< Test voltage	Polarity	Maximum meas D earth fault loop impedance 2s	Disconnection of time	Test button
1	Hob (right hand side)		Α	В	1	6 2	.5 0.	4 60898	В	32	6	30	1.37	N/A		N/A	0.19	N/A	N/A	> 200	500	1	0.46	11	✓ N//
2	Water heater (Kitchen)	)	Α	В	1	6 2	.5 0.	4 60898	В	32	6	30	1.37	N/A	N/A	N/A	0.18	N/A	N/A	> 200	500	✓	0.45	11	✓ N//
3	Hob (left hand side)		Α	В	1	6 2	.5 0,	4 60898	В	32	6	30	1.37	N/A	N/A	N/A	0.15	N/A	N/A	> 200	500	✓	0,42	11 -	✓ N//
4	Cooker		Α	В	1	6 2	.5 0.	4 60898	В	32	6	30	1.37	N/A	N/A	N/A	0.13	N/A	N/A	> 200	500	<b>√</b>	0.40	11 -	✓ N/A
5	Kitchen sockets		Α	В	5 2	2.5 1	5 0.	4 60898	В	32	6	30	1.37	0.4	0.38	0.66	0.16	N/A	N/A	> 200	500	✓	0.46	11 -	✓ N/A
6	DB15 (Boiler Room)		Α	В	1 2	.5 1	.5 0.	4 60898	В	20	6	30	2.19	N/A	N/A	N/A	0.07	N/A	N/A	> 200	500	✓	0.34	11 .	✓ N/A
CODE		B. Thermoplestic			C moplast	ic	- π	D rermoplestic		Ther	E	lastic					g		н				0 - 011	her	
CODE	OF Insulated/sheathed	B. Thermoplestic cables in metallic conduit	6	ca	C moplast bles in allic cor			D nermoplestic cables In tallic trunking	j 10		bles	in			polastic cables		<b>G</b> mosettin /A cables		H Miner nsulated				o - ou		
APP Supply	ING Insulated/sheathed cables  OARD CHARACTER LIES WHEN THE BOARD to this distribution board	cables in metallic conduit	T	ca	bles in allic cor	idult E OR	me	iermoplestic cables in tallic trunking	NST	conmet	bles allic	in trunkir		/SWA	cables	/SV	mosetting	in	Miner nsulated		oply po	olari	N/A		<b>√</b>
APP Supply	insulated/sheathed cables  OARD CHARACTER LIES WHEN THE BOARD	cables in metallic conduit	ECT	ca onmet	bles in allic cor	e OR /3L3	me IGIN	ermoplestic cables in tallic trunking	NST.	onmet	bles allic	in trunkir	1	/SWA		/SV	mosetting	Conf Zs:	Miner nsufated	on of sup	pply po 34 Ω	lp	N/A ty: f:	A	√ 1.74 k
APP Supply	OARD CHARACTER LIES WHEN THE BOARD to this distribution board rrent protective device	cables in metallic conduit	ECT	ca conmet ED T	bles in allic cor O THI DB1	e <b>or</b> /3L3 3 - T	me ( <b>GIN</b> /pe 2	ermoplestic cables in tallic trunking	NST. No Ra	of ph	TIO nase	in trunkir IN S:	1	/SWA	cables Nominal	/sw	mosetting /A cables	Confi Zs: Disco	Miner nsulated	on of sup		lp Di	N/A	ection	
APP Supply Overcu for the	S OF Insulated/sheathed cables  OARD CHARACTER LIES WHEN THE BOARD to this distribution board rrent protective device distribution circuit:  ETAILS OF TEST IN	cables in metallic conduit  ILSTICS DIS NOT CONN is from: BS(EN): BS(EN): NSTRUMENT	ECT	ca conmet ED T	o THI DB1 MCI	e OR: /3L3 3 - Ty	rgin /pe 2	ermoplestic cables in tallic trunking	NST. No Ra	ALLA of ph	TIO nase	in trunkir IN S:	1 63	/SWA	cables Nominal Voltage:	/sw	mosetting /A cables	Confi Zs: Disco	Miner nsulated	on of sup	34 Ω	lp Di	N/A ty: of: Isconne	ection	1.74 k
APP Supply Overcu or the RCD	S OF Insulated/sheathed cables  OARD CHARACTER  LIES WHEN THE BOARD to this distribution board rrent protective device distribution circuit:	cables in metallic conduit  ILSTICS DIS NOT CONN is from: BS(EN): BS(EN): NSTRUMENT	S and/o	ca conmet ED T	o THI DB1 MCI	e OR: /3L3 3 - Ty	reconstruction of the second s	ermoplestic cables in tallic trunking	NSTA No Ra No	of po	TIO nase	in trunkir IN S:	1 63	/SWA	cables Nominal Voltage:	/sw 23 30	mosetting /A cables	Confi Zs: Disco	Miner nsulated	on of sup 0.3 lon 44	34 Ω	lp Di tir	N/A ty: of: Isconne	ection	1.74 k
APP Supply Overcu for the RCD Deta Multi-fi	Insulated/sheathed cables  OARD CHARACTER CABLES WHEN THE BOARD to this distribution board rrent protective device distribution circuit:  ETAILS OF TEST In its of Test Instruments use	cables in metallic conduit  EISTICS  D IS NOT CONN is from: BS(EN): BS(EN): NSTRUMENT ed (state serial a	S and/c	ca conmet ED T	o THI DB1 MCI	e OR: /3L3 3 - Ty	regin /pe 2 ) s):	ermoplestic cables in tallic trunking	NSTA No Ra No	of photos	TIO nase	in trunkir IN S:	1 63	A A	Nominal Voltage: Rating:	, 23 30	mosetting /A cables	Confi Zs: Disco	Miner nsulated firmatio prinecti at in:	on of sup 0.3 lon 44	34 Ω	lp Di tir	N/A ty: f: lsconne me at 5	ection Sin:	1.74 k
APP Supply Overcu for the RCD Deta Multi-for	Insulated/sheathed cables  OARD CHARACTER CABLES WHEN THE BOARD to this distribution board rrent protective device distribution circuit:  ETAILS OF TEST In its of Test Instruments usunctional:	cables in metallic conduit EISTICS D IS NOT CONN is from: BS(EN): BS(EN): NSTRUMENT ed (state serial is 4082	S and/c	ca conmet ED T	o THI DB1 MCI	e OR: /3L3 3 - Ty	regin /pe 2 ) s):	nermoplestic cables in cables in taillic trunking  OF THE I	NSTA No Ra No	of photos	TIO nase	in trunkir IN S:	1 63	A A	Nominal Voltage: Rating:	, 23 30	mosetting /A cables	Confi Zs: Disco time	Miner nsulated firmatio prinecti at in:	on of sup 0.3 lon 44	34 Ω	lp Di tir	N/F ty: if: Isconne me at 5	ection Sin:	1.74 k

Dist	ribution board designation	1:		D	.B. 1	15 (W	/lex)				Loca	ation	:				Boiler	room							
				_		Circu conduct		Overcui	rrent p device		/e	RCD	857671	C	Circuit Imp	pedance	s (Ohms	)		insulation resistance			pain	RCD	AFD
Circult number and phase	Circuit designati	on	Type of wiring	Reference Method	Number of points served	Live	Max disconnect	BS(EN)	Type No	y Rating		3 Operating > current, l∆n	D Maximum Z <sub>g</sub>	r <sub>1</sub>	red end	to end)	All cir (one col be com	umn to	BAΠ- BAΠ Ω	3 Live Earth	< Test voltage	< Polarity	Maximum meas D earth fault loop impedance Zs	Disconnection time Test button	Test button
1	Boiler & pump		Α	В	2	2.5	1.5 0.4	60898	В	20	6	30 3	2.19	N/A	N/A	N/A	0.08	N/A	N/A	> 200	500	· •	0.42	11 、	/ N//
TYP	OARD CHARACTER			nonme		n conduit	meta	D rmoplastic ables in ile trunking	Ŧ	ca nonmeti		unking		F Thermopi /SWA ca			<b>G</b> nosetting A cables		. H Minera nsulated o				o - oth N/A		
TYP WIR	ING Insulated/sheathed cables  OARD CHARACTER  LIES WHEN THE BOARD	cables in metallic conduit		nonme	mople ables in tallic o	n conduit HE OR	meta	rmoplastic ables in lic trunking	NST/	ca nonmetr	bles in	unking		Thermopl			nosetting	' Ir	Minera nsulated o	cables	inly b	olari	N/A		
APP Supply	Insulated/sheathed cables  OARD CHARACTER	cables in metallic conduit	INECT	nonme	mople ables in tallic o	n conduit HE OR B10/6	meta	rmoplastic ables in lic trunking	NSTA No	ca nonmeti	bles in	inking	1	/SWA ca		/SW	nosetting	' Ir	Minera nsulated o	n of sup	oply po 34 Ω		N/A		√ 1.34 ka
APP Supply Overcu	ING Insulated/sheathed cables  OARD CHARACTER  LIES WHEN THE BOARD to this distribution board  irrent protective device	cables in metallic conduit  ISTICS  IS NOT CON Is from:	INECT	FED 1	rmopla ables in tallic o	n conduit HE OR B10/6	IGIN o	rmoplastic ables in lic trunking	NSTA No Rat	ca nonmetr ALLA1 of ph	bles in allic tru	inking	1	Thermopi /SWA ca A No	ominal	/SW	nosetting A cables	Confi	Minera nsulated o	n of sup		lp D	N/A	ction	
APP Supply Overcu or the	Insulated/sheathed cables  OARD CHARACTER LIES WHEN THE BOARD to this distribution board irrent protective device distribution circuit:  ETAILS OF TEST IN	cables in metallic conduit STICS DIS NOT CON Is from: BS(EN): BS(EN): STRUMEN	INECT	ren 1	rmopla ables in tallic of DE 08 MG	HE OR B10/6 CB - 1	meta  IGIN (  ype B	rmoplastic ables in lic trunking	NSTA No Rat	ca nonmetr ALLA1 of phi	bles in allic tru	inking	1 20	Thermopi /SWA ca A No	ominal oltage:	/sw	nosetting A cables	Confi	Minera risulated of Irmatio	n of sup	34 Ω	lp D	N/A Ity: of:	ction	1.34 k
APP Supply Overcu or the RCD Deta	Insulated/sheathed cables  OARD CHARACTER  LIES WHEN THE BOARD  to this distribution board  rrent protective device distribution circuit:	cables in metallic conduit  EISTICS  IS NOT CON IS from:  BS(EN):  BS(EN):  NSTRUMEN ed (state seria	INECT	red 1	rmopla ables in tallic of DE 08 MG	HE OR B10/6 CB - 1	meta  igin (  ype B  D	rmoplastic ables in lic trunking	NSTA No Rat No	of pol	bles in allic tru	inking	1 20	A No	ominal oltage:	230 30	nosetting A cables	Confi Zs: Disco time	Minera risulated of Irmatio	n of sup	34 Ω	lp D ti	N/A Ity: of:	ction In:	1.34 k
APP Supply Overcu or the RCD Deta Aulti-fr	Insulated/sheathed cables  OARD CHARACTER cables  OARD CHARACTER cables  OARD CHARACTER cables  to this distribution board circuit:  ETAILS OF TEST IN circuits confirmed to the confirmed circuits  ETAILS OF TEST IN circuits confirmed to the cable	cables in metallic conduit EISTICS DIS NOT CON Is from: BS(EN): BS(EN): NSTRUMEN ed (state seria	ITS	red 1 6089 for as	rmopla ables in tallic of DE 08 MG	HE OR B10/6 CB - 1	rs):	rmoplastic ables in able trunking IF THE II	NSTA No Rat No	ALLA1 of phi	FION asses:	inking	1 20	A No Ra	ominal oltage:	230 30	nosetting A cables	Confi Zs: Disco time	Mineral of a substantial of the	n of sup	34 Ω	lp D ti	N/A lty: of: olsconne me at 5	ction In:	1.34 k
APP Supply Overcu for the RCD Deta Multi-fre Earth 6	Insulated/sheathed cables  OARD CHARACTER LIES WHEN THE BOARD to this distribution board irrent protective device distribution circuit:  ETAILS OF TEST In its of Test Instruments usunctional:	cables in metallic conduit EISTICS DIS NOT CON Is from: BS(EN): BS(EN): NSTRUMEN ed (state seria	ITS I and/	red 1 6089 for as	rmopla ables in tallic of DE 08 MG	HE OR B10/6 CB - 1	rs):	rmoplastic ables in lile trunkling OF THE II	NSTA No Rat No	ALLA1 of phi	FION asses:	inking	1 20	A No Ra	ominal oltage: oting:	230 30	nosetting A cables	Confi	Mineral of a substantial of the	n of sup	34 Ω	lp D ti	N/A  Ity:  of:  olsconne me at 5	ction In:	1.34 k

Dist	rlbution board designation	d			D.B	. 11 (	MK)					Lo	catio	n:		Jo	hn D	e Boh	an Cu	pboar	d					
						condu	ctors:	BS7671	Overcur	rent pr devices		ve	RCD	BS7671		Circuit im	pedance	s (Ohms	)		Insulation resistance			nred	RCD	AFD
Circult number and phase	Circuit designati	on	Type of wiring	Reference Method	Number of points served	Live	cpc T	nitted by	BS(EN)	Type No	▶ Rating	S Capadity	Operating current, Ich	Maximum Z <sub>s</sub> permitted by BS		Inal circul ured end rn (Neutral)	to end)	All cir (one co be com R <sub>1</sub> +R <sub>2</sub>	umn to	Ω Live - Live	Δ Live - Earth	< Test voltage	< Polarity	Maximum measured Coarth fault loop Impedance 2s Disconnection	if time	Test button
1	DB14 (Corridor by Joh	n de Bohan)	Α	С	1	10	4	5	60898	В	40	6	N/A	1.09	N/A	N/A	N/A	0.17	N/A	N/A	> 200	500	1	0.48 N	/A N/	A N/
2	Sockets (Offices and h	ıallway)	Α	С	13	2.5	1.5 (	),4	61009	В	32	6	N/A	1.37	0.94	0.95	1,56	0.62	N/A	N/A	> 200	500	<b>√</b>	0.93 1	8 🗸	' N/
3	Sockets (JDB)		Α	С	2	2.5	1,5 (	4	61009	В	20	6	N/A	2.19	N/A	N/A	N/A	0.71	N/A	N/A	> 200	500	✓	1.02 1	2 🗸	' N/
4	Sockets (Store Cupbo	ard)	Α	С	2	2,5	1.5 (	0.4	61009	В	16	6	N/A	2.73	N/A	N/A	N/A	0.58	N/A	N/A	> 200	500	✓	0,89 1	0 🗸	' N/
5	Lights (Corridor, Office	)	Α	С	11	1.5	1,5 (	.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	0.80	N/A	N/A	> 200	500	✓	1.11 N	/A N/	A N/
6	Lights (Ladies Toilet, C	Offices)	Α	С	9	1.5	1.5 (	1_4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	0,97	N/A	N/A	> 200	500	<b>√</b>	1.28 N	/A N/	A N/
7	Lights (Rear of Stage	corridor)	Α	С	8	1.5	1.5 (	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	0.91	N/A	N/A	> 200	500	✓	1.22 N	/A N/	A N/
8	Lights (Store and Mon	tgomery)	Α	С	10	1.5	1.5 (	.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	0.51	N/A	N/A	> 200	500	<b>√</b>	0.82 N	/A N/	A N/
9	Lights (Outside Emerg security)	ency and	Α	С	4	1.5	1,5 0	.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	0.64	N/A	N/A	> 200	500	✓	0.95 N	/A N/	A N/
TYP	A Thermoplastic E OF insulated/sheathed RING cables	B Thermoplastic cables in metallic conduit			C ermopli cables etallic			ca	D moplastic ibles in ic trunking		C	ables	lastic In trunkir		F Thermo /SWA o			<b>G</b> nosetting A cables		H Miner nsulated (				o - Othe N/A		
APP	SOARD CHARACTER LIES WHEN THE BOARD to this distribution board	IS NOT CON	NECT	red '		<b>HE O</b> 31/4L		N O	F THE II		LLA of ph			1					Conf	Irmatio	n of sup	ιρίγ ρο	olarit	y:		<b>√</b>
	urrent protective device distribution circuit:	BS(EN):		387	1 M	CB -	Туре	2		Rat	ing:			63	Δ	lominal 'oltage:	23	) V	Zs:		0.3	31 Ω	(p)	f:	1	.25
CD	7277332771	BS(EN)				N/A				No	of po	les		N/A	F	ating:	N/A	mA		onnecti at in:	on N/A	A ms		sconnec ne at Sir		V/A m
	DETAILS OF TEST I						\																			
	unctional:		3252		55EL 1	iuiiio		uiat	ion resis	tance	:				4	082521			Co	ntinuity	y:		41	082521		
arth e	electrode resistance:	408	3252	1			Ear	th f	ault loop	impe	dane	ce:			4	082521			RC	D:			41	082521		
Á	ESTED BY																		T							
Nam	e:	-	P	ositic	m:			F	lectricia	n				Signa	ture-							Dat	Δ.	21/0	5/20	20

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Distr	lbutlon bo	oard des	ignation	:			D.	B. 11	(MK	)				Lo	catio	n:		Jo	ohn D	e Boh	an Cu	pboar	d						
							,	con	ircuit ductors: csa	ect time 857671	Overcur	rent pr device:		re	RCD	857671	(	ircuit im	pedance	and the same of		1	Insulation resistance			Sured	RO	CD.	AF
and phase		Circu	t designatio	on.		Type of wirlng	Number of	points served	2.0	Max disconne permitted by	BS(EN)	Type No	➤ Rating	& Capacity	3 Operating	D Maximum 2 <sub>5</sub> permitted by 8	(measi	red end  Fn (Neutral)	to end)	(one co	rcuits lumn to pleted)	M Uve - Uve	D Live - Earth	< Test voltage	< Polarity	Maximum measured S earth fault loop impedance Zs	a Disconnection	Test button operation	. Test button
10	Unknow	n				Α	C LI	M 1.5	1.5	0,4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	LIM	N/A	N/A	> 200	500	LIM	LIM	N/A	N/A	N
11	Unknow	'n				Α	C LI	M 1,5	1.5	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	LIM	N/A	N/A	> 200	500	LIM	LIM	N/A	N/A	N
12	Spare																												
13	Spare																												
14	Spare																												
ODES	FOR	Thermop	astic	Thermo cable	plastic			pplastic			D moplastic		Therr	# mople			F	astic	Thousand	<b>G</b>		H				a - oı			

Dist	ribution board designation:			D.B	. 14	(MK	)				Lo	catio	1:		Co	rrido	by Jo	hn de	Boha	ın					
					condi	cuit ectors:	ct time 857671	Overcur	rent p		va:	RCD	857671		Circuit imp	edance	s (Ohms	)		Insulation resistance			pain	RCE	) AFD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served		cpc	Max disconne permitted by	8S(EN)	Type No	> Rating	S Capacity	3 Operating S. current, Ich	D Maximum Z <sub>2</sub> permitted by 8:	(mea	final circuit sured end t Fn (Neutral)		All cir (one col be com	umn to	Ω Live - Live	3 Uve - Earth	< Test voltage	< Polarity	Maximum meas. S earth fault loop impedance Zs	Sanne	operation Test button
1	Hob	Α	С	1	6	2,5		61009	В	32	6	30	1.37	N/A	N/A	N/A	0.40	N/A	N/A	> 200	500	✓	0,88	28	✓ N/A
2	Sockets (Rodger barwick, Kitch Corridor, JDB, Store Cupboard		С	15	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.98	0,96	1,63	0.65	N/A	N/A	> 200	500	✓	1,13	30	✓ N/A
3	Hand dryer (Disabled toilet)	Α	С	2	2.5	1,5	0.4	60898	В	16	6	N/A	2.73	N/A	N/A	N/A	0.13	N/A	N/A	> 200	500	✓	0,61	N/A N	N/A N/A
4	Mens Toilets Water Heater	Α	С	1	2.5	1.5	0.4	60898	В	16	6	N/A	2.73	N/A	N/A	N/A	LIM	N/A	N/A	> 200	500	✓	LIM	N/A N	N/A N/A
5	Hand dryer (ILadies toilet)	Α	С	2	2.5	1.5	0.4	60898	В	16	6	N/A	2.73	N/A	N/A	N/A	0.41	N/A	N/A	> 200	500	✓	0.89	N/A N	1/A N//
6	Hand dryer (IMens toilet)	Α	С	1	2.5	1.5	0.4	60898	В	16	6	N/A	2.73	N/A	N/A	N/A	0,36	N/A	N/A	> 200	500	1	0.84	N/A N	1/A N//
7	unknown circuit	Α	С	LIM	1.5	1.5	0,4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	LIM	N/A	N/A	> 200	500	✓	LIM	N/A N	N/A N/A
8	Lights (Corridor, cleaning cupboard)	Α	С	8	1.5	1.5	0.4	60898	В	6	6	N/A	7,28	N/A	N/A	N/A	0.67	N/A	N/A	> 200	500	✓	1.15	N/A N	1/A N/ <i>A</i>
TYP		in		C ermopl cables	in		C	<b>D</b> rmoplastic ables in		CE	bles			Therme /SWA	pplastic		<b>G</b> nosetting A cables		Miner				o - oti		
APP	NAME CAPPERS METABLIC OF THE PROPERTY OF THE P	1				RIG		F THE I	NST		TIO		1			,,,,,				n of sup	рју р	olarii	ty:		1
	urrent protective device BS(EN)	: 1	608	98 M	СВ -	Тур	e C		Rai	ting:			40		Vominal Voltage:	23	0 V	Zs:		0.4	ι8 Ω	lр			1,20 k
CD	BS(EN)				N/A				No	of po	les:		N/A		Rating:	N/A	mA		onnecti at In:	on N/	A ms	Di	ne at 5	ection	N/A m
	ETAILS OF TEST INSTRUING OF Test Instruments used (state										ī														
	unctional:	408252		sseci	nurni	/		tion resis	tance	e:				4	082521			Co	ntinuit	y:		4	08252	1	
arth e	electrode resistance:	408252	21			E	arth I	fault loop	imp	edano	e:			4	082521			RC	D:			4	08252	1	
Į į	ESTED BY																								
Nam	e:		ositi	on:			Е	lectricia	n				Signa	ture:							Dat	e:	21	/05/2	020

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Distr	bution board designation:			D.B	. 14 (	(MK	)				Lo	catlo	ាះា		Co	rrido	r by Jo	ohn de	Boha	in						
			70		condu	cuit ictors:	SS7671	Overcui	rent pi device:		ve	RCD	BS7671		Direuit imp	pedance				Insulation resistance			pauce	RO	CD A	۱F
and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconne permitted by	BS(ÈN)	Type No	▶ Rating	₹ Capacity	Decading current, Ich	D Maximum Zs permitted by E	(measu	nat circuit ired end t fn (Neutral)	to end)	(one co	rcuits lumn to pleted)	S Live - Live	D. Lye - Earth	< Test voltage	< Polarity	Maximum meass C earth fault loop impedance Zs	a Disconnection	Test button operation	Test button
	Lights (Mens Toilet, Kitche, Disabled Toilet)	Α	С	12	1.5	1.5	0.4	61009	В	6	6	N/A	7.28	N/A			0.98	N/A	N/A	> 200	500	✓	1.46	N/A	N/A N	
10	Lights (JDB)	Α	С	12	1.5	1.5	0.4	61009	В	10	6	N/A	4.37	N/A	N/A	N/A	0.46	N/A	N/A	> 200	500	✓	0.94	N/A	N/A N	V
	Lights (Ladies Toilets R.Barwick, Store Cupboard)	Α	С	14	1.5	1.5	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	0.87	N/A	N/A	> 200	500	✓	1,35	N/A	N/A N	٧
12	Sockets (Store Cupboard)	Α	С	1	2.5	1.5	0.4	60898	В	20	10	N/A	2.19	N/A	N/A	N/A	0.46	N/A	N/A	> 200	500	✓	0.84	N/A	N/A N	٧
13	Lights (Playground)	Α	В	2	1.5	1.5	0.4	61009	В	6	6	N/A	7.28	N/A	N/A	N/A	0.43	N/A	N/A	> 200	500	1	0.81	N/A	N/A N	\
	FOR Thermoplastic Thermoplast		0.200	C ermopt				D						,			G		н				0 - Ot	her		
CODES				cables			ca	moplestic bles in ic trunking			bles			Thermop /SWA ca			nosetting A cables		Minen				N//	٨		

Dist	ibution board designati	on:			).B. 1	12 (W)	ylex)				Locatio	on:			Ele	ctric C	upboard	d						
						Circu conduct csa	ors: # 6		urrent pr		RCE	857671	c	arcuit Imp	edance	s (Ohms)			sulation sistance			2	RCD	AFD
Circuit number and phase	Circuit design	ation	Type of wiring	Reference Method	Number of points served		Max disconne permitted by	BS(EN)	Type No		S Capacity  S Operating	Maximum Zs permitted by	(measu	red end to red end to rn (Neutral)	o end)	All circ (one colu be comp R <sub>1</sub> +R <sub>2</sub>	mn to leted)	ΩM Live - Live	M Live - Earth	< Test voltage	< Polarity	Maximum meas D earth fault loop Impedance Zs	Disconnection Lime Test Author	operation Test button
1	Fire Alarm		A	С	1	2.5 1	1.5 0.4	3036	N/A	15	4 N/A	A 2.43	s N/A	N/A	N/A	0.21	N/A		> 200	500		(1	N/A N	/A
	of insulated/sheathed cables  OARD CHARACTE			nonmi	C ermopla sables u etallic c	n onduit	meta	D rmoplastic ables in tlic trunking		cab orumetal	E seplastic les in lic trunki		F Thermopli /SWA cat			<b>G</b> nosetting A cables		H Mineral ated ca				o - oth		
WIR	FOR Thermoplastic FOF insulated/sheathed ING cables	Thermoplastic cables in metallic condu		nonmi	ables to etailic c	n onduit	meta	rmoplastic ables in Dic trunking	INSTA	cab orumetal	les in lic trunki					nosetting		Mineral ated ca	ibles	ply po	olarit	N/A		✓
APPI Supply	FOR Thermoplastic FOF insulated/sheathed ING cables  OARD CHARACTE LIES WHEN THE BOAL	Thermoplastic cables in metallic condu		ren .	etallic c	n conduit HE OR	meta	rmoplastic ables in Dic trunking	INSTA	cab conmetal	les in lic trunki	ing	/SWA cat			nosetting A cables	Confirm	Mineral ated ca ation	of sup	pply po 21 Ω	lpi	N/A ty: if:		1.05 k
APPI Supply Overcu	FOR Thermoplastic for insulete/sheethed cables  OARD CHARACTE  LIES WHEN THE BOAL to this distribution boal rivent protective device	Thermoplastic cables in metallic cendu RISTICS D IS NOT CORd is from:		ren .	TO TI DB	n conduit HE OR 31/4L3	meta	rmoplastic ables in Dic trunking	INSTA No Rati	cab conmetal	les in lic trunkl ION ISES:	1	A No	bles	/SW/	nosetting A cables	Confirm	Mineral ated ca nation	of sup		lpi Di	N/A	ection	1.05 k
APPI Supply Overcu or the	Thermoplastic thisulated/sheathed ING  OARD CHARACTE LIES WHEN THE BOAL to this distribution boal rivent protective device distribution circuit:  ETAILS OF TEST	RISTICS D IS NOT COM d Is from: BS(EN): BS(EN): INSTRUME	INECT	7 <b>ED</b> 387	TO TI DB	HE OR 31/4L3 CB - T	meta IGIN C	rmoplastic ables in Dic trunking	INSTA No Rati	cab onmetal LLAT of pha ing:	les in lic trunkl ION ISES:	1 40	A No	ominal	/sw/	nosetting A cables	Confirm Zs: Disconn	Mineral ated ca nation	of sup	21 Ω	lpi Di	N/A ty: f:	ection	1.05 k
APPI Supply Overcu or the ACD	FOR Thermoplastic to fusuited/sheathed ING cables  OARD CHARACTE LIES WHEN THE BOAI to this distribution boarrrent protective device distribution circuit:	Thermoplastic cobies in metallic condu RISTICS DIS NOT COM DIS NOT	INECT	TED 387	TO TI DB	HE OR 31/4L3 CB - T	reta  reta  reta  reta  reta	rmoplastic ables in Dic trunking	INSTA No Rati	LLAT: of pha ing:	les in lic trunkl ION ISES:	1 40	A No Vo Ra	ominal	/sw/	nosetting A cables	Confirm Zs: Disconn	Mineral ated ca nation nection	of sup	21 Ω	lpi Di tin	N/A ty: f:	ection	1.05 k
APPI Supply Overcu or the RCD Detail	Thermoplastic thisulated/sheathed ING  OARD CHARACTE LIES WHEN THE BOAL to this distribution boar rivent protective device distribution circuit:  ETAILS OF TEST is of Test Instruments of the standard in the	Thermoplastic cobies in metallic cendu RISTICS DIS NOT COI dis from:  BS(EN):  BS(EN):  INSTRUME sed (state serie	INECT	TED 387	TO TI DB	HE OR 31/4L3 CB - T	ype 2  rs):	rmoplastic ables in lilic trunking	(NSTA No Rati No	cab connectal LLAT: of pha ing: of pole	les in lic trunki ION lses:	1 40	A No Ra	ominal oitage: ating:	/sw/	nosetting A cables	Confirm Zs: Disconn time at	Mineral ated ca nation nection	of sup	21 Ω	Ipi Di tin	N/A ty: f: lsconne me at 5	ection iin:	1.05 k

## 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.