## ELECTRICAL INSTALLATION CERTIFICATE Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Certificate Reference:

AR00146637

1 DETAILS OF	THE CLI	ENT							
Client Address:	Pobl Grv	vp							
	Exchang	e Hous	e, The Ol	d Post Offic	ce, Newp	ort, NP20 1AA			
2 DETAILS OF	THE INS	TALLA	TION						
Installation Addres	ss:	Poble (	Grwp, Cef	n Bryn Bloo	ck, Swan	sea University	, West C	Glamorgan, SA2 8PT	
Extent of the installa covered by this certi			cal repairs sed only	after and e	electrical	installation co	ndition r	eport (238128) C1, C2	2 & FI codes
The installation is:		New ins	tallation	N/A	Addition existing	to an installation	N/A	Alteration to an existing installation	n 🗸
particulars of which	are describ for which d to 2018	bed abovel/we have except for	ve, having over the departments	exercised responsible is the interesting in the int	asonable o the best v, detailed	skill and care what of my/our know	nen carry	y my/our signatures belo ving out the design, herel nd belief in accordance w	y CERTIFY
Details of permitted								Risk assessment attach	ned N/A
None	охоорионе	ritogaic	200110 1111.	0.0).				Non accomment attack	14//(
114114			ignatories i	s limited to t	he work d	escribed above	as the su	ubject of this certificate.	
Name:			Position:			Signature:		Date:	
Where there is divi	<b>ded respo</b> W VAUGI		for the deposition:	esign: Elect	rician	Signature:	4	Date:	18/09/2020
particulars of which CERTIFY that the co- accordance with BS Details of departure. The extent of liability For the CONSTRUCT	rson(s) res are descrik onstruction 7671:2018 s from BS / of the sig	work fo work fo 3, amend 7671 (Renatory/si he insta	ve, having or which I/w ded to 2018 egulations ignatories is allation:	exercised re- e have been 3 except for 120.3, 133.5 s limited to t	asonable responsil the depart i): he work d	skill and care whole is to the best tures, if any, det None escribed above	nen carry t of my/ou ailed as f	ubject of this certificate.	hereby in
Name: ANDRE	W VAUGI	HAN	Position:	Elect	rician	Signature:		Date:	18/09/2020
below), particulars of testing, hereby CER	rson(s) res of which are TIFY that t	ponsible e describ he inspe	ed above, ection and	having exer testing work	cised reas for which	sonable skill and I/we have been	care wh	(as indicated by my/our en carrying out the inspe ible is to the best of my/o ures, if any, detailed as t	ection and our
Details of departure. The extent of liability For the INSPECTION	of the sig	natory/si	ignatories i	s limited to t	*	None escribed above	as the su	ubject of this certificate.	
Name: ANDRE	W VAUGI	HAN	Position:	Elect	rician	Signature:	4	Date:	18/09/2020
my/our signatures b design, construction best of my/our know as follows. Details of departure	rson(s) res elow), part , inspection rledge and s from BS / of the sig	ponsible iculars o n and te belief in 7671 (Re natory/si	for the des f which are sting, herel accordance egulations ignatories i	sign, constructed described a described a described a described a described a described and describe	iction, inspactor, ins	ving exercised redesign work for value amended to 20  None escribed above	easonabl which I/w 18 excep as the su	e electrical installation (as e skill and care when ca e have been responsible of for the departures, if ar abject of this certificate. tion:	rrying out the is to the
7 NEXT INSPE	CTION								
I/We the designer after an interval of n This form is based or	(s), RECOI ot more tha	an:					ed	5 Years	Page: 1 of 24

		LECTRICAL C	ONTRACT	OR						
Design (1)	Trading	Title:								
Address:						Registration N (if applicable):				
			Postcode:			Telephone Nu	ımber:			
Design (2)	Trading	Title								
Address:	Trading	ritie:								
Address.						Registration N (if applicable):				
			Postcode:			Telephone Nu	ımber:			
Construction	Trading	Title: A & R Ele	ctrical (Wa	ıles) I td						
	15 Alder Ro		otriodi (vva	iico) Lia		Pagistration N	lumbor			
	Neath					Registration N (if applicable):		040640		
	West Glam	organ				Telephone Nu	ımber:	01639 7758	10	
			Postcode:	SA11:	3NY	. olopilollo i ta		010007700		
Inspection	Trading	Title: A & R Ele	ctrical (\Ma	ulos) I td						
and Testing	15 Alder Ro		Ciricai (vva	iles) Liu						
7 (44) 000.	Neath West Glam					Registration N (if applicable):		040640		
						Telephone Nu	ımber:	01639 7758	10	
			Postcode:	SA11 :	3NY					
9 SUPPLY	CHARAC1	TERISTICS AND	EARTHIN	NG ARR	ANGEMEN	NTS				
Earthing Arrangements	ı Nu	ımber and Type of Liv	e Conductors		Nature o	of Supply Paramete	rs	Supply Protection	e Devic	е
TN-S N/A	: 1-phase	ac:	dc:	N/A	Nominal	U: 400 V Uo:	230 \/	RS(EN):	nknow	m
	(2 wire):	N/A 1-phase (3 wire):	N/A 2 pole	e: N/A	voltage(s):					
TN-C-S	1 (0 11110).	N/A	3 pole	e: N/A		I frequency, f:	50 Hz	Type: U	nknow	/n
TNC N/A	3-phase (3 wire):	N/A 3-phase (4 wire):	Other	: N/A	current,	ctive fault lpf:	5.60kA	Rated current:	Unkno	o A
TT N/A	Other:		I/A		I	l earth fault	0.08.0	Short-circuit capacity:	wn Unkno	kΑ
						pedance, Ze:	0.00 12	capacity:	wn	· IO (
IT N/A	Confirmation	on of supply polari	ity:	<b>V</b>	Number	of supplies:	1			
		INSTALLATION								
Means of Earthir Distributor's	3				Illation Earth E	Electrode (where ap	plicable)			
facility:	<b>/</b>	Type:	N/A	A	Location:			N/A		
Installation earth electrode	. N/A	Resistance to Earth:	Ν/Α Ω		Method o measurer			N/A		
Maximum Dem	and (Load):	250 kVA	Protective	e measur	e(s) against	electric shock:		ADS		
Main Switch / Swit Type	ch-Fuse / Circu	iit-Breaker / RCD			Supply			nain switch:		
BS(EN): 609	947-3 Isolate	or Current ratir	ng:	400 A	conducto	rs Copper		residual ing current (l∆n):	N/	'A mA
Number of poles:	3	Fuse/device or setting:	rating	N/A A	material: Supply			time delay:		/A ms
		Voltage ratir	ng:	415 V	conductor	rs 185.0mm <sup>2</sup>	Measu time (a	red operating at l∆n):	N/	/A ms
Earthing and Prote	ective Bonding	Conductors			Bondi	ng of extraneous-c	` -	. – – –′– – – – – – –		
Earthing conducto	or		Connect		To wa	ater installation	V	To gas installa pipes:	ition	~
Conductor material:	Copper	csa: 50.0mm	2 continuit verified:	y /		l installation	N/A	To lightning		N/A
Main protective bo	onding conduct	ors	Connect	ion/	pipes		IN/A	protection: To other servi	ce(s):	IN/A
Conductor material:	Copper	csa: 35.0mm	2 continuit verified:	y /	To st steel:	ructural	N/A	N/	` '	
		(ISTING INSTAI			31661.					
N/A	ATO ON EX	MOTING INOTAL								

Item No	Description	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)	- Satoonie
1.1	Service cable	· ·
1.2	Service head	
1.3	Earthing arrangement	
1.4	Meter tails	
1.5		
1.6	Metering equipment	<i>'</i>
2.0	Isolator (where present)  PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY	
2.1	Presence of adequate arrangements where generator to operate as a switched alternative (551.6):	NI/A
2.1.1	Dedicated earthing arrangement independent of that of the public supply (551.4.3.2.1)	N/A
2.2	Presence of adequate arrangements where generator to operate in parallel with the public supply syste (551.7):	m
2.2.1	Correct connection of generator in parallel (551.7.2)	N/A
2.2.2	Compatibility of characteristics of means of generation (551.7.3)	N/A
2.2.3	Means to provide automatic disconnection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values (551.7.4)	N/A
2.2.4	Means to prevent connection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values (551.7.5)	N/A
2.2.5	Means to isolate generator from the public supply system (551.7.6)	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY	
3.1	Presence and adequacy of protective earthing/bonding arrangements (411.3; Chapter 54):	
3.1.1	Distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or installation earth electrode arrangement (542.1.2.3)	~
3.1.2	Earthing conductor and connections (Section 526; 542.3; 542.3.2; 543.1.1)	~
3.1.3	Main protective bonding conductors and connections (Section 526; 544.1; 544.1.2)	~
3.1.4	Earthing/bonding labels at all appropriate locations (514.13)	~
3.2	Accessibility of:	
3.2.1	Earthing conductor connections	~
3.2.2	All protective bonding connections (543.3.2)	~
3.3	FELV – requirements satisfied (411.7; 411.7.1)	LIM
4.0	BASIC AND FAULT PROTECTION (where used, confirmation that the requirements are satisfied)	
4.1	SELV (Section 414)	N/A
4.2	PELV (Section 414)	N/A
4.3	Double insulation (Section 412)	N/A
4.4	Reinforced insulation (Section 412)	N/A
5.0	BASIC PROTECTION	
5.1	Insulation of live parts (416.1)	·
5.2	Barriers or enclosures (416.2; 416.2.1)	~
5.3	Obstacles (Section 417; 417.2.1; 417.2.2)	N/A
5.4	Placing out of reach (Section 417; 417.3)	N/A
6.0	FAULT PROTECTION	
6.1	Non-conducting location (418.1)	N/A
6.2	Earth-free local equipotential bonding (418.2)	N/A
6.3	Electrical separation (Section 413; 418.3)	N/A

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tem No	Description	Outcom
7.0	ADDITIONAL PROTECTION	
7.1	RCDs not exceeding 30mA as specified (415.1)	
7.2	Supplementary bonding (Section 415; 415.2)	
8.0	DISTRIBUTION EQUIPMENT	
8.1	Security of fixing (134.1.1)	
8.2	Insulation of live parts not damaged during erection (416.1)	
8.3	Adequacy/security of barriers (416.2)	
8.4	Suitability of enclosures for IP and fire ratings (416.2; 421.1.6; 421.1.201; 526.5)	
8.5	Enclosures not damaged during installation (134.1.1)	
8.6	Presence and effectiveness of obstacles (417.2)	N/A
8.7	Components are suitable according to manufacturers assembly instructions or literature (536.4.203)	- 14// V
8.8	Presence of main switch(es), linked where required (462.1.201)	
8.9	Operation of main switch(es) (functional check) (643.10)	
8.10	Manual operation of circuit-breakers and RCDs to prove functionality (643.10)	
8.11	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	~
8.12	RCD(s) provided for fault protection, where specified (411.4.204; 411.5.2; 531.2)	~
8.13	RCD(s) provided for additional protection, where specified (415.1)	N/A
8.14	Confirmation overvoltage protection (SPDs) provided where specified (534.4.1.1)	N/A
8.15	Presence of RCD six-monthly test notice at or near the origin (514.12.2)	~
8.16	Presence of diagrams, charts or schedules at or near each distribution board, where required (514.9.1)	V
8.17	Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required (514.14)	~
8.18	Presence of alternative supply warning notice at or near (514.15):	
8.18.1	The origin	N/A
8.18.2	The meter position, if remote from origin	N/A
3.18.3	The distribution board to which the alternative/additional sources are connected	N/A
8.18.4	All points of isolation of ALL sources of supply	<b>~</b>
8.19	Presence of next inspection recommendation label (514.12.1)	~
8.20	Presence of other required labelling (Section 514)	N/A
8.21	Selection of protective device(s) and base(s); correct type and rating (411.3.2; 411.4, .5, .6; Sections 432, 433, 434)	~
8.22	Single-pole protective devices in line conductors only (132.14.1; 530.3.3; 643.6)	~
8.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	~
8.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	~
8.25	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	<i>'</i>
9.0	CIRCUITS	
9.1	Identification of conductors (514.3.1)	~
9.2	Cables correctly supported throughout (522.8.5; 521.10.202)	~
9.3	Examination of cables for signs of mechanical damage during installation (522.6.1; 522.8.1; 522.8.3)	~
9.4	Examination of insulation of live parts, not damaged during erection (522.6.1; 522.8.1)	<b>~</b>
9.5	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A

Item No	Description	Outcom
9.6	Suitability of containment systems (including flexible conduit) (Section 522)	~
9.7	Correct temperature rating of cable insulation (522.1.1; Table 52.1)	V
9.8	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	~
9.9	Adequacy of protective devices: type and fault current rating for fault protection (434.5)	~
9.10	Presence and adequacy of circuit protective conductors (411.3.1; 543.1)	~
9.11	Coordination between conductors and overload protective devices (433.1; 533.2.1)	~
9.12	Wiring systems and cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	V
9.13	Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage (522.6.201, 522.6.202, 522.6.203, 522.6.204)	LIM
9.14	Provision of additional protection by RCDs having rated residual operating current (In) not exceeding 3	0mA:
9.14.1	For all socket-outlets of rating (32A) or less, unless exempt (411.3.3)	~
9.14.2	Supplies for mobile equipment not exceeding 32A rating for use outdoors (411.3.3)	~
9.14.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, .203)	~
9.14.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.202; .203)	~
9.14.5	Circuits supplying luminaires within domestic (household) premises (411.3.4)	N/A
9.15	Provision of fire barriers, sealing arrangements so as to minimize the spread of fire (Section 527)	LIM
9.16	Band II cables segregated/separated from Band I cables (528.1)	LIM
9.17	Cables segregated/separated from non-electrical services (528.3)	LIM
9.18	Termination of cables at enclosures (Section 526):	
9.18.1	Connections under no undue strain (522.8.5; 526.6)	~
9.18.2	No basic insulation of a conductor visible outside enclosure (526.8)	~
9.18.3	Connections of live conductors adequately enclosed (526.5)	~
9.18.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	~
9.19	Suitability of circuit accessories for external influences (512.2)	~
9.20	Circuit accessories not damaged during erection (134.1.1)	~
9.21	Single-pole devices for switching or protection in line conductors only (132.14.1, 530.3.3; 643.6)	~
9.22	Adequacy of connections, including cpcs, within accessories and at fixed and stationary equipment (Section 526)	~
10.0	ISOLATION AND SWITCHING	
10.1	Isolators (462; 537.2):	
10.1.1	Presence and location of appropriate devices (Section 462; 537.2.7)	~
10.1.2	Capable of being secured in the OFF position (537.2.4)	~
10.1.3	Correct operation verified (functional check) (643.10)	~
10.1.4	The installation, circuit or part thereof that will be isolated clearly identified by location and/or durable marking (537.2.7)	~
10.1.5	Warning notice posted in situation where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	N/A
10.2	Switching off for mechanical maintenance (Section 464; 537.3.2):	1
10.2.1	Presence of appropriate devices (464.1; 537.3.2)	N/A
10.2.2	Acceptable location - state if local or remote from equipment in question (537.3.2.4)	N/A
10.2.3	Capable of being secured in the OFF position (464.2)	N/A
10.2.4	Correct operation verified (functional check) (643.10)	N/A
10.2.5	The circuit or part thereof to be disconnected clearly identified by location and/or durable marking (537.3.2.3; 537.3.2.4)	N/A

Item No	Description	Outcome
		Outcome
10.3	Emergency switching/stopping (Section 465; 537.3.3; 537.4):	NI/A
10.3.1	Presence of appropriate devices (465.1; 537.3.3; 537.4)	N/A
10.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A
10.3.3	Correct operation verified (functional check) (643.10)	N/A
10.3.4	The installation, circuit or part thereof to be disconnected clearly identified by location and/or durable marking (537.3.3.6)	N/A
10.4	Functional switching (463.1; 537.3.1):	
10.4.1	Presence of appropriate devices (537.3.1.1; 537.3.1.2)	~
10.4.2	Correct operation verified (functional check) (537.3.1.1; 537.3.1.2; 643.10)	<b>'</b>
11.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)	
11.1	Suitability of equipment in terms of IP and fire ratings (416.2; 421.1; 421.1.201; 526.5)	~
11.2	Enclosure not damaged/deteriorated during installation so as to impair safety (134.1.1)	~
11.3	Suitability for the environment and external influences (512.2)	~
11.4	Security of fixing (134.1.1)	~
11.5	Cable entry holes in ceilings above luminaires, sized or sealed so as to restrict the spread of fire (527.2)	N/A
11.6	Provision of undervoltage protection, where specified (Section 445)	N/A
11.7	Provision of overload protection, where specified (Section 433; 552.1)	N/A
11.8	Recessed luminaires (downlighters):	'
11.8.1	Correct type of lamps fitted (559.3.1)	N/A
11.8.2	Installed to minimize build-up of heat (421.1.2; 559.4.1)	N/A
11.9	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A
12.0	LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)	'
12.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	~
12.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A
12.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	~
12.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A
12.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A
12.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A
12.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A
12.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A
13.0	PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	
13.1	N/A	N/A
13.2	N/A	N/A
13.3	N/A	N/A

All boxes must be completed. 'tick' indicates that an inspection or test was carried out and that the result was satisfactory. 'X' indicates than an inspection or test was carried out and the result is not satisfactory. 'N/A' indicates that an inspection or test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out.

16	CHEDULE OF CIRCU	IT DETAILS	AND	TES	TR	ESU	LTS																				
Distr	ibution board designation	n:				DB	1					Lo	catio	n:		Firs	t Floo	r; Cle	aners	Cupbo	ard						
				_		condu	cuit uctors: sa	time 7671	Overcui	rrent p device		ve	RCD	BS7671	(	Circuit imp	pedance	es (Ohm	s)		nsulation esistance			ured	R	CD	AFDD
Circuit number and phase	Circuit designat	tion	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	S Capacity	g Operating >> current, l∆n	Maximum Zs		inal circui ured end rn (Neutral)		(one co	rcuits olumn to opleted)		M Live - Earth	< Test voltage	✓ Polarity	Maximum measured Searth fault loop impedance Z <sub>S</sub>	B Disconnection stime	Test button Operation	▼ Test button ◆ Operation
1 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1 L3			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 L1	Lighting; East Corridor		А	B/C	13	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.62	N/A	N/A	>200	250	~	1.73	28.8/ 28.8	~	N/A
2 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 L3			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L1	Sockets; East Corridor	· .						0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.87	N/A	N/A	> 200	250	~	0.98	28.8/ 28.6	~	N/A
3 L2	Sockets; Kitchen A B/C 1					2.5	1.5	0.4	61009	В	32	10	30	1.37	0.63	0.62	1.03	0.39	N/A	N/A	> 200	250	~	0.50	29.0/ 29.0	~	N/A
3 L3	Lighting; West Corridor  A B/C 1					1.5	1.5	0.4	61009	В	6	6	30	7.28	N/A	N/A	N/A	1.06	N/A	N/A	>200	250	~	1.17	28.8/ 28.8	~	N/A
4 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	A	В			С				D			E			F	-		G		н				0 - 0	th or		
TYP	S FOR Thermoplastic E OF insulated/sheathed cables	Thermoplastic cables in metallic conduit			nermop cables			(	ermoplastic cables in allic trunking			ermop cables		g	Thermo	plastic		ermosettin NA cables		Miner insulated				N/.			
	BOARD CHARACTERI		TED T	о тн	E OR	IGIN (	OF TI	HE IN	STALLAT	ION																	
	to this distribution board			DB;	Gro	und	Floo	r Ext	ternal		of p	hase	es:	3					Coi	nfirmatic	n of su	pply p	olarity	y:			/
	Swit						loom 3 - Ty	ı /pe (	0	Ra	iting:			250	Α ,	Nomina √oltage	. 400	0/2 V	Zs:		0.	12 Ω	lpf	f:		2.:	2 kA
RCD	D BS(EN):									No	of p	oles	:	N/A		Rating:	3	0 AmA		connect e at In:	ion N/	'A ms	Di	sconr	ectio 5ln:	n N/	A ms
	DETAILS OF TEST INS ills of Test Instruments us		Lond	or oc	004 15	umb	oro).																				
	unctional:	•	1 and/ 0690(		รษเ ก	umbe		nsula	ition resis	stanc	e:								C	Continuit	v:						
	electrode resistance:								fault loop			ce:								RCD:							
	ESTED BY																										
Nam					Electricia	an				Signa	ature:		4					Da	te:	2	1/09/	2020	)				
	Name: ANDREW VAUGHAN Position:								_100111016	AII				0.9.10		. \	Dof	· AP00	14 4661	0.7		24	-0.				of 24

S	CHEDULE OF CIRCUIT DETAILS	AND	TES	TR	ESU	LTS																				
Distr	ibution board designation:				DB ·	1					Lo	catio	n:		Firs	t Floo	r; Cle	aners	Cupbo	ard						
					condu	cuit uctors:	time 7671	Overcur	rent pr		/e	RCD	BS7671	C	Circuit imp	edance	es (Ohm	s)		nsulation esistance			ured	RO	CD	AFDD
Circuit number and phase	Circuit designation	of wiring	Reference Method	Number of points served	Live		disconnect time mitted by BS7671	BS(EN)	Type No	ing	Capacity	Operating current, l∆n	Maximum Zs permitted by BS		nal circui ured end				- Live	e - Earth	< Test voltage	Polarity	Maximum measured searth fault loop impedance Zs	Disconnection	Test button Operation	Test button Operation
Circu and p		Туре	Refer	Numb	mm <sup>2</sup>	mm <sup>2</sup>	ω perm		Тур	> Rating	RA Ca	mA Cm.	ω May Deri	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	R <sub>1</sub> +R <sub>2</sub>	R <sub>2</sub>	ΩM	ο Σ ΜΩ	< Tes	<b>√</b> Pol	May imp	sm Dis	Tes Ope	Tes Ope
4 L3	Sockets; Rooms 204-206	Α	B/C	6	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.86	0.88	1.46	0.54	N/A	N/A	> 200	250	~	0.65	28.6/ 28.6	~	N/A
5 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5 L3	Sockets; Rooms 201-203	А	B/C	8	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.95	0.99	1.60	0.61	N/A	N/A	> 200	250	~	0.72	28.8/ 28.6		N/A
6 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 L2	Lighting; Kitchen	А	B/C	4	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.01	N/A	N/A	>200	250	~	1.12	26.8/ 26.4	~	N/A
6 L3	Sockets; West Corridor	Α	B/C	5	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	1.19	N/A	N/A	> 200	250	~	1.30	28.8/ 28.6	~	N/A
7 L1	Water Heater; Kitchen	А	B/C	1	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.40	N/A	N/A	>200	250	~	0.51	28.6/ 28.6	~	N/A
7 L2	Cooker 1	Α	B/C								10	30	1.37	N/A	N/A	N/A	0.31	N/A	N/A	>200	250	~	0.42	28.6/ 28.6	~	N/A
7 L3	Cooker 2	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.29	N/A	N/A	>200	250	~	0.40	28.8/ 28.8	~	N/A
8 L1	Cooker 3	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.33	N/A	N/A	>200	250	~	0.44	28.8/ 28.8	~	N/A
8 L2	Cooker 2	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.41	N/A	N/A	>200	250	~	0.52	29.0/ 28.4	~	N/A
8 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	A B			С				D			E			F			G		Н				0-0	ther		
TYP	S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in metallic conduit			nermop			(	ermoplastic cables in allic trunking		(	ermop cables		g	Thermo /SWA c	plastic		rmosettin VA cables		Miner insulated	ral			N/			

Ref: AR00146637

\$	CHEDULE OF CIRCU	IT DETAILS	AND	TES	TR	ESU	LTS																				
Distr	ibution board designation	:				DB 2	2					Lc	catio	n:		Secor	nd Flo	oor; C	leane	rs Cupl	ooard						
						condu	cuit uctors:	time 7671	Overcu	rrent p		/e	RCD	7671		Circuit imp	edance	es (Ohm	s)		nsulation esistance			ured	RC	D ,	AFDD
Circuit number and phase	Circuit designat	ion	Type of wiring	Reference Method	Number of points served	Live		ω Max disconnect time φ permitted by BS7671	BS(EN)	Type No	> Rating	S Capacity	B Operating ➤ current, l∆n	Maximum Zs permitted by BS7671	(meas	final circuit sured end t rn (Neutral)		(one co	rcuits olumn to opleted) R <sub>2</sub>		M Live - Earth	< Test voltage	✓ Polarity	Maximum measured B earth fault loop impedance Zs	B Disconnection stime	Test button Operation	Test button Operation
1 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
1 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1 L3	Lighting; Rooms 212 - 214		А	В/С	13	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.47	N/A	N/A	> 200	250	~	1.58	28.8/ 28.6	~	N/A
2 L1	Lighting; East Hallway		А	В/С	14	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.37	N/A	N/A	>200	250	~	1.48	29.0/ 28.8	~	N/A
2 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A
2 L3			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L1	Socket; East Corridor A B/C :  Lighting; West Corridor A B/C 1						1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.87	N/A	N/A	> 200	250	~	0.98	28.6/ 28.6	~	N/A
3 L2							1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.91	N/A	N/A	>200	250	~	2.02	28.8/ 28.8	~	N/A
3 L3	N/A N/A						N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	А	В			С				D			E				F		G		Н				0 - 0	thor		
TYP	S FOR Thermoplastic E OF insulated/sheathed cables	Thermoplastic cables in metallic conduit			nermopl cables			(	ermoplastic cables in allic trunking			ermop cables	olastic s in trunkin	g	Therm	oplastic cables		ermosettin NA cables		Mine insulated				N/			
	OARD CHARACTERI		TED T	о тн	E OR	IGIN (	OF TH	HE IN	STALLAT	ION																	
	to this distribution board		Main	DB;	Gro	und	Floo	r Ext	ternal		of p	hase	es:	3					Co	nfirmatio	on of sup	oply p	olarity	y:			
	Swit securrent protective device BS(EN): 60947-2						oom - Ty	ı /pe (	2	Ra	iting:			250		Nominal Voltage:	400	0/2 V	Zs:		0.	11 Ω	lpf	:. :		2.5	4 kA
RCD	D BS(EN):									No	of p	oles	:			Rating:	3	0 mA		connect e at ln:	ion	ms	Di	sconr ne at !		n	ms
	ETAILS OF TEST INS		l ond/	or oc	oot s	umb	\ro\.																				
	ils of Test Instruments us unctional:	•	1 and/ 0690(		set n	umbe		nsula	ition resis	stance	e:								C	Continuit	v:						
	electrode resistance:								fault loop			ce:								RCD:							
,	ESTED BY								<u>'</u>																		
Nam	_			F	Electricia	an				Signa	ature:		40					Da	te:	2	1/09/:	2020	)				
	Name: ANDREW VAUGHAN Position:								_100111016	AII				0.9.10		. \	Do	 f· ΔΡΩ	04.466	27		Da	-0.				of 24

S	CHEDULE OF CIRCUIT DETAILS	AND	TES	TR	ESU	LTS																				
Distr	ibution board designation:				DB 2	2					Lo	catio	n:		Seco	nd Flo	or; C	leane	rs Cupl	ooard						
					condu	cuit uctors: sa	time 7671	Overcur	rent pr		/e	RCD	BS7671	C	Circuit imp	pedance	es (Ohm	s)		nsulation esistance			nred	RC	CD	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	S Capacity	Operating current, l∆n	Maximum Zs permitted by BS	Ring fi (measi	inal circu ured end rn	to end)	(one co	rcuits lumn to pleted)	Live - Live	Live - Earth	< Test voltage		Maximum measured cearth fault loop impedance Zs	Disconnection time	Test button Operation	Test button Operation
ට සි 4 L3		N/A	N/A	N/A	mm <sup>2</sup>	mm <sup>2</sup> N/A		N/A	N/A	А	kA N/A	mA	Ω N/A	(Line) N/A	(Neutral) N/A	(cpc) N/A	N/A	N/A	MΩ N/A	MΩ N/A	V N/A	N/A	Ω N/A	ms N/A	N/A	N/A
5 L1		N/A				N/A		N/A		N/A				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			N/A
5 L2		N/A		N/A	N/A	N/A		N/A		N/A	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
5 L3	Sockets; Rooms 201-203	A	B/C	8	2.5	1.5		61009	В	32	10	+	1.37	0.95	0.99	1.60	0.34	N/A	N/A	> 200	250	V		28.8/		N/A
6 L1		N/A	N/A	N/A		N/A		N/A		N/A	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.8 N/A	N/A	N/A
6 L2		N/A						N/A	-	N/A		-		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
6 L3	Sockets; South Hallway	А	B/C	5	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	1.19	N/A	N/A	> 200	250	~	1.30	28.8/	~	N/A
7 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.6 N/A	N/A	N/A
7 L2	Sockets; Kitchen	А	B/C	16	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.39	N/A	N/A	> 200	250	~	0.50	28.8/	~	N/A
7 L3						N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.6 N/A	N/A	N/A
8 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Δ Ρ							D			F			-			G		Ц				0-0	ther		
TYP	S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in			nermop	in		(	ermoplastic cables in		(	ermop cables	olastic s in	a	Thermo	plastic		rmosettin VA cables		Miner	ral			N//			
TYP							(			(	cables	lastic	g		plastic					ral			0 - 01 N/			

S	CHEDULE OF CIRCU	IT DETAILS	AND	TES	T RI	ESU	LTS																				
Distr	bution board designation	n:				DB :	3					Lo	ocatio	n:		Third	l Floo	or, Cle	aners	Cupbo	oard						
				_		condu	cuit uctors: sa	time 7671	Overcuri	rent p levice		ve	RCD	1 Zs by BS7671	(	Circuit imp	edance	es (Ohm	s)		nsulation esistance			ured	RC	D	AFDD
Circuit number and phase	Circuit designal	tion	Type of wiring	Reference Method	Number of points served	Live mm <sup>2</sup>	cpc	ω Max disconnect time φ permitted by BS7671	BS(EN)	Type No	➤ Rating	∑ Capacity	g Operating ➤ current, l∆n	ມ Maximum Z <sub>s</sub> ອ permitted by BS	(meas	inal circui ured end rn (Neutral)		(one co	rcuits lumn to apleted)	ΩM ΩM	ΩM Live - Earth	< Test voltage	✓ Polarity	Maximum measured Searth fault loop impedance Zs	Bisconnection stime	▼ Test button Operation	▼ Test button ♦ Operation
1 L1	Lighting; Rooms 314-320		Α	B/C	15	1.5	1.0	0.4	61009	В	6	10		7.28	N/A	N/A	N/A	1.93	N/A	N/A	> 200	250	~	2.05	29.0/ 28.8	~	N/A
1 L2	Lighting; Rooms 308-309 3	12-313	А	B/C	8	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.25	N/A	N/A	> 200	250	~	1.37	29.0/ 28.8	~	N/A
1 L3	Lighting; Rooms 301-307		А	В/С	15	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.20	N/A	N/A	> 200	250	~	1.32	29.0/ 28.8	~	N/A
2 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 L3			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L2	Sockets; Corridor	Α	B/C	5	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.73	0.73	1.21	0.48	N/A	N/A	> 200	500	~	0.60	28.8/ 28.6	~	N/A	
3 L3	,					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	A	В			С				D			E			F			G		н				0 - 0	ther		
CODE TYP WIR	S FOR Thermoplastic E OF insulated/sheathed	Thermoplastic cables in metallic condu			nermopl cables netallic	in		(	ermoplastic cables in allic trunking			ermop cables	olastic s in trunkin	g	Thermo			ermosettin NA cables		Miner insulated				N/			
	OARD CHARACTERI		TED T	о тн	E ORI	IGIN (	OF TH	HE IN:	STALLATI	ON																	
Supply	to this distribution board	is from:	Main						ternal	No	of p	has	es:	3					Cor	nfirmatio	on of sup	oply p	olarity	<b>/</b> :			/
	irrent protective device		6	Swit 0947	ch R ′-2 ľ	loom MCC	B B		Ra	ating:			250	Α 1	Nominal /oltage:	400	0/2 V	Zs:		0.	13 Ω	lpf	:		3.4	4 kA	
RCD	D BS(EN):									No	of p	oles	s:			Rating:	3	0 mA		connect e at In:	ion	ms		sconn	ectior 5ln:	1	ms
_	ETAILS OF TEST INS ils of Test Instruments us			or oc	cot n	umba	ore).																				
	ins of Test Instruments as inctional:	•	06900		set III	umbe	1	nsula	tion resis	tanc	e:								C	Continuit	v:						
	electrode resistance:								fault loop			ce:								RCD:							
	ESTED BY																										
Nam		on:			F	Electricia	n				Signa	iture:		40					Da	te:	2	3/09/2	2020	)			
	m is based on the model					71.0	010							2.30			Do	 f· ΛΡΩ	24.466	27							of 24

S	CHEDULE OF CIRCUIT DETAILS	AND	TES	TR	ESU	LTS																				
Distr	ibution board designation:				DB :	3					Lo	catio	n:		Third	d Floo	or, Cle	aners	S Cupbo	oard						
					condu	cuit uctors:	time 7671	Overcur	rent pr		ve	RCD	BS7671	C	Circuit imp	oedance	es (Ohm	s)		nsulation esistance			ured	RC	CD	AFDD
Circuit number and phase	Circuit designation	oe of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, l∆n	Maximum Zs permitted by BS	Ring fi (measu	inal circui ured end rn	ts only to end)	(one co	rcuits lumn to ppleted)	Live - Live	Live - Earth	< Test voltage		Maximum measured searth fault loop impedance Z <sub>S</sub>	Disconnection	Test button Operation	Test button Operation
		Type				mm <sup>2</sup>	S			Α	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	ΜΩ		V	5.2	IIIS	V	~
4 L3	Sockets; Rooms 304-307	A	B/C	12	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.88	0.89	1.47	0.55	N/A	N/A	> 200	250	~		28.6/ 28.6		N/A
5 L1		N/A	N/A			N/A		N/A		N/A	-		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
5 L2		N/A		N/A	N/A	N/A		N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			N/A
5 L3	Sockets; Rooms 301-303	А	B/C	16	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.96	0.96	1.54	0.58	N/A	N/A	> 200	250	~		28.6		N/A
6 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 L2	Lighting; Kitchen	А	B/C	7	1.5	1.5	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.12	N/A	N/A	> 200	250	~	1.24	29.2/ 29.0	~	N/A
6 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7 L1	Water Heater; Kitchen	Α	B/C	1	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.29	N/A	N/A	> 200	250	~	0.41	28.8/ 28.8	~	N/A
7 L2	Cooker 1	А	В/С	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.33	N/A	N/A	> 200	250	~	0.45	28.6/ 28.6	~	N/A
7 L3	Cooker 2	A B/C 2 6 A B/C 2 6					0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.31	N/A	N/A	> 200	250	~	0.43	28.8/ 28.6	~	N/A
8 L1	Cooker 3	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.37	N/A	N/A	> 200	250	~	0.49	28.6/	~	N/A
8 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.6 N/A	N/A	N/A
8 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
											_															
																							<u> </u>			
	A B			С				D			E			F			G		Н				0 - 0	ther		
TYP	S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in metallic conduit conduits the cables in metallic conduits cables in metallic cabl			nermopl cables netallic	in		(	ermoplastic cables in allic trunking			ermop cables etallic		g	Thermo /SWA o			rmosettin VA cables		Mine insulated				N/	A		

S	CHEDULE OF CIRCU	IIT DETAILS	AND	TES	T RI	ESU	LTS																				
Distri	bution board designation	n:				DB :	5					Lo	catic	n:		Fiftl	n Floo	or Clea	aners	Cupbo	ard						
				7		Cir condu	cuit uctors: sa	time 37671	Overcuri	rent p		ve	RCD	37671	(	Circuit imp	pedance	es (Ohm	s)		nsulation esistance			ured	RC	D .	AFDD
Circuit number and phase	Circuit designa	tion	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, l∆n	Maximum Zs permitted by BS7671	(meas	inal circui ured end	to end)	(one co		Live - Live	e - Earth	< Test voltage	Polarity	Maximum measured earth fault loop impedance Zs	Disconnection time	Test button Operation	Test button Operation
Circu			Туре	Refer	Numb	mm <sup>2</sup>	mm <sup>2</sup>	s Ma		TyT	y Rai	RA Ca	d in MA	ω Ma	(Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	R <sub>1</sub> +R <sub>2</sub>	R <sub>2</sub>	Š MΩ	- N Ω MΩ	Z Tes	Pol	Ma Θ ear imp	sm Dis	o d	<b>√</b> Op
1 L1	Lighting; Rooms 514-520		А	B/C	15	1.5	1.0	0.4	61009	В	6	10		7.28	N/A	N/A	N/A	0.42	N/A	N/A	> 200	250	~	0.56	28.6/ 28.8	~	N/A
1 L2	Lighting; Rooms 512-513		А	B/C	4	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	0.56	N/A	N/A	> 200	250	~	0.70	28.6/ 28.6	~	N/A
1 L3	Lighting; Rooms 501-507		А	B/C	15	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.07	N/A	N/A	> 200	250	~	1.21	28.6/ 28.6	~	N/A
2 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A
2 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 L3			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L3			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	A	В			С				D			E			F	:		G		н				0 - 01	her		
CODE TYPI WIR	S FOR Thermoplastic E OF insulated/sheathed	Thermoplastic cables in metallic condui			nermopl cables netallic	in		(	ermoplastic cables in allic trunking			ermop cables		g	Thermo			ermosettin WA cables		Miner insulated				N/A			
	OARD CHARACTERI		TED T	о тн	E ORI	IGIN (	OF TH	HE IN	STALLATI	ION																	
Supply	to this distribution board	is from:	Main						ternal	No	of p	has	es:	3					Cor	nfirmatio	n of sup	oply p	olarity	<b>/</b> :			
	rrent protective device distribution circuit:	BS(EN):			Swit	cn R	1000			Ra	ating:					Nomina √oltage		V	Zs:		0.	14 Ω	lpf	:		2.8	8 kA
RCD		BS(EN):								No	of p	oles	:			Rating:		mA		connect e at In:	ion	ms		sconn ne at t	ectior 5In:	1	ms
_	ETAILS OF TEST INS ils of Test Instruments us	ers):																									
	ınctional:				nsula	tion resis	tanc	e:								C	continuit	y:									
Earth 6	electrode resistance:		Е	arth	fault loop	imp	edan	ce:							R	RCD:											
T	ESTED BY																										
Nam		AUGHAN	1	Positi	on:			E	Electricia	ın				Signa	iture:	<	Y					Da	te:	2	3/09/2	2020	)
T1 : (	m is based on the model	1.	0 ( 5	20.70	74.0	040										_	· ^ D O	24.466	0.7					Dogg	40		

																		LTS	ESU	TR	TES	AND	CIRCUIT DETAILS	CHEDULE OF CIRC		
				ard	Cupbo	aners	or Clea	n Floo	Fiftl		n:	catio	Lo					5	DB				signation:	ibution board designatio	Dist	
RCD AFDD	nred			nsulation esistance		s)	es (Ohm	oedance	ircuit imp	С	BS7671	RCD	/e		rrent pi	Overcur	time 7671		Cir							
Disconnection time Test button Operation Test button Operation	Maximum measured cearth fault loop impedance Zs		< Test voltage	Live - Earth	Live - Live	rcuits lumn to pleted)	(one co	to end)	nal circui ıred end <sup>r</sup> n	Ring fi (measu	Maximum Zs permitted by BS	Operating current, l∆n	Capacity	Rating	Type No	BS(EN)	Max disconnect time permitted by BS7671	срс	Live	Number of points served	Reference Method	e of wiring	cuit designation	Circuit designa	Circuit number and phase	
1115	52	-		ΜΩ	MΩ			(cpc)	(Neutral)	(Line)	Ω	mA	kA	A			S		mm <sup>2</sup>			Туре				
28.4/ <b>V</b> N/A 28.6		~	250	> 200	N/A	N/A	0.64	1.62	0.95	0.96	1.37	30	10	32	В	61009	0.4	1.5	2.5	12	B/C	Α	503-507	Sockets; Rooms 503-507	4 L3	
N/A N/A N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A			5 L1	
N/A N/A N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			5 L2	
28.6/ V N/A	0.78	~	250	> 200	N/A	N/A	0.64	1.61	0.96	0.96	1.37	30	10	32	В	61009	0.4	1.5	2.5	12	B/C	Α	501-502	Sockets; Rooms 501-502	5 L3	
28.6 N/A N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			6 L1	
N/A N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			6 L2	
28.6/ <b>V</b> N/A	1.40	~	250	> 200	N/A	N/A	1.26	N/A	N/A	N/A	2.19	30	10	20	В	61009	0.4	1.5	2.5	4	B/C	Α	,	Sockets; Hallway	6 L3	
N/A N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			7 L1	
N/A N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			7 L2	
N/A N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			7 L3	
N/A N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			8 L1	
N/A N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			8 L2	
N/A N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			8 L3	
															+											
															+											
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her	O - Otl				Н		G			F			Е			D				A B C						
				ral	Mine insulated		rmosettin VA cables		plastic	Thermo	1		ermop			ermoplastic cables in allic trunking	(		in	CODES FOR Thermoplastic Thermoplastic TYPE OF insulated/sheathed cables in cables in						
D - Oth				ral	Mine		rmosettin		plastic	Thermo	J	in	ermop			ermoplastic cables in	(		in	cables			noplastic Thermoplastic sheathed cables in	E OF insulated/sheathed	TYP	

S	CHEDULE OF CIRCU	IIT DETAILS	AND	TES	T RI	ESU	LTS																			
Distr	ibution board designation	n:			I	DB 5	а					Lo	ocatio	n:		Fiftl	n Floo	or Clea	aners	Cupbo	ard					
				_		Cir	cuit uctors:	time 7671	Overcuri	rent p		ve	RCD	7671		Circuit imp	oedance	es (Ohm	s)		nsulation esistance			ured	RC	D AFD
Circuit number and phase	Circuit designal	tion	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect permitted by BS	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z <sub>s</sub> permitted by BS7671	(meas	final circui sured end	to end)		rcuits lumn to pleted)	Live - Live	Live - Earth	< Test voltage	Polarity	Maximum measured earth fault loop impedance Z <sub>S</sub>	Disconnetime	Test button Operation Test button Operation
1 L2	Cooker 1		A	B/C	2	mm <sup>2</sup>	mm <sup>2</sup>	0.4	61009	В	32	10	30	Ω 1.37	(Line) N/A	(Neutral) N/A	(cpc) N/A	0.22	N/A	MΩ N/A	MΩ > 200	250	V	Ω 0.35	ms 28.8/	V V
2 L2	Cooker 2		A	B/C	2	6	2.5	0.4	61009	В	32	10		1.37	N/A	N/A	N/A	0.23	N/A	N/A	> 200	250	~		28.6	✓ N/A
3 L2	Cooker 3		A	B/C	2	6	2.5	0.4	61009	В	32	10		1.37	N/A	N/A	N/A	0.20	N/A	N/A	> 200	250	~		28.6/ 28.6/	✓ N/A
4 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.6 N/A	N/A N/A
5 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A				
6 L2	Water Heater; Kitchen		2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.42	N/A	N/A	> 200	250	~	0.55	28.6/	✓ N/A			
7 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.6 N/A	N/A N/A					
8 L2	Lighting; Kitchen & Rooms	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.15	N/A	N/A	> 200	250	~	1.28	28.6/	✓ N/A					
9 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.6 N/A	N/A N/A				
10 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A			
11 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A
	Α	В			С				D			E				F		G		н				0 - 0	ther	
TYP	S FOR Thermoplastic FE OF insulated/sheathed cables	Thermoplastic cables in metallic condu			nermopl cables netallic	in		С	rmoplastic ables in Ilic trunking			cables	olastic s in trunkir	g		oplastic cables		rmosettin VA cables		Miner insulated				N/		
	OARD CHARACTERILIES WHEN THE BOARD IS		TED 1	о тн	E ORI	IGIN (	OF TH	IE INS	STALLATI	ON																
Supply	to this distribution board	is from:		D	B 5 (	Circu	iit 6 I	L2		No	of p	has	es:	1					Co	nfirmatio	on of sup	oply p	olarity	y:		~
	urrent protective device distribution circuit:	BS(EN):		608	98 N	1CB	- Тур	oe C		Ra	ating:			63		Nomina Voltage		80 V	Zs:		0.	13 Ω	lpf	:		1.70 k
RCD		BS(EN):								No	of p	oles	s:			Rating:		mA		connect e at In:	ion	ms		sconr ne at (		n m
_	DETAILS OF TEST INStills of Test Instruments us																									
	unctional:		nsulat	ion resis	tanc	e:								C	Continuit	y:										
Earth 6	electrode resistance:	Е	arth f	ault loop	imp	edan	ce:							F	RCD:											
	ESTED BY																									
Nam	_			Е	Electricia	n				Signa	ature:	<	Y					Da	te:	2	3/09/	2020				
T1 : 6		74.0	040											- A D O	24.400	07						15 of 2				

S	CHEDULE OF CIRCUIT DETAIL	S AND	TES	ST R	ESU	LTS																				
Distri	ibution board designation:				DB 5	ia					Lo	catio	n:		Fift	h Floc	or Clea	aners	Cupbo	ard						
			75		Cir	cuit uctors: sa	time 37671	Overcur	rent pr	rotectiv	ve	RCD	1292	C	Circuit im	pedance	es (Ohm	s)	l re	nsulation esistance			ured	RC	D	AFDD
umber	Circuit designation	iring	e Method	pev.			sconnect ad by BS		0		2	ng I∆n	um Zs ed by BS	Ring fi	inal circu ured end	its only to end)	All cir (one co be com	rcuits lumn to pleted)	ive	arth	ltage		um meas tult loop nce Z <sub>s</sub>	nection	on	on
Circuit number and phase		Type of wiring	Reference Method	Number or points ser	Circondu c	cpc mm <sup>2</sup>	ω Max dis	BS(EN)	Type No	> Rating	∑ Capacity	a Operating ➤ current, l∆n	Maximum Z <sub>S</sub> Dermitted by BS7671	r <sub>1</sub>	r <sub>n</sub> (Neutral)		R <sub>1</sub> +R <sub>2</sub>	R <sub>2</sub>	Ω Live - Live	Ω Live - Earth	< Test voltage	▼ Polarity	Maximum measured Searth fault loop impedance Zs	Disconi grime	▼ Test button Operation	▼ Test button ◆ Operation
12 L2		N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
																										-
																										-
																										-
	A B							D			E			F			G		н				0 - 0	thor		
CODES TYPE WIR	S FOR Thermoplastic Thermopla E OF insulated/sheathed cables in	ables in cables in						ermoplastic cables in allic trunking		(	ermop			Thermo /SWA	plastic		rmosetting VA cables		Miner insulated	ral			N/.			

8	CHEDULE OF CIRCUIT	Γ DETAILS	AND	TES	T RI	ESU	LTS																				
Distr	ibution board designation:					DB (	6					Lo	catio	n:		Sixtl	n Floo	or Cle	aners	Cupbo	ard						
				_		cond	cuit uctors: sa	time 7671	Overcur	rent p levice		ve	RCD	1201	(	Circuit imp	edance	s (Ohm	s)		nsulation esistance			ured	RC	D AFI	DD
Circuit number and phase	Circuit designation	n	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, l∆n	Maximum Zs permitted by BS7671		inal circuit ured end t			rcuits lumn to pleted)	Live - Live	Live - Earth	< Test voltage	Polarity	Maximum measured earth fault loop impedance Z <sub>S</sub>	Disconnection time	Test button Operation Test button	Operation
그 FE 1 L1	Lighting: Rooms 615-620		A	B/C	<u> </u>	mm <sup>2</sup>		S	61009	В	6	10	mA	Ω 7.28	(Line) N/A	(Neutral) N/A	(cpc) N/A	2.71	N/A	MΩ N/A	MΩ > 200	250	V	2.89	ms 29.2/	v N/	_
	3 37						1.0					-	-												28.8		$\dashv$
1 L2	Lighting; Rooms 614-612		A	B/C	6	1.5		0.4	61009	В	6	10	-	7.28	N/A	N/A	N/A	2.79	N/A	N/A	> 200	250	~		28.6/	✓ N/	
1 L3	Lighting; Rooms 601-606		A	B/C	13	1.5	1.0	0.4	61009	В	6	10	-	7.28	N/A	N/A	N/A	2.00	N/A	N/A	> 200	250	~		29.0/ 28.6	✓ N/	
2 L1	Lighting; Hallway		A	B/C	14	1.5	1.0		61009	В	6	10		7.28	N/A	N/A	N/A	1.67	N/A	N/A	> 200	250	~		28.0/ 23.3	✓ N/	
2 L2	Water Heater; Kitchen		A	B/C	1	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.45	N/A	N/A	> 200	250	~		28.6/ 28.6	✓ N/	
2 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/					
3 L1	Sockets; South Hallway	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.75	N/A	N/A	> 200	250	~	0.93	28.6/ 28.6	✓ N/	Α				
3 L2	Sockets; North Hallway		А	B/C	4	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	1.42	N/A	N/A	> 200	250	~	1.60	28.6/ 28.6	✓ N/	Α
3 L3	Lighting; Corridor		А	B/C	19	1.5	1.0	0.4	61009	В	6	6	30	7.28	N/A	N/A	N/A	1.03	N/A	N/A	> 200	250	~	1.21	43.3/	✓ N/	Α
4 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/	Α
4 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/	Α
									_								ı										
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	B Thermoplastic cables in metallic conduit			nermopl cables netallic	in		(	D ermoplastic cables in allic trunking			ermop cables etallic		g	Thermo	plastic		G rmosettin VA cables		Miner insulated				0 - 0 N/			
APPL	BOARD CHARACTERIS LIES WHEN THE BOARD IS N	NOT CONNEC																									
	to this distribution board is	s from:	Mair	) DB;	Swit	und ch R	Floo com	r Ext	ernal		of p		es:	3		Nominal			Coi	nfirmatio	on of sup	oply p	olarity	y:		~	
	urrent protective device distribution circuit:	BS(EN):		6	Swit 0947	7-2 I	ЙČС	В		Ra	ating:			250		√oltage:		)/2 V	Zs:			18 Ω	lpf			3.40 k	ίA
RCD		BS(EN):								No	of p	oles	:		I	Rating:	31	mA		connect e at In:	ion	ms		sconr ne at	nectioi 5 <u>ln:</u>	n n	ns
	DETAILS OF TEST INST ills of Test Instruments use	ere).																									
	unctional:		nsula	tion resis	tanc	e:								C	Continuit	v:											
Earth 6	electrode resistance:	E	arth	fault loop	imp	edan	ce:								RCD:	,											
	ESTED BY																										
Nam				F	Electricia	ın				Signa	iture:		4					Da	te:	2	3/09/:	2020					
		74.0	040							3			-		24.466	07						17 of	_				

S	CHEDULE OF CIRCUIT DETAILS	AND	TES	TR	ESU	LTS																				
Distr	ibution board designation:				DB (	6					Lo	catio	n:		Sixt	h Floo	or Cle	aners	Cupbo	ard						
					condu	cuit uctors:	time 7671	Overcur	rent pr		/e	RCD	BS7671	C	Circuit imp	oedance	es (Ohm	s)		nsulation esistance			ured	R	CD	AFDD
Circuit number and phase	Circuit designation	of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Zs permitted by BS	Ring fi (measu	inal circu ured end	to end)	(one co	rcuits lumn to pleted)	Live - Live	/e - Earth	< Test voltage		Maximum measured searth fault loop impedance Zs	Disconnection time	Test button Operation	Test button Operation
Circ		Туре	Refe	Num	mm <sup>2</sup>	mm <sup>2</sup>	Š ĕ S		\	Ã	κA	mA	Σ α Ω	(Line)	(Neutral)	(cpc)	111112		E MΩ	MΩ	> Te	<b>√</b> Pc	≅.6 ₹	ms ∰ i⊡ i	<b>V</b>	J O
4 L3	Sockets; Rooms 604-606	Α	B/C	12	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.87	0.84	1.44	0.52	N/A	N/A	> 200	250	~	0.70	28.6/ 28.6	~	N/A
5 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5 L3	Sockets; Rooms 601-603	А	B/C	16	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.95	0.94	1.59	0.59	N/A	N/A	> 200	250	N/A	0.78	28.6/	~	N/A
6 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 L3	Sockets; Kitchen	А	B/C	12	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.48	0.48	0.78	0.30	N/A	N/A	> 200	250	N/A	0.48	29.3/ 29.0	~	N/A
7 L1	Cooker 1	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.31	N/A	N/A	> 200	250	N/A	0.47	28.6/ 28.6	~	N/A
7 L2	Cooker 2	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.32	N/A	N/A	> 200	250	N/A	0.50	29.0/ 29.4	~	N/A
7 L3	Lighting; Kitchen	А	B/C	8	1.5	1.5	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.07	N/A	N/A	> 200	250	N/A	1.25	28.6/ 28.6	~	N/A
8 L1	Cooker 3	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.34	N/A	N/A	> 200	250	N/A	0.52	28.0/ 28.0	~	N/A
8 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
								_																		
	A B C							D			Е			F			G		Н				0 - 0	ther		
TYP	S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in metallic condu			nermopl cables netallic	in		(	ermoplastic cables in allic trunking		(	ermop cables etallic		g	Thermo /SWA o			rmosettin VA cables		Mine insulated				N/	Ά		

S	CHEDULE OF CIRCU	IT DETAILS	AND	TES	TR	ESU	LTS																				
Distr	bution board designation	1:				DB	7					Lo	ocatio	n:		7th	Floc	or clea	ners	cupboa	rd						
				70		condu	cuit uctors: sa	time 37671	Overcui	rrent p		ve	RCD	37671		Circuit imp	edance	es (Ohm	s)		nsulation esistance			measured loop e Zs	R	CD	AFDD
Circuit number and phase	Circuit designat	tion	Type of wiring	Reference Method	Number of points served	Live mm <sup>2</sup>	i i	Max disconnect time φ permitted by BS7671	BS(EN)	Type No	➤ Rating	S Capacity	B Operating Securent, I∆n	Maximum Zs permitted by BS7671		final circuit sured end t rn (Neutral)	r <sub>2</sub>	(one co	rcuits Dumn to <u>ppleted)</u> R <sub>2</sub>	ΩM MΩ	M Live - Earth	< Test voltage	▼ Polarity	Maximum meas Searth fault loop impedance Zs	B Disconnection with time	✓ Test button ✓ Operation	✓ Test button Operation
1 L1	Lighting; Rooms 714-720		A	B/C	16	1.5	1.0	0.4	61009	В	6	10		7.28	N/A	N/A	(cpc) N/A	3.48	N/A	N/A	> 200	250	~	3.63	29.0/	~	N/A
1 L2	Lighting; Rooms 712-713		А	B/C	4	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.34	N/A	N/A	> 200	250	~	1.49	19.1 29.7/	~	N/A
1 L3	Lighting; Rooms 701-707		А	B/C	13	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.74	N/A	N/A	> 200	250	~	1.89		~	N/A
2 L1	Lighting; Hallway		А	B/C	13	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.20	N/A	N/A	> 200	250	~	1.35	29.0	~	N/A
2 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.6 N/A	N/A	N/A
2 L3			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 L3	Lighting; Hallway		А	В/С	19	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.11	N/A	N/A	> 200	250	~	1.26	29.0/ 29.0	~	N/A
4 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Δ.	В			С				D			E				F		G		н				0 - 0	thor		
CODE TYP WIR	E OF insulated/sheathed	Thermoplastic cables in metallic condui			nermop cables			(	ermoplastic cables in allic trunking			ermop cables	olastic s in trunkin	g	Therm	oplastic cables		rmosettin VA cables		Miner insulated				N/			
	OARD CHARACTERI		TED T	о тн	E OR	IGIN (	OF TI	HE IN	STALLAT	ION																	
Supply	to this distribution board	is from:	Mair						ternal	No	of p	hase	es:	3					Co	nfirmatio	n of sup	oply p	olarity	y:			/
	rrent protective device distribution circuit:	BS(EN):		6	947 0947	ch R 7-2 I	VOOM VICC	B B		Ra	ating:			250	Α	Nominal Voltage:	400	)/2 V	Zs:		0.	15 Ω	lpf	f:		2.2	2 kA
RCD	distribution circuit.	BS(EN):								No	of p	oles	s:			Rating:	3	mA		connect e at In:	ion	ms		sconr		n	ms
	ETAILS OF TEST INS ils of Test Instruments us	ore).																									
	unctional:	GIII D		nsula	ition resis	tanc	e:								C	Continuit	y:										
Earth 6	electrode resistance:	E	arth	fault loop	imp	edan	ce:							F	RCD:												
	ESTED BY																										
Nam	_		Positi	on:			E	Electricia	an				Signa	ature:	<	YT					Da	te:	2	3/09/	2020	)	
T1 : 6		1 · A	- 1.	C -4 F	20.70	74.0	040										_	F. A D O	04.400	07						0. 10	

CHEDULE OF CIRCUIT DETAILS	AND	TES	T R	ESU	LTS																				
ibution board designation:				DB T	7					Lo	catio	n:		7th	n Floc	or clea	ners	cupboa	ırd						
				condu	ictors:	time 7671				/e	RCD	7671	C	Circuit imp	pedance	es (Ohm	s)					ured	R	CD	AFDD
Circuit designation	rpe of wiring	eference Method	umber of pints served	Live	срс	Max disconnect permitted by BS	BS(EN)	Type No	Rating	Capacity	Operating current, l∆n	Maximum Zs permitted by	Ring fi (measu	nal circui ured end rn	its only to end)	(one con	lumn to pleted)	Live - Live	Live - Earth	Test voltage	Polarity	Maximum meas earth fault loop impedance Zs	Disconnection time	Test button Operation	Test button Operation
						s N/A	N/A	N/A	Α	kA	mA	Ω	(Line) N/A	(Neutral) N/A	(cpc)	N/A	N/A		ΜΩ			52	1115	~	N/A
																					1				
	N/A	N/A	N/A				N/A	-										N/A	N/A						
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cooker 3	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.54	N/A	N/A	> 200	250	~	0.50	28.6/	~	N/A
Cooker 2	А	В/С	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.64	N/A	N/A	> 200	250	~	0.64	29.0/	~	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cooker 1	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.14	N/A	N/A	> 200	250	~	0.29	28.6/	~	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
																					<u> </u>	<u> </u>			
A B			С				D			Е			F			G		Н				0-0	ther		
S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in			ermopl cables	in		(	ermoplastic cables in		(	ermop	in		Thermo	plastic		rmosettin		Mine	ral						
	Circuit designation  Circuit designation  Cooker 3  Cooker 2  Cooker 1  S FOR Thermoplastic insulated/sheathed insulated/sheathed cables in cables in	Circuit designation  Circuit designation  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Circuit designation  Circuit designation  N/A	Circuit designation   Design	Circuit designation  Circuit designation  Circuit designation  N/A	Circuit designation	Circuit designation	Circuit designation	Circuit designation:	Circuit designation   Supply   Supply	Circuit designation:	Circuit designation:	Circuit designation:	Circuit designation   Circuit designation	Circuit designation:	Circuit designation:	Circuit designation   Circuit designation	Circuit designation:	Circuit designation:	Circuit designation   Circuit designation	Circuit designation   Circuit designation	Circuit designation:   Substitute   Substi	Cricuit designation   Cricuit designation	Characterise   Char	Curcuit designation   Curcuit designation

S	CHEDULE OF CIRCUI	T DETAILS	AND	TES	T RI	ESU	LTS																			
Distr	ibution board designation:					DB 4	4					Lo	catio	n:		Four	h Flo	or Cle	eaner	s Cupb	oard					
				_		condu	cuit uctors:	time 7671	Overcuri d	rent p levice		ve	RCD	1201	(	Circuit imp	edance	es (Ohm	s)		nsulation esistance			ured	RC	D AFD
Circuit number and phase	Circuit designation	on	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, l∆n	Maximum Z <sub>S</sub> permitted by BS7671	(meas	inal circuitured end	to end)	(one co		Live	e - Earth	< Test voltage	Polarity	Maximum measured earth fault loop impedance Z <sub>S</sub>	Disconnection time	Test button Operation Test button
Circu and I			Туре	Refer	Numk	mm <sup>2</sup>	mm <sup>2</sup>			Į,	A Ra	kA Ca	MA	Ω Der	(Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	R <sub>1</sub> +R <sub>2</sub>	R <sub>2</sub>	ω Γίν ΩΜ	ΩM ΩM	Z Teg	Pol	Ω imp	sm Dis	
1 L1	Lighting; Rooms 418-420		А	B/C	7	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	2.69	N/A	N/A	> 200	250	~	2.85	29.0/ 18.6	✓ N/A
1 L2	Lighting; Rooms 412-414		А	B/C	6	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.43	N/A	N/A	> 200	250	~	1.59	28.8/ 28.8	✓ N/A
1 L3	Lighting; Rooms 401-406		А	В/С	13	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	3.62	N/A	N/A	> 200	250	~	3.78	28.8/ 28.8	✓ N/A
2 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A
2 L2			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A
2 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A				
3 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A				
3 L2	Sockets; East Corridor	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	1.70	N/A	N/A	> 200	250	~	1.86	28.8/ 28.6	✓ N/A				
3 L3			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A
4 L1			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A
4 L2	Sockets; Rooms 407-409		Α	B/C	12	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.70	0.70	1.17	0.43	N/A	N/A	> 200	250	~	0.58	28.6/ 28.6	✓ N/A
	A	В			С				D			E			F	•		G		Н				0 - 0	ther	
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic condui			nermopl cables netallic	in		C	ermoplastic cables in allic trunking			ermop cables etallic		g	Thermo			rmosettin VA cables		Miner insulated				N/	A	
	OARD CHARACTERIS LIES WHEN THE BOARD IS		TED T	о тн	E ORI	GIN (	OF TH	IE INS	STALLATI	ON																
Supply	to this distribution board	is from:	Mair						ernal	No	of p	hase	es:	3					Co	nfirmatio	on of sup	oply p	olarity	y:		V
	urrent protective device distribution circuit:	BS(EN):		6	Swit 0947	ch R '-2	oom MCC	В		Ra	ating:			250		Nominal /oltage:	400	)/2 V	Zs:		0.	22 Ω	lpf	f:		1.10 k
RCD	distribution offetit.	BS(EN):								No	of p	oles	:			Rating:	3	mA		connect e at In:	ion	ms		sconr	nection 5 <u>ln:</u>	n m
_	DETAILS OF TEST INS tils of Test Instruments use	re).																								
	unctional:		nsula	tion resist	tanc	e:									Continuit	y:										
Earth 6	electrode resistance:	Е	arth	fault loop	imp	edan	ce:							F	RCD:											
	ESTED BY																									
Nam				E	Electricia	n				Signa	ture:	<	YT					Da	te:	2	3/09/:	2020				
T	1 3 1 2 1 1 2 1 1	74.0	040			-								- A D O	24.400	07						24 of 1				

S	CHEDULE OF CIRCUIT DETAILS	AND	TES	TR	ESU	LTS																				
Distr	ibution board designation:				DB 4	4					Lo	catio	n:		Four	th Flo	or Cle	eaners	s Cupb	oard						
					condu	cuit uctors:	time 7671	Overcur	rent pr		ve	RCD	BS7671	C	Circuit imp	oedance	es (Ohm	s)		nsulation esistance			nred	RC	CD	AFDD
Circuit number and phase	Circuit designation	of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, l∆n	Maximum Zs permitted by BS	(measu	inal circui ured end	to end)	All cir (one co be com	lumn to pleted)	- Live	re - Earth	< Test voltage		Maximum measured earth fault loop impedance Zs	Disconnection	Test button Operation	Test button Operation
Circland		Туре	Refe	Num	mm <sup>2</sup>	mm <sup>2</sup>	be W		T	A Ra	kA	o B mA	ω Ω	(Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	N1+N2	R <sub>2</sub>	ΩM	ΩM	A Te	<b>∧</b> Po	Ξ.e.Z	ms Ei Di	<b>√</b> Op	<b>√</b> Og
4 L3	Sockets; Rooms 404-406	А	B/C	12	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.86	0.86	1.43	0.54	N/A	N/A	> 200	250	~	0.70	29.0/ 28.8	~	N/A
5 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5 L3	Sockets; Rooms 401-403	А	B/C	16	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.96	0.96	1.59	0.61	N/A	N/A	> 200	250	~	0.77	28.8/ 28.6	~	N/A
6 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 L2	Lighting; Kitchen	А	B/C	7	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	0.95	N/A	N/A	> 200	250	~	1.11	29.0/ 29.7	~	N/A
6 L3	Sockets; Corridor	А	B/C	4	2.5	1.0	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	1.31	N/A	N/A	> 200	250	~	1.47	28.6/ 28.6	~	N/A
7 L1	Water Heater; Kitchen	А	B/C	1	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.23	N/A	N/A	> 200	250	~	0.39	28.8/ 28.8	~	N/A
7 L2	Cooker 1	А	B/C	2	6	2.5	0.4	61009	В	32	10	30	1.37	N/A	N/A	N/A	0.30	N/A	N/A	> 200	250	~	0.46	28.8/ 28.8	~	N/A
7 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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CODE	A B		TL	C	lootio		The	D		Th	E			F			G		Н				0 - 0	ther		
TYP	SFOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in metallic conduiting conduiting cables in metallic cables in			ermopl cables netallic			(	ermoplastic cables in allic trunking		(	ermop cables etallic		g	Thermo /SWA o			rmosetting VA cables		Mine insulated				N/	Α		

\$	CHEDULE OF CIRCUIT DETAILS	AND	TES	T RI	ESU	LTS																				
Distr	ibution board designation:				DB 8	В					Lo	catio	n:		Eight	h Flo	or Cle	eaner	s Cupbo	oard						
					condu	cuit uctors:	time 7671	Overcuri d	rent p levice		ve	RCD	7671	(	Circuit imp	edance	s (Ohm	s)		nsulation esistance			nred	RC	D AF	DD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, l∆n	Maximum Zs permitted by BS7671		inal circuit ured end t			rcuits lumn to pleted)	Live - Live	Live - Earth	< Test voltage	Polarity	Maximum measured earth fault loop impedance Z <sub>S</sub>	Disconnection time	Test button Operation Test button	Operation
					mm <sup>2</sup>		S			Α	kA	mA	Ω	(Line)	(Neutral)	(cpc)			ΜΩ	MΩ		~	Ω	ms	V 1	/_
1 L1	Lighting; Rooms 815-820	A	B/C	13	1.5	1.0	0.4	61009	В	6	10	-	7.28	N/A	N/A	N/A	3.28	N/A	N/A	> 200	250	~	3.46	28.8/ 28.8		/A
1 L2	Lighting; Rooms 807-809 812-814	A	B/C	12	1.5	1.0		61009	В	6	10	-	7.28	N/A	N/A	N/A	2.86	N/A	N/A	> 200	250	~		29.1/ 28.8		/A
1 L3	Lighting; Rooms 801-806	A	B/C	13	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	3.38	N/A	N/A	> 200	250	~	3.56	28.3/ 26.5	✓ N	/A
2 L1	Lighting; North Corridor	A	B/C	14	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.36	N/A	N/A	> 200	250	~	1.54	28.6/ 28.6	✓ N	/A
2 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	> 200	250	N/A	N/A		N/A N	/A
2 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	> 200	250	N/A	N/A	N/A	N/A N	/A			
3 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	> 200	250	N/A	N/A	N/A	N/A N	/A			
3 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	> 200	250	N/A	N/A	N/A	N/A N	/A			
3 L3	Lighting; South Corridor	А	В/С	18	1.5	1.0	0.4	61009	В	6	10	30	7.28	N/A	N/A	N/A	1.08	N/A	N/A	> 200	250	~	1.26	26.4/	✓ N	/A
4 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26.8 N/A	N/A N	/A
4 L2	Sockets; Rooms 807-809	А	B/C	12	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.70	0.70	1.16	0.44	N/A	N/A	> 200	250	~	0.62	28.8/	✓ N	/A
	A B			С				D			E			-			G		н		I		0 - 0			
TYP	S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in metallic condu			nermopl cables netallic	in		(	ermoplastic cables in allic trunking			ermop cables		g	Thermo	plastic		rmosetting VA cables		Miner insulated				N/.			
	SOARD CHARACTERISTICS LIES WHEN THE BOARD IS NOT CONNEC	TED I	· 0 TII	F 001	IOIN A	OF TI	IE IN	STALL AT	ON				<u>'</u>													
	to this distribution board is from:							ernal		of p	hase	es:	3					Co	nfirmatio	on of su	a vlac	olarit	v:		~	
	urrent protective device BS(EN):		6	Swit 0947	ch R	oom	R			ating:			250		Nominal	400	)/2 V	Zs:			18 Ω				2.40	kΔ
	distribution circuit:		0	0941	-2 1	VICC	J.				-1		230		/oltage:	3	) .		connect			lpf Di	: sconr	ectio	,	
RCD	BS(EN):					INC	of p	oies	:			Rating:		mA		e at In:		ms		ne at		r	ns			
	DETAILS OF TEST INSTRUMENTS ills of Test Instruments used (state seria	ers).																								
	unctional:		nsula	tion resist	tanc	e:								C	Continuit	y:										
Earth 6	electrode resistance:	Е	arth	fault loop	imp	edan	ce:							F	RCD:											
4	ESTED BY																									
Nam					Electricia	n				Signa	ture:		YT					Da	te:	2	3/09/:	2020				
INCIII	ANDREW VAUGHAN	on:	= 1 0	0.4.0		_iecti icia	111				Oigila	ture.		<u> </u>	- A D O	24.400	07		Da	io.			2020	_		

S	CHEDULE OF CIRCUIT DETAILS	AND	TES	TR	ESU	LTS																				
Distr	ibution board designation:				DB 8	3					Lo	catio	n:		Eigh	th Flo	or Cle	eaners	s Cupb	oard						
			75		condu	cuit uctors:	time 37671	Overcur	rent pr		re	RCD	1292	C	Circuit imp	oedance	s (Ohm	s)		nsulation esistance			ured	R(	CD	AFDD
Circuit number and phase	Circuit designation	of wiring	Reference Method	of erved	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	No	70	city	Operating current, l∆n	Maximum Zs permitted by BS7671		nal circui ured end		(one co	rcuits lumn to pleted)	Live	Earth	roltage	Ţ.	num measured fault loop lance Z <sub>s</sub>	Disconnection time	utton	utton
Circuit and ph		Type of	Referen	Number of points served	mm <sup>2</sup>		ω Max o	20(211)	Type No	> Rating	S Capacity	a Opera V currer	Maxin D permit	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub>	R <sub>1</sub> +R <sub>2</sub>	R <sub>2</sub>	- PI ΩM	Li ΩM	< Test voltage	▼ Polarity	Maximum m Searth fault lo impedance 2	s Discol		▼ Test button   Operation
4 L3	Sockets; Rooms 804-806	Α	B/C	16	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.88	0.87	1.46	0.54	N/A	N/A	> 200	250	~	0.72	28.8/ 28.8	~	N/A
5 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5 L3	Sockets; Rooms 801-803	А	B/C	16	2.5	1.5	0.4	61009	В	32	10	30	1.37	0.94	0.94	1.58	0.60	N/A	N/A	> 200	250	~	0.78	29.0/ 29.0	~	N/A
6 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 L3	Socket; South Corridor	А	B/C	6	2.5	1.5	0.4	61009	В	20	10	30	2.19	N/A	N/A	N/A	0.69	N/A	N/A	> 200	250	~	0.87	28.8/ 28.7	~	N/A
7 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L1		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L2		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8 L3		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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											<u> </u>															
	A B				D			Е			F			G		Н				O - Ot	ther					
TYP	S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in metallic conduit		ermopl cables netallic			Ċ	ermoplastic cables in allic trunking		(	ermopl cables etallic t			Thermo /SWA o			rmosettin VA cables		Miner insulated				N//	Α			

## ELECTRICAL INSTALLATION CERTIFICATE GUIDANCE FOR RECIPIENTS

(to be appended to the Certificate)

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed and inspected and tested in accordance with British Standard 7671 (as amended) (The IET Wiring Regulations).

You should have received an original Certificate and the contractor should have retained a duplicate Certificate. If you were the person ordering the work, but not the user of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the user.

The 'original' Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of British Standard 7671 at the time the certificate was issued. The Construction (Design and Management) Regulations require that for a project covered by those regulations, a copy of this Certificate, together with schedules is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a competent person. The maximum time interval recommended before the next inspection it stated on Page 1 under 'Next Inspection'.

This Certificate is intended to be issued only for a new electrical installation or new new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such an inspection.

This Certificate is only valid if a Schedule of Inspections and Schedule of Test Results are appended.