Report Reference:

1 DETAILS OF THE PERSON ORDERING THE REPORT

Client:

Address:

2 REASON FOR PRODUCING THIS REPORT

Reason for producing this report:

Landlords Safety Report.

Date(s) on which inspection and testing was carried out: 04/06/2020

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

Installation Address:

Estimated age of wiring system: 30 years

Evidence of additions/ alterations: N/A

if yes, estimated age: N/A years

Installation records available? (Regulation 651.1) N/A

Date of last inspection: N/A

4 EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

10% of Visible and Accessible Accessories.

Agreed limitations including the reasons (see Regulation 653.2):

No lifting of floor boards or inspection of loft space, No Removal of down lights to preserve the fabric of the building, No insulation resistance testing between line and neutral. As this was an occupied property not all accessories were visible and accessible, No access to main fuse, due to this we will have to assume it is rated at 100amps. No Live testing of off peak circuits.

Agreed with: Clients

Operational limitations including the reasons:

Safety and Accessibility.
Tenant was not very happy for power to go off.
Not very cooperative.
Garage and top of the garage limited access due to boxes.

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.

5 SUMMARY OF THE CONDITION OF THE INSTALLATION

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use*: UNSATISFACTORY

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

6 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.
Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.
Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by: 5 Years or change of tenant/owner

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

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

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

N/A There are no items adversely affecting electrical safety

or

✔ The following observations and recommendations are made

Item No	Observations	Classification Code
1	Inspection Schedule Item 4.4: Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5) is recommended for improvement.	C3
2	Inspection Schedule Item 4.3: Condition of enclosure(s) in terms of IP rating etc (416.2) is in a potentially dangerous condition. Urgent remedial action is required.	C2
3	Inspection Schedule Item 4.5: Enclosure not damaged/deteriorated so as to impair safety (651.2) is recommended for improvement.	C3
4	Inspection Schedule Item 5.12.3: For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203) is in a potentially dangerous condition. Urgent remedial action is required.	C2
5	Inspection Schedule Item 5.3: Condition of insulation of live parts (416.1) requires further investigation without delay.	FI
6	Inspection Schedule Item 4.14: 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) is in a potentially dangerous condition. Urgent remedial action is required.	C2
7	Inspection Schedule Item 5.18: Condition of accessories including socket-outlets, switches and joint boxes (651.2(v)) is in a potentially dangerous condition. Urgent remedial action is required.	C2

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

- C1 Danger Present. Risk of injury. Immediate remedial action required
- C2 Potentially dangerous. Urgent remedial action required
- C3 Improvement recommended
- FI Further investigation required without delay

Immediate remedial action required for items:	N/A
Urgent remedial action required for items:	2, 4, 6, 7
Improvement recommended for items:	1, 3
Further investigation required for items:	5

8 GENERAL CONDITION OF THE INSTALLATION

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

This installation does not comply with BS7671.

9 DECLARATION

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

Trading Title:

Address:

Postcode:

Registration Number (if applicable):

Telephone Number:

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name:		Position:	Electrician	Signature:		Date:	04/06/2020

Report reviewed and authorised for issue by:

Name:		Position:		Signature:		Date:	

10 TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:		Earth electrode resistance:	
Insulation resistance:		Earth fault loop impedance:	
Continuity:		RCD:	

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements

TN-S	✔
TN-C-S	N/A
TT	N/A

Number and Type of Live Conductors

1-phase (2 wire):	✔	1-phase (3 wire):	N/A
3-phase (3 wire):	N/A	3-phase (4 wire):	N/A
Other:	N/A		

Confirmation of supply polarity: ✔

Nature of Supply Parameters

Nominal voltage(s):	U: 240 V	Uo: 230 V	
Nominal frequency, f:	50 Hz		
Prospective fault current, Ipf:	1.49 kA		
External earth fault loop impedance, Ze:	0.50 Ω		

Supply Protective Device

BS(EN):	LIM
Type:	LIM
Rated current:	100 A
Short-circuit capacity:	LIM kA

12 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Means of Earthing

Distributor's facility:	✔
Installation earth electrode:	N/A

Details of Installation Earth Electrode (where applicable)

Type:	N/A	Location:	N/A
Resistance to Earth:	N/A Ω	Method of measurement:	N/A

Maximum Demand (Load):	100 Amps	Protective measure(s) against electric shock:	ADS

Main Switch / Switch-Fuse / Circuit-Breaker / RCD

Type BS(EN):	60947-3 Isolator	Current rating:	100 A	Supply conductors material:	Copper
Number of poles:	2	Fuse/device rating or setting:	N/A A	Supply conductors csa:	25 mm²
		Voltage rating:	240 V		

If RCD main switch:

Rated residual operating current (IΔn):	N/A mA
Rated time delay:	N/A ms
Measured operating time (at IΔn):	N/A ms

Earthing and Protective Bonding Conductors

Earthing conductor

Conductor material:	Copper	csa:	16 mm²	Connection/ continuity verified:	✔

Main protective bonding conductors

Conductor material:	Copper	csa:	10 mm²	Connection/ continuity verified:	✔

Bonding of extraneous-conductive parts

To water installation pipes:	✔	To gas installation pipes:	✔
To oil installation pipes:	N/A	To lightning protection:	N/A
To structural steel:	N/A	To other service(s):	N/A

13 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item	Description	Comments	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)		
1.1	Service cable	N/A	LIM
1.2	Service head	N/A	LIM
1.3	Earthing arrangement	N/A	LIM
1.4	Meter tails	N/A	✔
1.5	Metering equipment	N/A	LIM
1.6	Isolator (where present)	N/A	LIM
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)	N/A	N/A
3.0	EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)		
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	N/A	✔
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	N/A	N/A
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)	N/A	✔
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	N/A	✔
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	N/A	✔
3.6	Confirmation of main protective bonding conductor sizes (544.1)	N/A	✔
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	✔
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	N/A	N/A
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)		
4.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)	N/A	✔
4.2	Security of fixing (134.1.1)	N/A	✔
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	IP RATING FOR CU	C2
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	CU NOT FIRE RATED	C3
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	CU MISSING 1 SCREW FOR COVER	C3
4.6	Presence of main linked switch (as required by 462.1.201)	N/A	✔
4.7	Operation of main switch (functional check) (643.10)	N/A	✔
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	✔
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	N/A	✔
4.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	N/A	✔
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)	N/A	N/A
4.12	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	N/A	N/A
4.13	Presence of other required labelling (please specify) (Section 514)	N/A	N/A
4.14	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)	INCORRECT MCB RATING FOR RING 20 AMPS AND RADIAL 32 AMPS-DB1-C10,C12	C2

OUTCOMES

Acceptable condition	TICK	Unacceptable condition	C1 or C2	Improvement recommended	C3	Further investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A

14 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item	Description	Comments	Outcome
4.15	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	N/A	✔
4.16	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	N/A	✔
4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	N/A	✔
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A	✔
4.19	RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3; 415.1)	N/A	✔
4.20	Confirmation of indication that SPD is functional (651.4)	N/A	N/A
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure	N/A	✔
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	N/A
5.0	FINAL CIRCUITS		
5.1	Identification of conductors (514.3.1)	N/A	✔
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	✔
5.3	Condition of insulation of live parts (416.1)	DB1-C9-C12,C14-C16. DB2-C1,C3.DB3-C5-C8	FI
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	✔
5.4.1	To include the integrity of conduit and trunking systems (metallic and plastic)	N/A	✔
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	✔
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	✔
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	✔
5.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	N/A	✔
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	✔
5.10	Concealed cables installed in prescribed zones (see Section 4. Extent and Limitations) (522.6.202)	N/A	LIM
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section 4. Extent and	N/A	LIM
5.12	Provision of additional requirements for protection by RCD not exceeding 30mA:		
5.12.1	For all socket-outlets of rating 32A or less, unless an exception is permitted (411.3.3)	N/A	✔
5.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3)	N/A	✔
5.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203)	NO RCD	C2
5.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	N/A	LIM
5.12.5	Final circuits supplying luminaires within domestic (household) premises (411.3.4)	N/A	✔

OUTCOMES

Acceptable condition	TICK	Unacceptable condition	C1 or C2	Improvement recommended	C3	Further investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A

15 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item	Description	Comments	Outcome
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	LIM
5.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	N/A
5.15	Cables segregated/separated from communications cabling (528.2)	N/A	N/A
5.16	Cables segregated/separated from non-electrical services (528.3)	N/A	N/A
5.17	Termination of cables at enclosures - indicate extent of sampling in Section 4 of the report (Section 526)		
5.17.1	Connections soundly made and under no undue strain (526.6)	N/A	✔
5.17.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	✔
5.17.3	Connections of live conductors adequately enclosed (526.5)	N/A	✔
5.17.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	✔
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	DSSO ENTRICE CANT PLUG IN	C2
5.19	Suitability of accessories for external influences (512.2)	N/A	✔
5.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	✔
5.21	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	✔
6.0	LOCATION(S) CONTAINING A BATH OR SHOWER		
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	✔
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A	N/A
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	✔
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A	✔
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A	N/A
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	✔
6.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	N/A
6.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	✔
7.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspections)		
7.1		N/A	N/A
7.2		N/A	N/A
7.3		N/A	N/A
7.4		N/A	N/A
7.5		N/A	N/A
7.6		N/A	N/A
7.7		N/A	N/A
7.8		N/A	N/A
7.9		N/A	N/A
7.10		N/A	N/A

OUTCOMES

Acceptable condition	TICK	Unacceptable condition	C1 or C2	Improvement recommended	C3	Further investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A

16 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit: D.B. 1 | Location: Garage | Prospective fault current: 1.49 kA

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, IΔn		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
														r_1	r_n	r_2	R_1+R_2	R_2								
					mm²	mm²	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
1	Oven Radial	A	A	-	6	2.5	0.4	60898	B	32	6	N/A	1.37	N/A	N/A	N/A	LIM	N/A	LIM	63	250	---	LIM	N/A	N/A	N/A
2	Kitchen Sockets	A	A	-	2.5	2.5	0.4	60898	B	32	6	N/A	1.37	LIM	LIM	LIM	0.04	N/A	LIM	106	250	✔	0.54	N/A	N/A	N/A
3	Loft Boiler	A	A	-	2.5	2.5	0.4	60898	B	20	6	N/A	2.19	N/A	N/A	N/A	LIM	N/A	LIM	11.7	250	---	LIM	N/A	N/A	N/A
4	Immersion Radial	A	A	-	2.5	2.5	0.4	60898	B	16	6	N/A	2.73	N/A	N/A	N/A	LIM	N/A	LIM	11.7	250	---	LIM	N/A	N/A	N/A
5	Lounge lights	A	A	-	1.5	1.5	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	LIM	N/A	LIM	11.5	250	---	LIM	N/A	N/A	N/A
6	Loft lights	A	A	-	1.5	1.5	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	---	LIM	N/A	N/A	N/A
7	Garage lights	A	A	-	1.5	1.5	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	N/A	LIM	N/A	N/A	N/A
8	Smoke Alarm	A	A	-	1.5	1.5	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.54	N/A	LIM	> 200	250	✔	1.04	N/A	N/A	N/A
9	Bed 3 Sockets	A	A	-	2.5	2.5	0.4	60898	B	32	6	30	1.37	LIM	LIM	LIM	0.11	N/A	LIM	0.39	250	✔	0.61	18.9	✔	N/A
10	Study Sockets	A	A	-	2.5	2.5	0.4	60898	B	20	6	30	2.19	LIM	LIM	LIM	0.01	N/A	LIM	0.39	250	✔	0.49	18.9	✔	N/A
11	Dinner Sockets	A	A	-	2.5	2.5	0.4	60898	B	32	6	30	1.37	LIM	LIM	LIM	0.03	N/A	LIM	0.39	250	✔	0.53	18.9	✔	N/A
12	Utility Radial	A	A	-	2.5	2.5	0.4	60898	B	32	6	30	1.37	N/A	N/A	N/A	0.12	N/A	LIM	0.39	250	✔	0.62	19.9	✔	N/A
13	Guest Ring	A	A	-	2.5	2.5	0.4	60898	B	32	6	30	1.37	N/A	N/A	N/A	0.19	N/A	LIM	> 200	250	✔	0.69	19.9	✔	N/A
14	Boiler Ring	A	A	-	2.5	2.5	0.4	60898	B	32	6	30	1.37	LIM	LIM	LIM	LIM	N/A	LIM	0.42	250	---	LIM	19.9	✔	N/A
15	Garage sockets	A	A	-	2.5	2.5	0.4	60898	B	20	6	30	2.19	N/A	N/A	N/A	LIM	N/A	LIM	0.45	250	---	LIM	19.9	✔	N/A
16	Guest lights	A	A	-	1.5	1.5	0.4	60898	B	6	6	30	7.28	N/A	N/A	N/A	LIM	N/A	LIM	0.45	250	---	LIM	19.9	✔	N/A

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit: D.B. 2 | Location: Garage | Prospective fault current: 1.49 kA

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, IΔn		r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm²	mm²	s			A	kA	mA	Ω	Ω	Ω	Ω	Ω	Ω	MΩ	MΩ	V	✔	Ω	ms	✔	✔
1	Gate supply	G	D	-	2.5	2.5	0.4	60898	B	16	6	30	2.73	N/A	N/A	N/A	LIM	N/A	LIM	0.20	250	---	LIM	22.8	✔	N/A
2	Spare	-	-	-	-	-	0.4	60898	B	16	6	30	2.73	N/A	N/A	N/A	-	N/A	-	-	-	---	-	22.8	✔	N/A
3	Lights outside	G	D	-	1.5	1.5	0.4	60898	B	6	6	30	7.28	N/A	N/A	N/A	LIM	N/A	LIM	0.20	250	LIM	LIM	22.8	✔	N/A
4	Spare	-	-	-	-	-	0.4	60898	B	6	6	30	7.28	N/A	N/A	N/A	-	N/A	-	-	-	---	-	22.8	✔	N/A

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit: D.B. 3 | Location: Storage Cupboard | Prospective fault current: 1.49 kA

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, IΔn		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
														r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2								
					mm²	mm²	s			A	kA	mA	Ω						MΩ	MΩ	V	✔	Ω	ms	✔	✔
1	Lights Lounge	A	A	-	1.5	1.5	0.4	60898	B	6	6	30	7.28	N/A	N/A	N/A	LIM	N/A	LIM	20	250	LIM	LIM	21.9	✔	N/A
2	Lights Kitchen	A	A	-	1.5	1.5	0.4	60898	B	6	6	30	7.28	N/A	N/A	N/A	LIM	N/A	LIM	20	250	LIM	LIM	21.9	✔	N/A
3	Lights Hall & Exterior	A	A	-	1.5	1.5	0.4	60898	B	6	6	30	7.28	N/A	N/A	N/A	LIM	N/A	LIM	20	250	LIM	LIM	21.9	✔	N/A
4	Spare MCB	-	-	-	-	-	0.4	60898	B	6	6	30	7.28	N/A	N/A	N/A	-	-	-	-	-		-	21.9	✔	N/A
5	Family Room Sockets	A	A	-	2.5	2.5	0.4	60898	B	32	6	N/A	1.37	0.88	0.90	1.09	0.20	N/A	LIM	0.10	250	✔	0.70	N/A	N/A	N/A
6	Sockets Upstairs	A	A	-	2.5	2.5	0.4	60898	B	32	6	N/A	1.37	0.79	0.86	0.99	0.04	N/A	LIM	0.10	250	✔	0.54	N/A	N/A	N/A
7	Sockets Hall	A	A	-	2.5	2.5	0.4	60898	B	16	6	N/A	2.73	N/A	N/A	N/A	0.01	N/A	LIM	0.10	250	✔	0.44	N/A	N/A	N/A
8	Lights upstairs	A	A	-	1.5	1.5	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	LIM	N/A	LIM	0.10	250	✔	LIM	N/A	N/A	N/A

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

CONTINUATION FOR GENERAL COMMENTS

GENERAL COMMENTS

General Comments for the Installation or Inspection of the report: