

ELECTRICAL INSTALLATION CONDITION

Yes if yes, estimated age:

10

years

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations Report Reference: 69714

DETAILS	OF THE PERS	ON ORDERH	NG THE REPORT

~University of Warwick Client:

Estates Office, Porta Cabin, R/O Boiler House, Lord Bhattacharyya Way, Coventry, CV4 7AL Address:

REASON FOR PRODUCING THIS REPORT

Reason for producing this report:

Safety assessment as requested by the client.

Date(s) on which inspection and testing was carried out: 09/09/2020

DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

~University of Warwick - Year 2 - Bericote Residential - 03.024, Estates Office, Porta Cabin, Installation Address:

R/O Boiler House, Lord Bhattacharyya Way, Coventry, CV4 7AL

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

Evidence of additions/

20 years Estimated age of wiring system: alterations:

Installation records available? (Regulation 651.1) Yes 06/07/2015 Date of last inspection:

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):

Please see the additional page at the rear.

Nigel Harrison - Testing Managers (Estates) Agreed with:

Operational limitations including the reasons:

Please see the additional page at the rear.

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

RECOMMENDATIONS

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

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

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

Subject to the necessary remedial action being taken, I/we recommend that

the installation is further inspected and tested by:

5 Years

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

OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

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

N/A There are no items adversely affecting electrical safety

or

✓

The following observations and recommendations are made

Item No		Observations	Classification Code
03-024	1-00-010-DB1 (DB B/G) (Dorman Smit	h)	
1	RFC - Sockets - Rooms, 025, 027, 029hartests.	s an RCD / RCBO device that has failed the required	C2
2	15L2 FCU - Handryer, 012A - No RCD protosupplementary bonding	ection to circuit within bathroom and no sign of	C2
3	16L2 FCU - Handryer - No RCD protection supplementary bonding	to circuit within bathroom and no sign of	C2
03-024	4-02-011D-DB1 (DB B/F) (Dorman Sm	ith)	
4	9L3 RFC - Sockets, 012 RCD Strange med future.	hanical sound when tripped possible fault in near	C3
5	7L3 RFC - Sockets, 025, 026 No continuity	on C.P.C	FI
6	6L3 Handryer, Bathroom - No RCD protect supplementary bonding	ion to circuit within bathroom and no sign of	C2
7	3L3 Lights - Bathroom, 013 - has multiple	cables in one protective device.	C3
03-024	4-02-004D-DB1 (DB B/S) (Dorman Sm	ith)	
8	9L2 RFC - Sockets, 011 RCD Strange mec future	hanicall sound when tripped possible fault in near	C3
9	16L2 - Handryer, 004A - No RCD protection supplementary bonding	n to circuit within bathroom and no sign of	C2
03-024	4-00-030-DB1 (DB DB/CT1) Tutor Flat	(Eaton 3)	
10	4 L2 Boiler - 036- 3.5mm Screws missing f	rom face plate (Floating in air)	C2
03-024	4-00-001A Tutors Flat Garage (Eaton 3	3)	
11	2L2 Sockets, Garage - 001A- Only one of t supply portable equipment outdoors with r	he two sockets, that may be reasonably expected to no 30mA RCD protection	C2
casponsib C1 Dan Risk reme I mmedia Urgent r	e following codes, as appropriate, has been allowed for the installation the degree of urgency for ger Present of injury. Immediate edial action required required atte remedial action required for items: emedial action required for items:	ngerous C3 Improvement FI Further in	o the person(s vestigation vithout delay
urther	investigation required for items:	5	

GENERAL CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

This installation is in a good poor condition.

There is additional 30mA RCD protection to various circuits however this is recommended for improvement. Main equipotential bonding connections to the following services Water / Gas are connected in 25mm conductors located in the following locations Gas - 03-024-00-002 External Plant Room Next To Bike Shed, Water - Ground Floor Distribution Cupboard

DECLARATION

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

Number 3 Fuse/device rating 250 A Complex Rated time delay: ms	in section	n 4 of th	nis report.	311.0116 01				o	· motanatie	,,, ,,,,,			u	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			.00
Lockington Derbyshire Postcode: DE74 2RH For the INSPECTION, TESTING AND ASSESSMENT of the report: Name: Paul Springthorpe Position: Electrician Signature: Date: 09/09/2020 Report reviewed and authorised for issue by: Name: Keith Buck Position: Qualified Supervisor Signature: Date: 20/08/2020 Date: 20/08/2020 Date: 09/09/2020 Date: 09/0	Trading 1	Title:	~Norwoo	d Electr	ical (UK	() Ltd											
Postcode: DE74 2RH For the INSPECTION, TESTING AND ASSESSMENT of the report: Name: Paul Springthorpe Position: Electrician Signature: Date: 09/09/2020 Report reviewed and authorised for issue by: Name: Keith Buck Position: Qualified Supervisor Signature: Date: 20/08/2020 10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS Earthing Arrangements TN-S V 1-phase Arrangements TN-S V 1-phase (3 wire): N/A (4 wire): V 0ther: N/A (1 Nominal frequency, f: 50 Hz (3 wire): N/A (3 wire): N/A (4 wire): V 0ther: N/A (5 wire): N/A (6 wire): N/A (7 Nominal frequency, f: 50 Hz (7 Prospective fault current, lpf: External earth fault loop impedance, Ze: 0.10 \Omega Short-circuit Capacity: 6 kA 11 N/A Confirmation of supply polarity: V Number of supplies: 1 11 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's facility: Installation Resistance to Earth: N/A \Omega Supply Protective Device N/A (1 Nominal frequency, f: 50 Hz (1 No	Address:				e, Lockir	ngton H	lall				_		ımber	03278	88		
For the INSPECTION, TESTING AND ASSESSMENT of the report: Name: Paul Springthorpe Position: Electrician Signature: Date: 09/09/2020 Report reviewed and authorised for issue by: Name: Keith Buck Position: Qualified Supervisor Signature: Date: 20/08/2020 10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS Earthing Arrangements ac: ✓ dc: N/A Nominal Voltage(s): Nature of Supply Parameters (2 wire): N/A (2 wire): N/A 2 pole: N/A 2 pole: N/A 2 pole: N/A 2 phase (3 wire): N/A 3-phase (3 wire): N/A 3-phase (3 wire): N/A 3-phase (3 wire): N/A (4 wire): N/A Nominal frequency, f: 50 Hz Type:			_							Te	elepho	ne Num	nber:	0844	800 5	540	
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Name: Paul Springthorpe Position: Electrician Signature: Date: 09/09/2020						Post	tcode:	DE /	4 ZKH								
Report reviewed and authorised for issue by: Name: Keith Buck Position: Qualified Supervisor Signature: Date: 20/08/2020 10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS Earthing Arrangements TN-S 1-phase ac: (2 wire): N/A 1-phase N/A 2 pole: N/A Voltage(s): Voltage(s): Voltage(s): TN-C-S N/A 3-phase (3 wire): N/A 3-phase (3 wire): N/A 3-phase (3 wire): N/A 3-phase (4 wire): TN-C N/A 0ther: N/A Confirmation of supply polarity: TN/A Confirmation of supply polarity: N/A Confirmation of Supply polarity: N/A Location: N/A Location: N/A Method of measurement: N/A Method of measurement: N/A Method of measurement: N/A Supply N/A Supply Protective Device N/A Nominal (1 wire): N/A Nominal frequency, f: 50 Hz Type: TNC N/A 3-phase (3 wire): N/A 3-phase (4 wire): N/A Other: N/A Difference N/A Difference N/A Supply Prospective fault current, lpf:	For the	INSPE	CTION, TE	STING A	ND ASS	SESSME	NT of t	he re	port:								
Name: Keith Buck Position: Qualified Supervisor Signature: Date: 20/08/2020 O SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS	Name:	Pai	ul Springth	orpe	Positio	on:	Elec	tricia	n s	Signat	ture:				Date:	09/09/	2020
SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS Earthing Arrangements TN-S	Report r	eview	ed and aut	horised	for issu	ue by:											
Earthing Arrangements Number and Type of Live Conductors Nature of Supply Parameters Supply Protective Device	Name:		Keith Buc	k	Positio	on: Qu	ualified	Supe	ervisor s	Signat	ture:				Date:	20/08/	2020
Arrangements TN-S	10 SU	PPLY	CHARAC	CTERIS	STICS	AND E	EARTH	HING	ARRAN	NGE	MEN	TS					
TN-S V 1-phase (2 wire): N/A 1-phase (3 wire): N/A 2 pole: N/A Voltage(s): N/A Voltage(s): N/A Voltage(s): N/A Voltage(s): N/A Voltage(s): N/A Nominal frequency, f: 50 Hz Type: TNC N/A 3-phase (3 wire): N/A 3-phase (4 wire): N/A Nominal frequency, f: 50 Hz Type: TNC N/A Other: N/A 3-phase (4 wire): N/A Voltage(s): N/A Nominal frequency, f: 50 Hz Type: TNC N/A Other: N/A Confirmation of supply polarity: V Number of supplies: 1 TNA Confirmation of supply polarity: V Number of supplies: 1 TNA Confirmation of supply polarity: V Number of supplies: 1 TNA Confirmation of supply polarity: V Number of supplies: 1 TNA Confirmation of supply polarity: N/A Location: N/A Location: N/A Resistance to Earthing Details of Installation Earth Electrode (where applicable) N/A Location: N/A N/A Location: N/A		_	Numb	er and Ty	pe of Liv	ve Condu	uctors		Natur	e of	Supply	/ Param	eters	Supply	/ Prote	ctive De	vice
TN-C-S N/A (2 wire): N/A (3 wire): N/A 2 pole: N/A Nominal frequency, f: 50 Hz Type: TNC N/A 3-phase (3 wire): N/A 3-phase (4 wire): V Other: N/A Current, lpf: N/A Other: N/A Confirmation of supply polarity: V Number of supplies: 1 1 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's facility: Type: N/A Location: N/A Location: N/A		. !	1-nhase		/	do	c:	N/A		11.	400	V Ho:	230 V	RS(FN):	BS F	N 6094	17-3
TNC N/A 3-phase (3 wire): N/A 3-phase (4 wire): Vother: N/A Current, Ipf: External earth fault loop impedance, Ze: 0.10 Ω Short-circuit capacity: 6 kA TT N/A Confirmation of supply polarity: V Number of supplies: 1 1 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's facility: N/A Location: N/A Resistance N/A Ω Method of measurement: N/A N/A Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: ADS Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type BS(EN): N/A Switch-Fuse / Circuit-Breaker / RCD Type BS(EN): N/A Switch-Fuse / Circuit-Breaker / RCD Type Signal Specification (Limit) Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type BS(EN): N/A Switch-Fuse / Circuit-Breaker / RCD Type Signal Specification (Limit): N/A Switch / Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Signal Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Specification (Limit): N/A Switch-Fuse / Circuit-Breaker / RCD Su			(2 wire):	IVI / A		N/A 2	pole:	N/A):			i		50 2		, 0
TNC N/A (3 wire):	IN-C-S	- :	(3 wire):		nhaca	3	pole:	N/A	l		-	:у, 1:					
TT N/A Other: N/A loop impedance, Ze: 0.10 Ω capacity: 6 kA IT N/A Confirmation of supply polarity: Number of supplies: 1 11 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's facility: Installation Protective measure (s) against electric shock: N/A Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: ADS Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type BS(EN): N/A Supply Supply Conductors Copper Material: Supply Conductors Copper Material: Supply Conductors Copper Material: Rated time delay: ms	TNC	N/A		IVI / A		/ 0	ther:	N/A	curren	t, lpf	:					250	Α
Number of supplies: 1 N/A Confirmation of supply polarity:	TT	N/A	Other:		1	V/A							0.100			6	kA
Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's facility: Image: Type: N/A Location: N/A Installation earth electrode: N/A Resistance to Earth: N/A Method of measurement: N/A Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: ADS Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type Supply If RCD main switch: Rated residual operating current (IΔn): material: mA Number Streeter 3 Fuse/device rating 250 A Conductors material: Rated time delay: ms	IT	N/A	Confirmati	on of sup	ply pola	rity:		~	ı İ	•			1	. ,			
Distributor's facility: Installation earth electrode: Maximum Demand (Load): Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type BS(EN): Number Fuse/device rating Type: N/A N/A Method of measurement: N/A Method of measurement: N/A Method of measurement: N/A Method of measurement: N/A Supply Conductors Copper material: Fuse/device rating 250 A Computer Rated time delay: ms	11 PA	RTIC	ULARS C	FINS	TALLA	TION	REFE	RRE	D TO IN	ТН	IE CE	RTIF	CATE				
facility: Installation earth electrode: Maximum Demand (Load): Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type BS(EN): N/A Method of measurement: N/A Method of measurement: N/A Method of measurement: N/A Method of measurement: N/A Supply Conductors conductors material: Fuse/device rating 250 A Complete Supply Copper material: Rated time delay: ms			ing]]		Deta	ails of Ir	nstalla	ition Earth	Elect	trode ((where a	applicabl	e)			
M/A to Earth: N/A Ω measurement: N/A Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: ADS Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type Supply If RCD main switch: Rated residual operating current (IΔn): material: BS(EN): 60947-3 Isolator Current rating: 250 A conductors material: Copper material: Rated time delay: ms	facility:		~	1 ,			N/A							N/A			
Maximum Demand (Load): Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type BS(EN): Number Tuse/device rating Supply Supply Conductors material: Fuse/device rating Tuse/device rating Conductors material: Type Supply Conductors material: Rated time delay: Rated time delay: ms			N/A	1		N/A	Ω				nt:			N/A			
Main Switch / Switch-Fuse / Circuit-Breaker / RCD Supply If RCD main switch: Type BS(EN): 60947-3 Isolator Current rating: 250 A Conductors material: Copper material: Copper material: Rated time delay: ms			 nd (Load):	LIM	Amps	Prote	ctive m	easur	e(s) again	st ele	ectric s	shock:			ADS		
Type BS(EN): 60947-3 Isolator Current rating: 250 A conductors Number Supply conductors material: Copper material: 250 A Supply Rated residual operating current (IΔn): Fuse/device rating 250 A Supply Rated tresidual operating current (IΔn): Fuse/device rating 250 A Supply Conductors material: Rated time delay: ms	 Main Swi	 tch / Sv	 vitch-Fuse /	 Circuit-E	 Breaker								If RCD	 main swi	 :ch:		
Number 3 Fuse/device rating 250 A Sample Rated time delay: ms	Type						250) A		ors	Col	nner			. (14.)		· mA
	Number	3		Fus	se/device	e rating	250) A		l:	00	ppoi		_		:	- ms
or setting: conductors 95 mm ² Measured operating	or poles:				J					ors	95	mm ²					
Voltage rating: 800 V csa: time (at IΔn):						ing: 	800) V	csa:					•			- ms
Earthing and Protective Bonding Conductors Earthing conductor Bonding of extraneous-conductive parts To water installation To gas installation	_			ding Cond	ductors	Cor	nnectior	า/					-conduct		installa	ation	./
Conductor Copper csa: 147 mm ² continuity pipes: pipes:	Conducto	or		csa:	147 m	1111-	_	-							tnina		
material: Verified: To oil installation N/A protection: N/A				nductors		ver		2/			stallati	on	N/A	protect	ion:	(-)	N/A
Conductor material: Copper csa: 25 mm² continuity verified: Connection/ pipes: To other service(s): To other service(s): N/A N/A	Conducto	or	<u> </u>		25 m	m ² cor	ntinuity		, To s	struct	tural		N/A	10 othe			

2 11	ISPECTION SCHEDULE		
Item	Description	Comment	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTI	ON ONLY)	
1.1	Service cable		LIM
1.2	Service head		✓
1.3	Earthing arrangements		'
1.4	Meter tails		✓
1.5	Metering equipment		'
1.6	Isolator (where present)		✓
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWI	TCHED ALTERNATIVE SOURCES	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)		N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)		N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY		
3.1	Main earthing/bonding arrangements (411.3; Chap 54):		
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3)		'
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)		~
3.1.3	Adequacy of earthing conductor connections (542.3.2)		✓
3.1.4	Accessibility of earthing conductor connections (543.3.2)		~
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)		'
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)		~
3.1.7	Accessibility of all protective bonding connections (543.3.2)		✓
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)		~
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 details sho	ould be
4.1	Non-conducting location (418.1)		N/A
4.2	Earth-free local equipotential bonding (418.2)		N/A
4.3	Electrical separation (Section 413; 418.3)		N/A
4.4	Double insulation (Section 412)		N/A
4.5	Reinforced insulation (Section 412)		N/A
5.0	DISTRIBUTION EQUIPMENT		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)		~
5.2	Security of fixing (134.1.1)		~
5.3	Condition of insulation of live parts (416.1)		~
5.4	Adequacy/security of barriers (416.2)		'
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)		'
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)		~
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)		~
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)		~
OUTCON Accepta condition	MES Unacceptable C1 as C2 Improvement C2 Further FI	verified N/V Limitation LIM app	Not Not N/A

13/11	SPECTION SCHEDULE (CONTINUED)		
Item	Description	Comment	Outcome
5.10	Operation of main switch(es) (functional check) (643.10)		✓
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)		~
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)		~
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)	Item 2,3,6,9,11	C2
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)		~
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)		•
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)		•
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)		✓
5.20	Presence of other required labelling (please specify) (Section 514)		✓
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)	Item 4,8	C3
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)		~
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)		✓
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)		~
6.0	DISTRIBUTION CIRCUITS		
6.1	Identification of conductors (514.3.1)		✓
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)		✓
6.3	Condition of insulation of live parts (416.1)		✓
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)		~
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)		~
6.6	Cables correctly terminated in enclosures (Section 526)		✓
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)		~
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)		~
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)		~
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)		✓
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)		~
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)		'
OUTCON Accepta condition	ble TICK Unacceptable C1 or C2 Improvement C3 Further		Not licable N/A

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

5 IN	SPECTION SCHEDULE (CONTINUED)		
Item	Description	Comment	Outcome
7.12	Provision of additional protection by 30mA RCD:		ı
7.12.1	For all socket-outlets of rating 32A or less unless exempt (411.3.3) *		~
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	Item 11	C2
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *		~
7.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *		~
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *		N/A
	* Note: Older installations designed prior to BS 7671: 2018 may not have protection.	been provided with RCDs for additiona	al
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)		~
7.14	Band II cables segregated/separated from Band I cables (528.1)		✓
7.15	Cables segregated/separated from non-electrical services (528.3)		'
7.16	Termination of cables at enclosures – identify/record numbers and 526):	d locations of items inspected (Sec	ction
7.16.1	Connections under no undue strain (526.6)		'
7.16.2	No basic insulation of a conductor visible outside enclosure (526.8)		'
7.16.3	Connections of live conductors adequately enclosed (526.5)		/
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)		~
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	Item 10	C2
7.18	Suitability of accessories for external influences (512.2)		/
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)		•
8.0	ISOLATION AND SWITCHING		
8.1	Isolators (Sections 460; 537):		1
8.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)		✓
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)		•
8.1.3	Capable of being secured in the OFF position (462.3)		~
8.1.4	Correct operation verified (643.10)		✓
8.1.5	Clearly identified by position and/or durable marking (537.2.6)		~
8.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)		N/A
8.2	Switching off for mechanical maintenance (Section 464; 537.3.2):		
8.2.1	Presence and condition of appropriate devices (464.1; 537.3.2)		✓
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)		•
3.2.3	Capable of being secured in the OFF position (462.3)		~
8.2.4	Correct operation verified (643.10)		~
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)		~
OUTCOM Acceptal condition	ole TICK Unacceptable C1 or C2 Improvement C2 Further	verified N/V Limitation LIM appli	ot N/cable N/

16/IN	SPECTION SCHEDULE (CONTINUED)		
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
8.3.3	Correct operation verified (643.10)		N/A
8.3.4	Clearly identified by position and/or durable marking (537.3.3.6)		N/A
8.4	Functional switching (Section 463; 537.3.1):		
8.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)		✓
8.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)		~
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
9.1	Condition of equipment in terms of IP rating etc (416.2)		✓
9.2	Equipment does not constitute a fire hazard (Section 421)		'
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)		~
9.4	Suitability for the environment and external influences (512.2)		✓
9.5	Security of fixing (134.1.1)	Item 10	C2
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)		~
9.7	Recessed luminaires (downlighters):		
9.7.1	Correct type of lamps fitted (559.3.1)		N/A
9.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2)		N/A
9.7.3	No signs of overheating to surrounding building fabric (559.4.1)		N/A
9.7.4	No signs of overheating to conductors/terminations (526.1)		N/A
10.0	LOCATION(S) CONTAINING A BATH OR SHOWER		
10.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	2,3,6,9	C2
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)		✓
10.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)		N/A
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)		'
10.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)		~
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)		'
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)		'
10.8	Suitability of current-using equipment for particular position within the location (701.55)		✓
11.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separate	rately the results of particular inspec	tions)
11.1	N/A		N/A
11.2	N/A		N/A
11.3	N/A		N/A
OUTCON Accepta condition	ble Troy Unacceptable Granco Improvement Grant Further		Not N/A

17	CHEDULE OF CIRC	UIT DETAI	LS A	AND	TE	ST F	RES	ULT	ΓS																		
Dist	ribution board designation	: 03-024-	00-0	002-	-MP1	1 (M	P1)	(Do	ormin S	mith	1)	Loc	catio	n:			03	3-024	-00-00)2							
						Circ condu cs	ctors:	t time S7671	Overcu	rrent pr		/e	RCD	BS7671	(Circuit imp	pedance				nsulation esistance			measured loop	RC	D ,	AFDD
Circuit number and phase	Circuit designation	on	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnection permitted by B	BS(EN)	Type No	> Rating	ک Capacity	g Operating ▼ current, I∆n	Maximum Z _S permitted by B	(measu	nal circuit ured end t rn (Neutral)	to end)	(one co	rcuits plumn to appleted)	- Live	Ω Live - Earth	< Test voltage	♣ Polarity	Maximum meas B earth fault loop impedance Zs	B Disconnection time	Test button operation	Test button operation
1 TP	Sub Mains(DB MCP) 03-024-00-002		G	Е	1	25	70	5	60947-2	2 N/A	63	19		0.15					0.05				•	0.21			
2 TP Sub Mains(DB B/S) 02-004D G E 1 35 80 5 60947-2 N/A 80 19 0.19 0.01 (Supply to 03-024-02-004D-DB1 (DB B/S) (Dorman Smith)) 3 TP Sub Mains(DB B/F) 01-011D G E 1 25 70 5 60947-2 N/A 80 19 0.19 0.02																	•	0.11									
3 TP	Sub Mains(DB B/F) 01- (Supply to 03-024-01-(DB B/F) (Dorman Smi	70	5	60947-2	2 N/A	80	19		0.19					0.02				•	0.12								
4 TP	Sub Mains(DB B/G) 00 to 03-024-00-010-DB1 (Dorman Smith))	25	70	5	60947-2	2 N/A	. 80	19		0.19					0.05				•	0.15							
TYP	S FOR Thermoplastic E OF insulated/sheathed RI NG cables	B Thermoplastic cables in metallic conduit		(C ermopla cables i etallic d		t	С	D ermoplastic cables in allic trunking	ı r		E rmopl ables tallic t	in		F Thermop /SWA c			G mosettin 'A cables	-	H Miner insulated				o - ot			
APP	BOARD CHARACTER LIES WHEN THE BOARD to this distribution board	IS NOT CON							OF THE I		ALLA of ph			3					Con	firmatio	n of su _l	pply p	olarit	ty:		•	/
	urrent protective device e distribution circuit:				ting: of po	oles:		LIM 	A V	ominal oltage: ating:		0 V mA		onnecti e at In:		09 Ω - ms		f: isconn me at		1	6 kA - ms						
Deta	DETAILS OF TEST II ils of Test Instruments us functional:		and		sset ı	numb			ation resi	etane					10′	200784	12							2007			
	electrode resistance:	1020							fault loop			ce:				200784				ontinuity CD:	y.			2007			
20 Nam	ESTED BY e: Paul Spring	thorpe	Р	ositio	on:				Electricia	an				Signat	ure:							Da	te:	0	9/09/	2020)

	SCHEDULE OF CIRCUIT DETAIL of the control of the co								nith	1)	Loc	catio	n:			03	3-024-	-00-00	2							
			7.			cuit uctors:	time S7671	Overcurr	ent pr		/e	RCD	BS7671		Circuit imp	edance				nsulation esistance			sured	RC	CD	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	≿ Capacity	g Operating ➤ current, I∆n	 Maximum Z_S permitted by B⁸ 		inal circuits ured end to rn (Neutral)		(one co	rcuits plumn to ppleted)	ΩM Live - Live	ω Live - Earth	< Test voltage	♦ Polarity	Maximum measured S earth fault loop impedance Zs	B Disconnection time	Test button operation	Test button operation
5 TP	Spare																									
6 TP	Spare	ļ																								
7 L1	Sub Mains(DB/C/Comms)	G	Е	1	16	41	5	60947-2	N/A	63	19		0.22				LIM2						LIM2			
	Sub Mains(DB/CT1) Tutors Flat (Supply to 03-024-00-030-DB1 (DB DB/CT1) (Eaton 3))	G	E	1	25	70	5	60947-2	N/A	.100	19		0.16				0.10			>999	500	•	0.20			
	Sub Mains(DB/CT2) (Supply to 03-024-00-045-DB1 (DB CT2) (Eaton 3))	G	Е	1	25	70	5	60947-2	N/A	.100	19		0.16				0.04			>999	500	~	0.18			
8 L1	Sub Mains(DB/CT3)	G	Е	1	25	70	5	60947-2	N/A	100	19		0.16										LIM			
8 L2	Spur - Fire Alarm supply	О	Е	1	2.5	2.5	5	60947-2	N/A	. 16	19		0.97					0.25				•	0.35			
II I	Spur - Emergency lighting panel, 00-010	G	Е	1	4	19	5	60947-2	N/A	. 16	19		0.97				0.10			>999	500	~	0.26			
9 TP	Spare																									
10 TP	Spare																									
11 TP	Spare																									
12 TP	Main Isolator																									
		ļ				ļ				<u> </u>																
CODES			С	C ermopla cables i	in	:+	С	D ermoplastic cables in allic trunking			E rmopla ables i	in		F Thermor			G mosettin 'A cables	0	H Minera				o - ot FP2			

S	CHEDULE OF CIRC	UIT DETAI	LS /	AND	ТЕ	ST I	RES	ULT	S																		
Distr	ibution board designation	: 03-024-	00-0)10-[DB1	(DB	B/G)) (Dc	orman Sı	mith))	Loc	catio	n:			03	3-024-	00-0	10							
						condu	cuit ictors: sa	t time S7671	Overcur	rent pr		/e	RCD	BS7671	(Circuit imp	edance				nsulation esistance			measured t loop e Zs	RC	D	AFDD
Circuit number and phase	Circuit designatio	nc	Type of wiring	Reference Method	Number of points served	Live mm ²	cpc	Max disconnect to permitted by BS	BS(EN)	Type No	➤ Rating	∑ Capacity	g Operating ▼ current, I∆n	Maximum Z _S permitted by B	(measi	inal circuit ured end t r _n (Neutral)		All cir (one co be com	lumn to		Ω M D Eive - Earth	< Test voltage		Maximum mea S earth fault look impedance Zs	B Disconnection time	Test button operation	Test button operation
1 L1	Lights - Rooms, 014, 0 013, 016	15, 017,	A	Е	10	1.5	1	0.4	60898	В	10	10		3.50				1.61			>999	500	~	1.79			
1 L2	Lights, 003A		А	Е	4	1.5	1	0.4	60898	В	10	10		3.50				1.79			>999	500	~	1.93			
71 2 1 110 1 017 00070 D 10 10 0100															0.21			>999	500	•	0.35						
2 L1	60898	В	10	10		3.50				2.46			>999	500	V	2.66											
2 L2	Lights, 025A		0.4	60898	В	10	10		3.50				0.42			>999	500	~	0.54								
2 L3	Lights, 005, 050B		Α	Е	13	1.5	1	0.4	60898	В	10	10		3.50				1.85			>999	500	~	1.99			
3 L1	Spare																										
3 L2	Lights, 008, 009A, 004	, 012A	Α	E	11	1.5	1	0.4	61009	С	10	10	30	1.75				0.69			>999	500	•	0.89	18.2	•	
TYP	S FOR Thermoplastic E OF insulated/sheathed RI NG cables	B Thermoplastic cables in metallic conduit	ì	(C ermopl cables etallic		t	С	D rmoplastic ables in Ilic trunking	r		E rmopl ables tallic t	in		F Thermor /SWA c			G mosetting 'A cables	-	H Minera insulated o				o - ot			
APP	SOARD CHARACTER LIES WHEN THE BOARD to this distribution board	IS NOT CON							DF THE I (h) - 4 TP		ALLA of ph			3					Con	ıfirmatio	n of sup	ply p	olarit	:y:			~
	urrent protective device distribution circuit:	BS(EN):		609	47-2	2 - T <u>y</u>	ype I	N/A		Rat	ing:			80		lominal 'oltage:	40	0 v	Zs:			Ι5 Ω	lp1				02 ka
RCD	RCD BS(EN):										of po	oles:			R	ating:		mA		connecti e at In:	on	ms		sconn ne at		٦ 	- ms
	DETAILS OF TEST II ils of Test Instruments us			/or a	sset	numk	ers)	:																			
Multi-f	Multi-functional: 102007843 Insulation resistance														102	200784	3		C	ontinuity	y :		10	20078	343		
Earth 6	arth electrode resistance: 102007843 Earth fault loop impe														102	200784	3		R	CD:			10	20078	343		
Nam	ESTED BY e: Paul Springt	thorpe	F	Positio	on:			E	Electricia	n				Signat	ture:			_		_		Dat	te:	09	9/09/	2020	0

	CHEDULE OF CIRCUIT DETAI																									
Distr	ibution board designation: 03-024-	00-0	10-[)B1 ((Dc	orman Sn	nith))	Loc	catio	n:			0;	3-024-	00-01	0							
						cuit ictors:	time 7671	Overcurr	ent pr		/e	RCD	BS7671	(Circuit imp	edance	s (Ohms)		nsulation esistance			nred	RC	:D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	Max disconnect time permitted by BS767	BS(EN)	Type No	> Rating	≿ Capacity	g Operating ➤ current, I∆n	Maximum Z _S permitted by BS	(measi	inal circuit ured end t rn (Neutral)		All cir (one col be com	lumn to pleted)	Ω Live - Live	M Live - Earth	< Test voltage	♣ Polarity	Maximum measured B earth fault loop impedance Zs	B Disconnection with time	Test button operation	Test button operation
3 L3	Lights, 007, 006	Α	Е	6	1.5	1	0.4	60898	В	10	10		3.50				1.12			>999	500	~	1.26			
4 L1	Lights - Staircase - 050A, 1st Floor, 027- 2nd Floor, 026	А	Е	12	1.5	1	0.4	60898	В	10	10		3.50				0.78			>999	500	•	0.95			
4 L2	Lights - Main Staircase - Ground, 051- 1st Floor, 028- 2nd Floor, 027	А	E	7	1.5	1	0.4	60898	В	10	10		3.50				0.76			>999	500	•	0.92			
4 L3	Lights, 001	Α	Е	1	1.5	1	0.4	61009	С	10	10	30	1.75				0.94			>999	500	•	1.09			
5 L1	Spare																									
5 L2	Spare																									
5 L3	Spare																									
6 L1	FCU - Comms Room Extract Fan	Α	E	1	2.5	1.5	0.4	60898	В	10	10		3.50				LIM2						LIM2	2		
6 L2	Sockets, 010	Α	E	1	2.5	1.5	0.4	60898	В	20	10		1.75				0.02			>999	500	~	0.15			
6 L3	Spare																									
7 L1	RFC - Sockets - Rooms, 014, 015, 017	Α	Е	26	2.5	1.5	0.4	61009	В	32	10		1.10	0.81	0.81	1.33	0.65			>999	500	~	0.45	16.3	~	
7 L2	Sockets - Washing Machine, Laundry - TESTED ON SEPARATE JOB	А	Е	1	4	1.5	0.4	60898	В	20	10		1.75													
7 L3	FCU - BMS Panel In Plant room, 002	Α	E	1	2.5	1.5	0.4	60898	В	20	10		1.75				0.15			> 999	500	~	0.29			
	A B S FOR Thermoplastic Thermoplastic			C ermopla				D rmoplastic			E rmopla		-	F Thermor		Theri	G nosetting	g	H Minera	al			0 - 0			
TYPI WIR				cables i etallic		t		ables in Illic trunking	r	ca nonmet	ables i tallic t			/SWA c			'A cables		nsulated o				FP2	.00		

	CHEDULE OF CIRCUIT DETAI																									
Distr	ibution board designation: 03-024	·00-C	10-[DB1			(Do	orman Sn	nith))	Loc	atio	า:			03	3-024-	00-01	0							
			_		condu	cuit ictors: sa	time S7671	Overcurr	ent pr		/e	RCD	BS7671	(Circuit imp	oedance	s (Ohms)		nsulation esistance			measured t loop e Zs	RC	D ,	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	₹ Capacity	3 Operating ➤ current, I∆n	ω Maximum Z _S permitted by B ^s	(measi	inal circui ured end rn (Neutral)	r ₂	All cir (one co be com	lumn to pleted)	Ω M	$\overline{\Omega}$ Live - Earth	< Test voltage	♦ Polarity	Maximum meas Β earth fault loop impedance Zs	B Disconnection it ime	Test button operation	Test button operation
8 L1	RFC - Sockets - Rooms, 018, 021, 022	А	E	22	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.88	0.88	1.44	0.41			>999	500	•	0.54	18.3	•	
8 L2	Sockets - Dryer, Laundry - TESTED ON SEPARATE JOB	А	Е	1	6	2.5	0.4	60898	В	32	10		1.10				LIM			>999	500	•	LIM			
8 L3	Sockets - Plant room, 002	А	Е	2	2.5	1.5	0.4	61009	С	16	10	30	1.10				0.31			>999	500	~	0.46	18.3	~	
9 L1	RFC - Sockets - Rooms, 019, 020, 023	Α	Е	18	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.85	0.84	1.39	0.43			>999	500	•	0.62	>40	~	
9 L2	RFC - Sockets - Laundry & Cleaners Cupboard, 008, 009A	А	Е	8	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.39	0.38	0.40	0.17			>999	500	~	0.33	18.2	~	
9 L3	RFC - Sockets - Common Room & Emergency Bedroom, 005, 006	А	E	20	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.91	0.91	1.50	0.59			>999	500	~	0.61	15.5	~	
10 L1	RFC - Sockets - Rooms, 013, 016	А	Е	16	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.53	0.53	0.86	0.39			>999	500	~	0.45	15.6	~	
10 L2	RFC - Sockets - Corridor & Trunk Room, 025A, 024	А	E	12	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.93	0.93	1.45	0.51			>999	500	~	0.68	8.3	~	
10 L3	RFC - Sockets, 007	А	Е	12	4	1.5	0.4	61009	В	32	10	30	1.10	0.61	0.64	1.64	0.51			>999	500	~	0.47	18	~	
11 L1	Spare																									
11 L2	Spare																									
11 L3	Sockets - Kitchen Fridge/Freezer, 007	А	E	4	2.5	1.5	0.4	60898	В	20	10		1.75				0.53			>999	500	•	0.68			
CODE	A B S FOR Thermoplastic Thermoplastic		The	C	astic		The	D rmoplastic		The	E rmopla	astic		F			G		Н				O - O1	her		
TYP	E OF insulated/sheathed cables in metallic conduit			cables		t	С	ables in Ilic trunking	r		ables	in		Thermor			mosetting A cables		Minera nsulated c				FP2	00		

	CHEDULE OF CIRCUIT DETAI																									
Distr	ibution board designation: 03-024-	00-0	10-[DB1	(DB I	B/G)	(Do	orman Sn	nith))	Loc	catio	n:			03	3-024-	-00-01	10							
			_		condu	cuit ictors: sa	time S7671	Overcurr d	ent pr		/e	RCD	BS7671	(Circuit imp	edance	s (Ohms	5)		nsulation esistance			sured	RC	D A	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS767	BS(EN)	Type No	> Rating	ک Capacity	g Operating ➤ current, I∆n	Maximum Z_Spermitted by B:		inal circuit ured end to rn (Neutral)		(one co	rcuits lumn to pleted)	Rive - Live	ω M D Earth	< Test voltage	♦ Polarity	Maximum measured B earth fault loop impedance Zs	B Disconnection time	Test button operation	✓ Test button operation
12 L1	Spare																									
12 L2	Spare																									
12 L3	Sockets - Kitchen Fridge/Freezer, 007	Α	Е	2	2.5	1.5	0.4	60898	В	10	10		3.50				0.49			>999	500	~	0.62			
13 L1	Spare																									
13 L2	Contactor Control Circuit, 010	Control Circuit, 010 A E 1 2.5 1.5 0.4 60898 B 10 10 3.50 0.05 >999 500 A E 1 4 1.5 0.4 60898 B 20 10 1.75 0.43 >999 500															500	•	0.18							
13 L3	Oven, 007	Α	Ε	1	4	1.5	0.4	60898	В	20	10		1.75				500	•	0.57							
14 L1	Spare	07 A E 1 4 1.5 0.4 60898 B 20 10 1.75 0.43 >999 500																								
14 L2	Spare																									
14 L3	Oven, 010	Α	Е	1	4	1.5	0.4	60898	В	20	10		1.75				0.48			>999	500	~	0.64			
15 L1	Spare																									
15 L2	FCU - Handryer,Main Bathroom, 012A	Α	E	1	2.5	1.5	0.4	60898	В	16	10		2.18				0.12			> 999	500	~	0.28			
15 L3	Salto	Α	В	1	2.5	1.5	0.4	60898	С	16	10		1.10				0.06			> 999	500	~	0.18			
16 L1	Spare																									
16 L2	FCU - Handryer Shower Room, 004	Α	Ε	1	4	1.5	0.4	60898	В	16	10		2.18				0.21			>999	500	~	0.36			
16 L3	FCU - Handryer Shower Room, 004 A E 1 4 1.5 0.4 60898 B 16 10 2.18 0.21 Fire Alarm Battery Unit, 010 O E 1 2.5 1.5 0.4 60898 B 16 10 2.18 0.04																~	0.18								
	FILE AIGHTH BALLELY UTILL, UTU U E 1 2.5 1.5 U.4 00898 B 16 IU 2.18 U.04 U.04																									
]
	A B S FOR Thermoplastic Thermoplastic			Cermople				D rmoplastic			E			F Thermo		Theri	G mosettin	g	H Minera	al			0 - 0t			
	E OF insulated/sheathed cables in metallic conduit			cables etallic		t		ables in Ilic trunking	r	c: nonmet	ables tallic t			/SWA c			'A cables		insulated o				FP2	JU		

S	CHEDULE OF CIRC	CUIT DETA	ILS /	ANE	ТЕ	ST F	RES	ULT	S																		
Distr	ibution board designation	n: 03-024-	01-0	11D-	-DB1	(DB	B/F) (D	orman S	mith	1)	Lo	catio	n:			03	3-024-	01-11	ID							
				7		condu	cuit ictors: sa	- N	Overcur	rent pr		ve .	RCD	BS7671	(Circuit imp	oedance				nsulation esistance			measured t loop e Zs	RC	:D	AFDD
Circuit number and phase	Circuit designat	ion	Type of wiring	Reference Method	Number of points served	Live mm ²	cpc	Max disconnec permitted by B	BS(EN)	Type No	> Rating	∑ Capacity	g Operating ➤ current, l∆n	Maximum Z _S permitted by B	(measi	inal circuit ured end t rn (Neutral)	r ₂ (cpc)	All cir (one co be com	lumn to	- Live - Live	ΩM Live - Earth	< Test voltage	♠ Polarity	Maximum mea B earth fault loop impedance Zs	B Disconnection stime	Test button operation	Test button operation
1 L1	Lights - Rooms, 009, 0	008, 004	Α	Е	10	1.5	1	0.4	60898	В	10	10		3.50				1.68			> 999	500	~	1.81			
1 L2	Lights - Rooms, 017, 022, 023	018, 019,	А	Е	8	1.5	1	0.4	60898	В	10	10		3.50				2.62			> 999	500	~	2.78			
1 L3	Lights, 026		Α	Е	5	1.5	1	0.4	60898	В	10	10		3.50				0.22			> 999	500	~	0.37			
2 L1	Lights - Rooms, 003, 0	60898	В	10	10		3.50				2.41			> 999	500	~	2.55										
2 L2	Lights - Rooms, 024, 0	60898	В	10	10		3.50				3.19			> 999	500	~	3.29										
2 L3	Lights, 026		Α	Е	8	1.5	1	0.4	60898	В	10	10		3.50				0.49			> 999	500	~	0.62			
3 L1	Lights, 001, 002, 005		Α	Е	2	1.5	1	0.4	60898	В	10	10		3.50				0.30			> 999	500	~	0.45			
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	B Thermoplastic cables in metallic condu			C ermopl cables etallic	in	t	С	D rmoplastic ables in Ilic trunking	r		E rmopl ables tallic	in		F Thermor /SWA c			G mosetting /A cables	-	H Minera insulated o				o - ot			
APP	OARD CHARACTER LIES WHEN THE BOAR to this distribution board	D IS NOT COI							DF THE II h) - 3 TP		ALLA of ph			3					Con	firmatio	n of sup	ply p	olarit	ty:			•
	urrent protective device distribution circuit:	BS(EN):		609	947-2	? - Ty	/pe l	N/A		Rat	ing:			80		lominal 'oltage:	40	0 v	Zs:			2 Ω	lp:	f:		3.3	33 ka
RCD				No	of po	oles:			R	ating:		mA		connecti e at In:	on	ms		sconn ne at		1	- ms						
	DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers):																										
	unctional:		20078		15561	IUIII			tion resis	tance	e:				102	200784	13		C	ontinuity	y:		10	20078	343		
Earth 6	electrode resistance:	102	20078	343			Е	arth	fault loop	imp	edan	ce:			102	200784	13		R	CD:			10	20078	343		
Earth electrode resistance: 102007843 Earth fault loop impedance: TESTED BY Name: Liam Firth Position: Electrician													Signat	ture:							Dat	te:	08	3/09/	'2020	0	

Distr					(DB			orman Sı	mith	1)	Lo	catio	n:			03	3-024-	01-11	D							
			_		condu	cuit ictors:	time S7671	Overcurr	ent p		ve	RCD	BS7671	(Circuit im	pedance	es (Ohms	5)		nsulation esistance			measured loop	RC	D	AFDD
Circuit number and phase	Circuit designation	e of wiring	erence Method	Number of points served	Live	срс	Max disconnect tir permitted by BS7	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n			inal circui ured end		(one co	rcuits dumn to pleted)	Live - Live	Live - Earth	Test voltage	Polarity	Maximum meas earth fault loop impedance Zs	Disconnection time	Test button operation	Test button operation
Circ		Туре	Refer	Nur	mm ²	mm ²			-	A	kA	mA	Ω	(Line)	(Neutral)		1 2	2	MΩ	MΩ		~ ✓	Ω	ms	⊢ °	⊢ °
3 L2	Lights - External	Α	E		1.5	1	0.4	60898	В	10	10		3.50													
3 L3	Lights, 013	Α	Е	13	1.5	1	0.4	61009	В	10	10	30	3.50				0.13			> 999	500	•	0.25	15.8	·	
4 L1	Spare																									
4 L2	Spare																									
4 L3	Lights, 012, 0.25	Α	Е	6	1.5	1	0.4	60898	В	10	10		3.50				1.00			> 999	500	~	1.19			
5 L1	Spare																									
5 L2	Spare																									
5 L3	Contactor Control Circuit, 011D	Α	Е	1	1.5	1	0.4	60898	В	10	10		3.50				0.05			> 999	500	~	0.18			
6 L1	Spare																									
6 L2	Spare																									
6 L3	FCU - Handryer, 013	Α	Е	1	2.5	1.5	0.4	60898	В	16	10		2.18				0.19			> 999	500	~	0.31	18.3	~	
7 L1	RFC - Sockets - Rooms, 009, 008, 004	А	E	26	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.77	0.76	1.25	0.33			> 999	500	~	0.48	18.6	~	
7 L2	RFC - Sockets - Rooms, 017, 018, 019	А	Е	28	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.89	0.89	1.46	0.44			> 999	500	~	0.60	18.2	~	
7 L3	RFC - Sockets, 025, 026	Α	Е	14	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.64	0.64	>99.9				> 999	500	~	0.61	18.3	~	
8 L1	RFC - Sockets - Rooms, 001, 003, 006	А	E	16	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.78	0.79	1.30	0.43			> 999	500	~	0.57	18.2	~	
8 L2	RFC - Sockets - Rooms, 022, 023	А	E	16	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.74	0.74	1.22	0.43			> 999	500	~	0.52	18.2	~	
	A B			С				D			E			F			G		Н				0 - 0	ther		
TYP	S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in H NG cables metallic condu			ermop cables netallic		t	С	rmoplastic ables in Ilic trunking			rmop ables tallic	in		Thermor			mosettin /A cables	_	Miner nsulated				FP-2	200		

Distr	ibution board designation: 03-024-	01-0	11D-	-DB1	(DB	B/F) (D	orman Sı	mith	1)	Loc	catio	n:			03	3-024-	01-11	D							
			70			cuit ictors:	t time S7671	Overcurr	ent pi		/e	RCD	BS7671		Circuit im	pedance				nsulation esistance			sured	RO	CD	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating		Operating current, I∆n	Maximum Z _S permitted by	(meas	inal circui ured end r _n	to end)		,	Live - Live	Live - Earth	Test voltage	Polarity	Maximum measure earth fault loop impedance Zs	Disconnection	Test button operation	Test button operation
8 L3	RFC - Sockets, 005, 011C, 002	A	E	6	mm ²	mm ²		61009	В	A 32	10	mA 30	Ω 1.10		(Neutral)		0.26		ΜΩ	MΩ > 999	500	V	Ω 0.36	ms		
9 L1	RFC - Sockets - Rooms, 007, 010	A	E		2.5			61009	В	32					0.64					> 999		~	0.50			
9 L2	RFC - Sockets - Rooms, 021, 024	A	E		2.5			61009	В	32		-	1.10							> 999			0.52			
	RFC - Sockets, 012	A	E	12		1.5		61009	В	32			1.10							> 999			0.35			
					4	1.5	0.4		Ь		10	30	1.10	0.41		0.03				> 999	300		0.33	14.0		
	Spare															1.00										
10 L2	RFC - Sockets - Rooms, 020, 016, 015	A	E	22	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.84	0.84	1.39	0.38			> 999	500	•				
10 L3	Sockets - Kitchen Fridge/Freezer, 012	А	Е	4	2.5	1.5	0.4	60898	В	20	10		1.75				0.21			> 999	500	~	0.36			
11 L1	Spare																									
11 L2	Spare																									
11 L3	Socket, 012	А	Е	2	2.5	1.5	0.4	61009	В	20	10		1.75				0.58			> 999	500	~	0.70	6.3	~	
12 L1	Spare																									
12 L2	Spare																									
12 L3	Oven, 012	Α	Е	1	4	1.5	0.4	60898	В	20	10		1.75				0.12			> 999	500	~	0.25			
13 L1	Spare																									
13 L2	Spare																									
13 L3	Oven, 012	Α	Е	1	4	1.5	0.4	60898	В	20	10		1.75				0.16			> 999	500	~				
14 L1	Spare																									
	A B			С				D			E			F			G		Н				0 - 01	ther		
CODE TYP WIR	OF insulated/sheathed cables in		(cables	plastic Thermoplastic Thermopl																					

	CHEDULE OF CIRCUIT DETAI								- ! + ! -	`						O	2.024	Λ1 11	2							
Distr	ibution board designation: 03-024-	01-0	יטוד.									catio				0.	3-024-	01-11								
					condu	ictors: sa	time S7671	Overcurr d	ent pi levice:		/e	RCD	BS7671	(Circuit imp	edance				nsulation esistance			sured	RC	D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cuit uctors: sa cpc	Max disconnect permitted by B	BS(EN)	Type No	> Rating	₹ Capacity	g Operating ➤ current, l∆n	Maximum Z _S permitted by B		inal circuit ured end t r _n (Neutral)		(one co	rcuits flumn to ppleted)	Ω Live - Live	M Live - Earth	< Test voltage	♣ Polarity	Maximum measured B earth fault loop impedance 7s	B Disconnection time	Test button operation	Test button operation
14 L2	Spare																									
14 L3	Socket - Kitchen Fridge Freezer, 012	А	Е	2	2.5	1.5	0.4	60898	В	16	10		2.18				0.21			> 999	500	~	0.34			
15 TP	Spare																									
16 L1	Spare																									
16 L2	Spare																									
16 L3	FCU - Fire alarm Charging Unit, 011D	0	Е	1	2.5	1.5	0.4	60898	В	16	10		2.18					0.01				~	0.19			
TYP	A B S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in R NG cables metallic conduit			C ermopl cables netallic	in	t	С	D rmoplastic ables in Ilic trunking	r		E rmopl ables tallic t	in		F Thermop /SWA c	plastic		G mosettin /A cables		H Minera nsulated o				0 - 0 FP-2			

9	SCHEDULE OF CIRC	CULT DETAI	LS .	ANE) TE	ST I	RES	ULT	S																		
Dist	ribution board designation	n: 03-024-0	02-0	04D-	-DB1	(DB	B/S	s) (D	orman S	mith	1)	Lo	catic	n:			03	-024-0	02-00	4D							
				_			cuit ictors: sa		Overcur	rent pr		ve	RCD	BS7671	(Circuit imp	oedance				nsulation esistance			sured	RC	D	AFDD
Circuit number and phase	Circuit designat	ion	Type of wiring	Reference Method	Number of points served	Live mm ²	cpc	Max disconnec permitted by B	BS(EN)	Type No	> Rating	∑ Capacity	3 Operating ▶ current, I∆n	Maximum Z _S permitted by B		inal circuit ured end t rn (Neutral)	r ₂	(one co	rcuits lumn to pleted) R ₂	- Live - Live	ΩM Live - Earth	< Test voltage	✔ Polarity	Maximum meast B earth fault loop impedance Zs	B Disconnection time	Test button operation	Test button operation
1 L1	Lighting - Rooms, 001 008	, 002, 007,	A	В	7	1.5	1	0.4	60898	В	10	10		3.50				1.00			> 999	500	•	1.17			
1 L2	Lighting, 023, 004C		Α	В	10	1.5	1	0.4	60898	В	10	10		3.50				0.45			> 999	500	~	0.58			
1 L3	Lighting - Rooms, 01-019, 020	4, 015, 016,	А	В	11	1.5	1	0.4	60898	В	10	10		3.50				3.33			> 999	500	~	3.43			
2 L1	Lighting - Rooms, 003	0.4	60898	В	10	10		3.50				2.34			> 999	500	•	2.44									
2 L2	Lighting, 024		1.5	1	0.4	60898	В	10	10		3.50				0.56			> 999	500	~	0.65						
2 L3	Lighting - Rooms, 021 013, 012	, 018, 017,	А	В	10	1.5	1	0.4	60898	В	10	10		3.50				3.29			> 999	500	•	3.41			
TYF	S FOR Thermoplastic E OF insulated/sheathed RING cables	B Thermoplastic cables in metallic condui	t		C ermopl cables etallic		t	С	D rmoplastic ables in Ilic trunking	r		ables			F Thermop /SWA c			G mosetting /A cables	_	H Minera insulated (0 - 0t FP-2			
APF	BOARD CHARACTER LIES WHEN THE BOAR of to this distribution board	D IS NOT CON							OF THE I th) - 2 TP		ALLA of ph			3					Con	firmatio	n of sup	oply p	olari	ty:		,	~
	urrent protective device e distribution circuit:	BS(EN):		609	947-2	2 - T <u>y</u> 	ype	N/A			ing: of po	oles:		80	A v	lominal 'oltage: 'ating:	40	0 V mA		connecti		11 Ω - ms	Di	isconn		n	9 k <i>A</i> - ms
	DETAILS OF TEST INSTRUMENTS																		ume	e at In:			TII	me at	<u>::(IIIC</u>		
	ails of Test Instruments us functional:		il and 0078		sset	numk			ition resis	stance	ə:				10:	200784	13		Co	ontinuit	V:		10	20078	843		
	electrode resistance:		0078						fault loop			ce:				200784				CD:	,			20078			
	ESTED BY																										
Nam	ne: Paul Spring	thorpe	F	Positi	on:			[Electricia	n				Signat	ture:							Da	te:	0	7/09/	2020)
		- I I A	- 11	, ,	DO 7	,74	0010											D. 6. / C	744						_		-£ 20

	ibution board designation: 03-0							orman Sı	mith	1)	Loc	catio	n:			03	-024-0	02-004	I D							
					Cir	cuit ictors:	time 7671	Overcurr	ent pr		/e	RCD	BS7671	(Circuit im	pedance	s (Ohms)		nsulation esistance			nred	RC	:D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Cir condu c	cpc	Max disconnect permitted by BS	BS(EN)	Type No	> Rating	ک Capacity	3 Operating ➤ current, I∆n	Maximum Z _S		inal circui ured end r _n (Neutral)	to end)	All cir (one co be com	pleted)	Ω M Live - Live	M Live - Earth	< Test voltage	✔ Polarity	Maximum measured B earth fault loop impedance Zs	B Disconnection it ime	Test button operation	Test button operation
3 L1	Lighting - Roof void ,	Α	В	6	1.5	1	0.4	60898	В	10	10		3.50				2.68			> 999	500	•	2.80			
3 L2	Lighting, 025	А	В	11	1.5	1	0.4	61009	В	10	10	30	3.50				0.14			> 999	500	•	0.24	18.3	~	
3 L3	Lighting - Roof void,	А	В	4	1.5	1	0.4	60898	В	10	10		3.50				1.79			> 999	500	•	1.91			
4 L1	Light, 022	А	В	1	1.5	1	0.4	60898	В	10	10		3.50				0.55			> 999	500	•	0.66			
4 L2	Lighting, 011	А	В	6	1.5	1	0.4	60898	В	10	10		3.50				1.05			> 999	500	~	1.13			
4 L3	Spare																									
5 L1	Spare																									
5 L2	Contactor Control Circuit, 004D	А	В	1	2.5	1.5	0.4	60898	В	16	10		2.18				0.06			> 999	500	•	0.15			
5 L3	Spare																									
6 L1	Spare																									
6 L2	FCU - Extract fans, 025	А	В	1	2.5	1.5	0.4	60898	В	20	10		1.75				0.08			> 999	500	~	0.19			
6 L3	Spare																									
7 L1	RFC - Sockets - Rooms, 002, 00)7, A	В	16	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.80	0.81	1.33	0.35			> 999	500	•	0.46	18.3	•	
7L2	RFC - Sockets, 022, 024	А	В	13	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.60	0.60	1.00	0.42			> 999	500	~	0.52	18.3	~	
7 L3	RFC - Sockets - Rooms, 014, 01 016	5, A	В	18	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.83	0.83	1.38	0.55			> 999	500	~	0.66	18.3	~	
8 L1	RFC - Sockets - Rooms, 001, 00	03, A	В	16	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.72	0.73	1.19	0.35			> 999	500	~	0.48	18.4	~	
CODE	A B	plastic	Th	C	actic		Tho	D		Tho	E	actic		F			G		Н				0 - 0	ther		
TYP	S FOR Thermoplastic Thermoplas										in		Thermor			mosetting 'A cables	·	Minera nsulated o				FP-2	200			

	CHEDULE OF CIRCUIT DETAIl ibution board designation: 03-024-0								mith	1)	Loc	catio	n:			03	-024-0	02-004	4D							
			_		condu	cuit ictors:	time S7671	Overcurr	ent p		/e	RCD	BS7671	(Circuit imp	oedance	s (Ohms)		nsulation esistance			measured loop Zs	RC	D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	₹ Capacity	g Operating ➤ current, l∆n	Maximum Z _S permitted by B ³	(measu	rn (Neutral)	r ₂	(one co	rcuits lumn to pleted)	ΩM Live - Live	ΩM Live - Earth	< Test voltage	♣ Polarity	Maximum meas Β earth fault loop impedance Zs	B Disconnection time	▼ Test button operation	Test button operation
8 L2	RFC - Sockets, 023, 004C	Α	В	6	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.34	0.34	0.56	0.29			> 999	500	•	0.38	18.2	~	
8 L3	RFC - Sockets - Rooms, 019, 020	Α	В	16	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.70	0.70	1.16	0.47			> 999	500	•	0.58	18.2	~	
9 L1	RFC - Sockets - Rooms, 006, 009	Α	В	12	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.53	0.54	0.93	0.36			> 999	500	•	0.46	18.3	~	
9 L2	RFC - Sockets, 011	Α	В	12	4	1.5	0.4	61009	В	32	10	30	1.10	0.42	0.43	1.12	0.25			> 999	500	•	0.36	18.7	~	
9 L3	RFC - Sockets - Rooms, 017, 018, 021	Α	В	16	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.68	0.68	1.14	0.39			> 999	500	~	0.51	18.2	V	
10 L1	Spare																									
10 L2	Sockets - Kitchen fridge/freezer, 011	Α	В	2	2.5	1.5	0.4	60898	С	20	10		0.87				0.26			> 999	500	~	0.37			
10 L3	RFC - Sockets - Rooms, 017, 013, 012	Α	В	18	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.83	0.83	1.39	0.45			> 999	500	~	0.57	18.3	~	
11 L1	Spare																									
11 L2	Sockets, 011	Α	В	1	2.5	1.5	0.4	61009	В	20	10	30	1.75				0.66			> 999	500	~	0.73	6.8	~	
11 L3	Spare																									
12 L1	Spare																									
12 L2	Oven, 011	Α	В	1	2.5	1.5	0.4	60898	В	20	10		1.75				0.16			> 999	500	~	0.28			
12 L3	Spare																									
13 L1	Spare																									
13 L2	Oven, 007	en, 007 A B 1 4 1.5 0.4 60898 B 16 10 2.18 0.15 > 999 500												500	~	0.29										
TYP	A B C D E F G H CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Type OF insulated/sheathed cables in cables in cables in cables in cables in metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking nonm													0 - 0 FP-2												

	ibution board designation:	03-024-02								mith	1)	Loc	catio	n:			03	-024-0	02-004	I D							
						Circ	cuit ctors:	time 57671	Overcurr	ent pr		/e	RCD	BS7671	(Circuit imp	edance	s (Ohms	5)		nsulation esistance			nred	RO	CD	AFDD
Circuit number and phase	Circuit designation	:	Type of wiring	Reference Method	Number of points served	Live mm ²	cuit ctors: sa cpc	Max disconnect permitted by BS	BS(EN)	Type No	> Rating	≯ Capacity	g Operating ➤ current, I∆n			inal circuit ured end t rn (Neutral)		(one co	rcuits dumn to apleted)	- Live - Live	Σ Live - Earth	< Test voltage	◆ Polarity	Maximum measured Β earth fault loop impedance Zs	a Disconnection with time	Test button operation	Test button operation
13 L3	Spare	-																									
14 L1	Spare	-																									
14 L2	Sockets - Kitchen Fridge/F 011	reezer,	А	В	2	4	1.5	0.4	60898	В	16	10		2.18				0.21			> 999	500	~	0.32			
14 L3	Spare	-																									
15 L1	Spare	-																									
15 L2	Spare	-																									
15 L3	Spare	-																									
16 L1	Spare	-																									
16 L2	FCU - Handryer, 025		А	В	1	2.5	1.5	0.4	60898	В	16	10		2.18				0.25			> 999	500	~	0.35			
16 L3	FCU - Sounder Control Un	it, 004D	0	С	1	4	1.5	0.4	60898	В	16	10		2.18					0.02				•	0.17			
CODE: TYP! WIR	E OF insulated/sheathed	Thermoplastic Thermoplastic Thermoplastic insulated/sheathed cables in cables in							D rmoplastic ables in Ilic trunking	r		E rmoplables ables allic t	in		F Thermor /SWA c			G mosettin 'A cables	_	H Minera nsulated o				0 - 0 FP-2			

	CHEDULE OF CIRCUIT DETA								on 3	8)	Loc	catio	n·		03	-024	-00-03	O Tu	tors Fla	t						
Disti	Total designation.				Cir	cuit ıctors:	ime 7671	Overcur		otectiv		RCD	_	(Circuit imp				ı	nsulation esistance			nred	RC	D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	Max disconnec permitted by B	BS(EN)	Type No	▶ Rating	∑ Capacity	g Operating ➤ current, I∆n	 Maximum Z_S permitted by BS 	(measo	nal circui ured end rn (Neutral)	r ₂	All cir (one co be com	lumn to		Ω Live - Earth	< Test voltage	✔ Polarity	Maximum measured B earth fault loop impedance Zs	B Disconnection time	Test button operation	Test button operation
1 L2	Lights, Flat - Rooms - 027, 031, 032, 033, 034	A	В	7	1.5	1	0.4	60898	В	10	10		3.50				0.99			>999	500	~	1.19			
2 L2	Lights, Flat - Kitchen & Corridor - 035, 026A	A	В	6	1.5	1	0.4	60898	В	10	10		3.50				0.25			>999	500	~	0.49			
3 L2	Lights, Bathroom & Toilet - 029, 028	А	В	4	1.5	1	0.4	61009	В	10	10	30	3.50				0.89			>999	500	~	1.08	18.1	~	
4 L2	Boiler - 036	0.4	60898	В	20	10		1.75				0.12			>999	500	~	0.30								
5 L2	RFC Sockets, Bedrooms, Study - 027, 031, 032	1.5	0.4	61009	В	32	10	30	1.10	0.87	0.86	1.33	0.62			>999	500	~	0.22	14.1	~					
			'						1			'								1						
TYP	A B S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in RING cables metallic condu			C ermopl cables etallic	in	t	С	D rmoplastic ables in Ilic trunking	r		E rmopl ables tallic t	in		F Thermor /SWA c			G mosetting 'A cables	9	H Miner insulated				0 - 0 ¹			
APP	BOARD CHARACTERISTICS PLIES WHEN THE BOARD IS NOT CO To this distribution board is from:							OF THE I th) - 7 L2		ALLA of ph			1					Con	nfirmatio	n of sup	a vlac	olarit	·V:			<u> </u>
Overcu	urrent protective device BS(EN):		609	947-2	2 - T <u>j</u>	ype I	N/A			ing:			100		ominal oltage:	23	0 v	Zs:			20 Ω	lp	-			12 kA
RCD	BS(EN):				No	of po	oles:				ating:		mA		connecti e at In:	on	· ms		sconr ne at		n	·- ms				
DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers):																										
Details of Test Instruments used (state serial and/or asset numbers): Multi-functional: 102007843 Insulation resistance:														10	200784	13		С	ontinuit	y:		10	2007	843		
Earth 6	electrode resistance: 10	20078	343			Е	arth	fault loop	imp	edan	ce:			10	200784	13		R	CD:			10	2007	843		
TESTED BY													Signat	ture:							Dat	te:	0	9/09/	′202	0
This for	Name: Liam Firth Position: Electrician																Pof: 60	711								of 20

	CHEDULE OF CIRCUIT DETAI observed the control of th								on (3)	Loc	catio	n:		03	-024-	-00-03	30 Tut	ors Flat	t						
	3				Circ	cuit		Overcurre		rotectiv		RCD	BS7671	(Circuit im				In	nsulation esistance			nred	RC	D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	∑ Capacity	g Operating ➤ current, lΔn	Maximum Z _S Φ permitted by BS	(measi	inal circui ured end r _n (Neutral)	r ₂	(one co	rcuits plumn to ppleted)	Ω Live - Live	Σ Live - Earth	< Test voltage	♣ Polarity	Maximum measured Θ earth fault loop impedance Zs	B Disconnection time	Test button operation	Test button operation
6 L2	RFC - Sockets, Lounge, Corridor, Dining room - 033, 034, 026A	A	В	8	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.76	0.72	1.25	0.43			>999	500	•	0.55	13.9	•	
7 L2	RFC - Sockets, Kitchen - 035	А	В	5	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.57	0.57	0.64	0.51			>999	500	•	0.32	14.1	~	
8 L2	Socket Kitchen - 035	Α	В	1	2.5	1.5	0.4	60898	В	20	10		1.75				0.27			>999	500	•	0.46			
9 L2	Cooker - 035	Α	В	1	10	4	0.4	60898	898 B 32 10 1.10 0.34 >999 50														0.55			
10 L2	spare																									
11 L2	spare																									
12 L2	spare																									
13 L2	Sub Mains(DB T1/A) - 001A (Supply to 03-024-00-001A-DB1 (DB T1/A) (Eaton 3))	G	E	1	6	23	5	60898	В	32	10		1.10				0.16			>999	500	•	0.35			
											_															
		-																								
		-																								
TYP	A B C D E F G H CODES FOR Thermoplastic Thermoplastic cables in cables in cables in cables in metallic conduit metallic trunking nonmetallic trunking nonme														0 - Ot N/.											

S	SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS																										
Distr	Distribution board designation: 03-024-00-001A-DB1 (DB T1/A) (Eaton 3) Location: 03-024-00-001A Tutors Flat Garage																										
				dovices			RCD	Circuit impedances (Ohn					ns) Insulation resistance					nred	RC	.D	AFDD						
Circuit number and phase	Circuit designat	lon	Type of wiring	Reference Method	Number of points served	Live mm ²	срс	Max disconnec permitted by E	BS(EN)	Type No	y Rating	∑ Capacity	3 Operating ➤ current, I∆n	α Maximum Z _S permitted by BS	(measi	inal circuit ured end t rn (Neutral)		All cir (one col be com	lumn to	- Γιν - Γιν - ΜΩ	Ω Live - Earth	< Test voltage		Maximum measured Β earth fault loop impedance Zs	B Disconnection time	Test button operation	Test button operation
1 L2	Lights, Garage - 001A		О	С	2	1.5		0.4	60898	В	10	10		3.50				0.09			>999	500		0.40			
2 L2	Sockets, Garage - 001 Socket Outlets)	A (Rcd	0	С	1	2.5	1.5	0.4	60898	В	20	10		1.75				0.15			>999	500	~	0.41	28.6	•	
3 L2	Spare																										
4 L2	Spare																										
5 L2	Spare																										
6 L2	Spare																										
7 L2	Spare																										
TYP	S FOR Thermoplastic E OF insulated/sheathed RI NG cables	B Thermoplastic cables in metallic conduit		(C ermopla cables i etallic d	in		С	D rmoplastic ables in Ilic trunking	1		E rmopl ables tallic t	in	/SWA cables /SWA cables			nosetting	·	H Minera insulated o		O - Other N/A						
APP	BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION Supply to this distribution board is from: 03-024-00-030-DB1 (DB DB/CT1) (Eaton 3) - 13 L2 No of phases: 1 Confirmation of supply polarity:																										
	vercurrent protective device BS(EN): 60898 - Type B						Ra	ting:			32	Λ	lominal 'oltage:	23	0 v	Zs:		0.3	35 Ω	lpt	f:		0.6	65 kA			
RCD	a.c. ibation of out.	BS(EN):								No	of po	oles:				ating:		mA		onnecti	on	- ms			ectior 5ln:	۱	- ms
_	DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers):																										
Multi-f	Multi-functional: 102007843 Insulation res						tion resis	stanc	e:				102	200784	13		Continuity:				102007843						
Earth	Earth electrode resistance: 102007843 Earth fault loc						fault loop	imp	impedance: 102007843						R	RCD: 102007843											
	TESTED BY Name: Liam Firth Position: Electrician Signature: Date: 09/09/2020																										
Nam	Name: Liam Firth Position: Electrician						n				Signat	ure:							Dat	te:	00	4/U9/ 	2020	J			

S	SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS																										
Distr	Distribution board designation: 03-024-00-045-DB1 (DB CT2) (Eaton 3) Location: 03-024-00-045 Family Flat																										
			Circuit conductors: E				resistance					measured t loop	RO	D	AFDD												
Circuit number and phase	Circuit designat	ion	Type of wiring	Reference Method	Number of points served	Live		Max disconnect to permitted by BS	BS(EN)	Type No	➤ Rating	∑ Capacity	g Operating ➤ current, I∆n	Maximum Z _S permitted by B		rnal circui	r ₂	All cir (one col be com	lumn to	4	ΩM Live - Earth	< Test voltage	♣ Polarity	Maximum mea S earth fault look impedance 7s	g Disconnection g time	Test button operation	Test button operation
1 L3	Lighting Lounge Hall E And Lobby, 048, 045,		А	В	6	1.5	1	0.4	60898	В	10	10		3.50				1.68			>999	500	~	1.75			
2 L3	Bathroom Lighting, 04	7	Α	В	2	1.5	1	0.4	61009	В	10	10	30	3.50				0.21			>999	500	~	0.36	18.3	~	
3 L3	Spare																										
4 L3	Rfc Sockets Lounge,Hallway,Bedro 044, 048	om , 045,	А	В	8	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.80	0.79	1.32	0.53			>999	500	•	0.26	13.9	•	
5 L3	Rfc Kitchen Sockets, 0	46	Α	В	3	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.21	0.20	0.31	0.14			>999	500	~	0.27	14.0	~	
6 L3	Fused Spur And Socke Cupboard, 053	t In	А	В	3	2.5	1.5	0.4	60898	В	20	10		1.75				0.15			>999	500	~	0.30	8.2	~	
TYP	A B C D E CODES FOR Thermoplastic Thermopla							in	/SWA cables /SWA cable					9					O - Other N/A								
APP	BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION Supply to this distribution board is from: 03-024-00-002-MP1 (MP1) (Dormin Smith) - 7 L3 No of phases: 1 Confirmation of supply polarity:																										
	urrent protective device e distribution circuit:	BS(EN):		609	947-2	2 - Ty	ype l	N/A		Rat	ing:			100	Λ	lominal oltage:	23	0 V	Zs:			18 Ω	lp:				31 ka
RCD		BS(EN):								No	of po	oles:			R	ating:		mA		connecti e at In:	on	ms		sconr ne at		n 	·- ms
_	DETAILS OF TEST I			/or a	sset	numh	ners)																				
Details of Test Instruments used (state serial and/or asset numbers): Multi-functional: 102007843 Insulation r						tion resis	tance	e:			102007843				Continuity:					102007843							
Earth electrode resistance: 102007843 Ear				arth	fault loop impedance:					102007843					RCD:				102007843								
	Name: Paul Springthorpe Position: Electrician Signature: Date: 06/10/2020																										

Distribution board designation: 03-024-00-045-DB1 (DB CT2) (Eaton 3) Location: 03-024-00-045 Family Flat																										
	Circuit conductors:								/e	RCD BS7671		Circuit impedances					Insulation resistance			nred	RC	CD AF	DD			
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live mm ²	cuit uctors: sa cpc mm ²	Max disconnect of permitted by BS	BS(EN)	Type No	> Rating	≯ Capacity	g Operating ➤ current, I∆n	ω Maximum Z _S permitted by BS				All circuits (one column to be completed) R1+R2 R2		ΩM Live - Earth	< Test voltage		Maximum measured Β earth fault loop impedance Zs	g Disconnection y time	Test button operation	operation	
7 L3	Cooker, 046	A	В	1	10	4	0.4	60898	В	20	10		1.75			0.2	20		>999	500	~	0.48				
8 L3	Spare																									
9 L3	Spare																									
10 L3	Spare																									
11 L3	Spare																									
12 L3	Spare																									
13 L3	Spare																									
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	A	В		С				D			E			F		G		Н				0 - 0	ther			
TYP	S FOR Thermoplastic TI E OF insulated/sheathed	Thermoplastic Thermoplastic cables in cables in nonmetallic conduit					C	rmoplastic ables in Ilic trunking	r	Thormonlastic				Thermor		Thermosetting			Mineral nsulated cables			N/A				

Limitations

GENERAL COMMENTS General Comments for the Installation or Inspection of the report: Insulation Resistance Tests have been carried out as far as reasonably possible (linked line & neutral to earth tests were undertaken on circuits where it was not feasible to disconnect vast amounts of equipment as agreed with Nigel Harrison - Estates) and a minimum of 20% of termination points on each individual circuit, and on lighting circuits a minimum of two luminaries and two switches have been inspected. Reference methods were inspected as far as reasonably practicable. Cable sizes and lengths were estimated and could not be absolutely confirmed. No designated power circuit supplies for IT equipment, server comms, fire alarms and CCTV were interrupted (unless isolated at the time of test by the client. Characteristics of primary supply overcurrent device not inspected, the earthing system has not been verified and details regarding this within page 3 are via enquiry to the previous report. The maximum demand has not been calculated. No external earth loop impedance (Ze) has been measured; no full isolation of site possible. The numbers of points served has been investigated as far as is reasonably practicable. Please refer to previous inspection reports for additional information, these are held on site by estates (110041636).

Approximate Submains Lengths

GENERAL COMMENTS

General Comments for the Installation or Inspection of the report:

Approximate Submains Lengths (To listed distribution boards) -

03-024-00-010-DB1 (DB B/G)	5 Meters
03-024-02-011D-DB1 (DB B/F)	20 Meters
03-024-02-004D-DB1 (DB B/S)	25 Meters
03-024-00-030-DB1 (DB DB/CT1)	25 Meters
03-024-00-001A-DB1 (DB T1/A)	20 Meters
03-024-00-045-DB1 (DB CT2)	20 Meters
03-024-00-039-DB1 (DB CT3)	20 Meters

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ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

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

- 1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.
- 2. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
- 3. The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.
- 4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. For safety reasons it is important that this instruction is followed.
- 5. Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
- 6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section 4.
- 7. For items classified in Section 7 as C1 ('Danger present'), the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
- 8. For items classified in Section 7 as C2 ('Potentially dangerous'), the safety of those using the installation may be at risk and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
- 9. Where it has been stated in Section 7 that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 6).

 10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a
- 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.