

ELECTRICAL INSTALLATION  
CONDITION REPORT cont.

Acknowledgement: this certificate is based on the model in Appendix 6 of BS 7671: 2018

Certificate No.

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CLIENT DETAILS		INSTALLATION ADDRESS	
Croesyceiliog Rugby Club		Same as adjacent	
The Highway, Croesyceiliog			
Cwmbran			
Postcode NP44 2HJ		Postcode	
PURPOSE FOR WHICH THIS REPORT IS REQUIRED			
Periodic inspection			
Date(s) on which inspection and testing was carried out: 8-7/24			
DESCRIPTION OF PREMISES			
Domestic <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Other (include description)			
Estimated age of the wiring system: Years 20			
Evidence of Alterations / Additions: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not apparent <input type="checkbox"/> If 'Yes' estimate age in years 5			
Date of last inspection: unknown Records available: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Extent of electrical installation covered by this report		Agreed Limitations (See Reg 653.2)	
Full installation		Agreed with Customer	
		Operational limitations No access to attic	
		Space, Routes of Cables, Fire alarm	
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 <b>not</b> been inspected unless specifically agreed between the client and the inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment. This 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:			
SUMMARY OF THE CONDITION OF THE INSTALLATION			
General condition of the installation (in terms of electrical safety)			
Satisfactory, improvement suggested and Recorded			
Overall assessment of the installation in terms of its suitability for continued use: Satisfactory <input checked="" type="checkbox"/> Unsatisfactory* <input type="checkbox"/>			
*An unsatisfactory assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified.			
RECOMMENDATIONS & NEXT INSPECTION			
Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY, I/we recommend that any observations classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'further investigation required' (Code FI). Observations classified as 'Improvement recommended' (code C3) should be given due consideration.			
Subject to the necessary remedial action being taken, I/We recommend that this installation is further inspected and tested by 8/7/29 (Date)			
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 of this report.			
Inspected and tested by:		Report authorised for issue by:	
Name Capitals G PATTIMORE	Date 9/7/24	Name Capitals G PATTIMORE	Date 9/7/24
Signature Gattimore		Signature Gattimore	
For/on behalf of G P ELECTRICS		For/on behalf of G P ELECTRICS	
Position Electrician		Position Electrician	
Address 46 Poplar Road		Address 46 Poplar Road	
Croesyceiliog		Croesyceiliog	
CP Scheme: N/A <input checked="" type="checkbox"/>		Membership No:	



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SUPPLY CHARACTERISTICS & EARTHING ARRANGEMENTS					
Earthing Arrangements		Number of Live Conductors		Nature of Supply Parameters	
TN-C	TN-S	Phase 3 Wire 4	AC <input checked="" type="checkbox"/> DC <input type="checkbox"/>	Nominal Voltage U <sub>0</sub> *	400 V
TN-C-S <input checked="" type="checkbox"/>	TT	Other		Nominal Frequency f*	50 Hz
IT		Confirmation of supply polarity		Prospective fault current I <sub>pf</sub> †	1.53 kA
Supply Protective Device Characteristics				External loop impedance Z <sub>e</sub> †	
Type	BS 88	Nominal current rating	LIM A	* by enquiry † by enquiry or by measurement <input checked="" type="checkbox"/>	
Other sources of supply (as detailed on attached schedule) <input checked="" type="checkbox"/>					
PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT					
Means of Earthing		Details of Installation Earth Electrode (where applicable)			
Distributor's facility	<input checked="" type="checkbox"/>	Type [eg. rod(s) tape etc] _____			
Installation earth electrode	<input checked="" type="checkbox"/>	Electrode resistance to Earth _____ Ω			
		Location _____			
Main Protective Conductors					
Earthing conductor:	Material	COPPER	csa 16 mm <sup>2</sup>	Continuity and connection verified <input checked="" type="checkbox"/>	
Main protective bonding conductors: (to extraneous-conductors-parts)	Material	COPPER	csa 10 mm <sup>2</sup>	Continuity and connection verified <input checked="" type="checkbox"/>	
To water installation pipes <input checked="" type="checkbox"/>	To gas installation pipes <input checked="" type="checkbox"/>	To oil installation pipes <input checked="" type="checkbox"/>	To structural steel <input checked="" type="checkbox"/>		
To lightning protection <input checked="" type="checkbox"/>	To other <input checked="" type="checkbox"/>	Specify _____			
Main Switch / Switch - Fuse / Circuit-Breaker / RCD					
BS, Type	60947-3	No. of poles	4	Voltage rating	415 V
Location	Cellar	Current rating	A	Fuse / device rating or setting	125 A
If RCD main switch: Rated residual operating current I <sub>Δn</sub> = _____ mA Type _____ Rated time delay _____ ms Measured operating time _____ ms					
OBSERVATIONS					
Referring to the attached schedules of inspection and test results, and subject to the limitations specified at the Extent and limitations of inspection and testing section. No remedial action is required <input type="checkbox"/> The following observations are made <input checked="" type="checkbox"/> See below					
OBSERVATIONS (Include schedule reference as appropriate)					CLASSIFICATION CODE
Circuit 1L3 Not identified not Tested					F1/C3
Circuit 3L1 Disconnect inline DB For DP Switch					C3
Circuit 5L3 Not identified not Tested					F1/C3
Circuit 6L3 / 7L1 / 10L1 Not identified, Not Tested					F1/C3
Circuit 5L1 + 12L2 Needs improvement (Trunking etc)					C3
Circuit 9L3 Recommend RCD Protection					C3
Mains Cables need fixing (securing)					C3
DB1 routing of cables in DB are a mess					C3
DB1 entry of cables need upgrading (IP rating)					C3
Circuit 12L3 Recommend RCD protection					C3
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 F1 - Further investigation required without delay.					
Schedules					
The attached Schedules are part of this document and this Certificate is valid only when they are attached to it.					
No. of Inspection Schedules attached:		3			
No. of Test Result Schedules attached:		4			

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CONDITION REPORT INSPECTION SCHEDULE FOR RESIDENTIAL AND SIMILAR  
PREMISES WITH UP TO 100 A SUPPLY

OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further Investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A
Item	Description										Outcome (Use codes above. Provide additional comment where appropriate. C1, C2, C3 & FI coded items to be recorded under observations in the Condition Report)			
1.0 INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)														
1.1	Distributor / supplier intake equipment service cable													
	• Service cable										✓			
	• Service head										✓			
	• Meter tails										✓			
	• Metering equipment										✓			
	• Isolator (where present)										N/A			
NOTE 1: Where inadequacies in the intake equipment are encountered, which may result in a dangerous or potentially dangerous situation, the person ordering the work and/or duty holder must be informed. It is strongly recommended that the person ordering the work informs the appropriate authority. NOTE 2: For this section only, where inadequacies are found, an 'X' should be put against the appropriate item and a comment under observations. Person ordering work/duty holder notified (Deleted as appropriate). Y / N / NA														
1.2	Consumer's isolator (where present)										N/A			
1.3	Consumer's meter tails										C3			
2.0 PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)														
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)										✓			
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)										N/A			
3.3	Provision of earthing / bonding labels at all appropriate locations (514.13.1)										✓			
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)										✓			
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)										✓			
3.6	Confirmation of main protective bonding conductor sizes (544.1)										✓			
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)										✓			
3.8	Accessibility and condition of other protective bonding connections (543.3.1, 543.3.2)										✓			
4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)														
4.1	Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1)										✓			
4.2	Security of fixing (134.1.1)										✓			
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)										C3			
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)										C3			
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)										✓			
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)										✓			
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)										✓			
4.10	Presence of RCD six-monthly test notice at or near consumer unit / distribution board (514.12.2)										✓			
4.11	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)										N/A			
4.12	Presence of other required labelling (please specify) (Section 514)										✓			
4.13	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)										✓			
4.14	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)										✓			
4.15	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5, 522.8.11)										C3			



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OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further Investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A
Item	Description	Outcome (Use codes above. Provide additional comment where appropriate. C1, C2, C3 & FI coded items to be recorded under observations in the Condition Report)												
4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) - continued														
4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board / enclosures (521.5.1)	✓												
4.18	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)	✓												
4.19	RCD(s) provided for additional protection / requirements - includes RCBOs (411.3.3; 415.1)	✓												
4.20	Confirmation of indication that SPD is functional (651.4)	N/A												
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✓												
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A												
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A												
5.0 FINAL CIRCUITS														
5.1	Identification of conductors (514.3.1)	✓												
5.2	Cables correctly supported throughout their run (521.10.202, 522.8.5)	LIM												
5.3	Condition of insulation of live parts (416.1)	✓												
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A												
	<ul style="list-style-type: none"><li>To include the integrity of conduit and trunking systems (metallic and plastic)</li></ul>													
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓												
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	✓												
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓												
5.8	Presence and adequacy of circuit protective conductors (411.3.1.1; Section 543)	✓												
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	✓												
5.10	Concealed cables installed in prescribed zones (see: Extent and limitations) (522.6.202)	LIM												
5.11	Cables concealed under floors, above ceilings or in walls / partitions, adequately protected against damage (See extent and limitations) (522.6.204)	LIM												
5.12	Provision of additional requirements for protection by RCD not exceeding 30 mA: <ul style="list-style-type: none"><li>for all socket-outlets of rating 32 A or less unless an exception is permitted (411.3.3)</li></ul>	C3												
	<ul style="list-style-type: none"><li>for supply of mobile equipment not exceeding 32 A rating; for use outdoors (411.3.3)</li></ul>	N/A												
	<ul style="list-style-type: none"><li>for cables concealed in walls at a depth of less than 50 mm (522.6.202, 203)</li></ul>	LIM												
	<ul style="list-style-type: none"><li>for cables concealed in walls / partitions containing metal parts regardless of depth (522.6.203)</li></ul>	LIM												
	<ul style="list-style-type: none"><li>Final circuits supplying luminaires within domestic (household) premises (411.3.4)</li></ul>	N/A												
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	<del>ES</del> ✓												
5.14	Band II cables segregated/separated from Band I cables (528.1)	✓												
5.15	Cables segregated/separated from communications cabling (528.2)	LIM												
5.16	Cables segregated/separated from non-electrical services (528.3)	LIM												
5.17	Termination of cables at enclosures—indicate extent of sampling in 'Extent and Limitations' of the report (Section 526) <ul style="list-style-type: none"><li>Connections soundly made and under no undue strain (526.6)</li></ul>	✓												
	<ul style="list-style-type: none"><li>No basic insulation of a conductor visible outside enclosure (526.8)</li></ul>	✓												
	<ul style="list-style-type: none"><li>Connections of live conductors adequately enclosed (526.5)</li></ul>	✓												
	<ul style="list-style-type: none"><li>Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)</li></ul>	✓												
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	✓												



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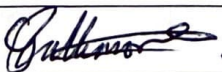
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OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further Investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A
Item	Description	Outcome (Use codes above. Provide additional comment where appropriate. C1, C2, C3 & FI coded items to be recorded under observations in the Condition Report)												
5.0 FINAL CIRCUITS - continued														
5.19	Suitability of accessories for external influences (512.2)	✓												
5.20	Adequacy of working space / accessibility to equipment (132.12; 513.1)	✓												
5.21	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	✓												
6.0 LOCATION(S) CONTAINING A BATH OR SHOWER														
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)	C3												
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A												
6.3	Shaver supply units 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 V) socket-outlets sited at least 2.5 m from zone 1 (701.512.3)	N/A												
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	✓												
6.7	Suitability of accessories and control gear etc for a particular zone (701.512.3)	✓												
6.8	Suitability of current-using equipment for particular position within the location (701.55)	✓												
7.0 OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS														
7.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied.)	N/A												
8.0 PROSUMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S)														
8.1	Where the installation includes additional requirements and recommendations relating to Chapter 82, additional inspection items should be added to the checklist	N/A												
GUIDANCE FOR RECIPIENTS														
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 is reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deterioration, defects and or conditions which may give rise to danger see Section K.														
2. This Report is only valid if accompanied by the Inspection Schedule and the Schedules of Circuit Details and Test Results.														
3. The person ordering the report should have received the original report and the inspector should have retained a duplicate.														
4. 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.														
5. Section D (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 (licencing 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 D.														
7. For items classified in Section K 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 K 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 K 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 F).														
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 F of the report under Recommendations'.														
11. Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or 'Test'. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the bottom is pressed, seek expert advice. For safety reasons it is important that this instruction is followed.														
12. Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.														
13. Where the installation includes a surge protection device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with the manufacturer's information. If the indication shows that the device is not operational, seek expert advice. For safety reasons it is important that this instruction is followed.														
14. Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.														

Inspected by:  
Name (Capitals)

G PATTIMORE

Signature



Date

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# SCHEDULE OF TEST RESULTS

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DB reference no. <b>DB1</b>		Details of circuits and/or installed equipment vulnerable to damage when testing										Details of test instruments used (state serial and/or asset numbers)																													
Location <b>Cellar</b>		<b>LED lights, Neons on Switches, PIR Sensor's</b>										Multifunction <b>KEWTECH KT64 DL</b>																													
Zs at DB (Ω) <b>0.35</b>	Ipf at DB (kA) <b>1.53</b>											Insulation / continuity																													
Correct supply polarity confirmed <input checked="" type="checkbox"/>												Earth fault loop impedance																													
Phase sequence confirmed (where appropriate) <input checked="" type="checkbox"/>												RCD					Earth electrode res.																								
Tested by: Name (Capitals) <b>G PATTIMORE</b>												Date <b>9/7/24</b>												Test Results																	
Signature <i>G Pattimore</i>																																									
Circuit Details												Ring Final Circuit Continuity (Ω)												Continuity (Ω) (R1+R2) or R2		V		Insulation Resistance (MΩ)		✓ or ✗		Zs (Ω)		RCD (ms)		✓ or ✗		AFDD test button operation		Remarks / observations No. See separate sheet (TC7)	
Circuit number	Circuit Description	BS (EN)	Type	Rating (A)	Breaking Capacity (kA)	RCD IΔn (mA)	Ref. Method	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	(R1+R2)	R2	Ins. Resistance Test Voltage	Live - Live	Live - Earth	Polarity	Maximum measured	Disconnection time	RCD test button operation	AFDD test button operation	Remarks / observations No. See separate sheet (TC7)																		
1	L1 <b>DB2</b>	60898	C	63	10	/	100	16	6	/	/	/	0.15	/	500	/	>999	✓	0.20	/	/	/	/																		
	L2 <b>Function Ladies/Gents Axxxy change room LTS</b>	60898	B	10	10	/	100	1.5	1	/	/	/	1.18	/	250	/	>999	✓	1.55	/	/	/	/																		
	L3 <b>UNKNOWN</b>	61009	B	20	6	30	100	2.5	1	/	/	/									✓	/	✓																		
2	L1 <b>SPARE</b>	60898	B	20	10	/																																			
	L2 <b>RS Function room LTS</b>	60898	B	10	10	/	100	1.5	1	/	/	/	1.01	/	250	/	>999	✓	1.36	/	/	/	/																		
	L3 <b>Function Ladies wc dryer</b>	61009	B	20	6	30	100	2.5	1	/	/	/	0.61	/	250	/	>999	✓	0.96	15	✓	/	/																		
3	L1 <b>Cellar fan cooler</b>	60898	B	32	10	/	100	6	2.5	/	/	/	0.12	/	250	/	>999	✓	0.23	/	/	/	✓																		
	L2 <b>Function room LTS</b>	60898	B	10	10	/	100	1.5	1	/	/	/	1.19	/	250	/	>999	✓	1.54	/	/	/	/																		
	L3 <b>Function Gents wc dryer</b>	61009	B	20	6	30	100	2.5	1	/	/	/	0.47	/	250	/	>999	✓	0.82	15	✓	/	/																		
4	L1 <b>Function Bar, Zapper Bar TV SKTS</b>	61009	B	32	6	30	100	2.5	1	0.31	0.32	0.58	0.23	/	500	/	>999	✓	0.58	28	✓	/	/	/																	
	L2 <b>Function Disco ball</b>	60898	B	10	10	/	100	1.5	1	/	/	/	0.62	/	250	/	>999	✓	0.97	/	/	/	/																		
	L3 <b>SPARE</b>	60898	B	10	10	/																																			



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Circuit Details										Test Results													
Circuit number	Circuit Description	Protective Device					Conductor Details			Ring Final Circuit Continuity (Ω)			Continuity (Ω) (R1+R2) or R2		V	Insulation Resistance (MΩ)		✓ or ✗	Zs (Ω)	RCD (ms)	✓ or ✗	AFDD test button operation	Remarks/observations No. See separate sheet (TC7)
		BS (EN)	Type	Rating (A)	Breaking Capacity (kA)	RCD ΔIn (mA)	Ref. Method	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	r1 (line)	rn (neutral)	r2 (cpc)	(R1+R2)	R2	Ins. Resistance Test Voltage	Live - Live	Live - Earth	Polarity	Maximum measured	Disconnection time	RCD test button operation		
L1	Washing Machine	60898	B	32	10	/	100	6	2.5	/	/	/	0.13	/	250	/	>999	✓	0.48	/	/	/	✓
L2	Function wall LTS	60898	B	10	10	/	100	1.5	1	/	/	/	1.11	/	250	/	>999	✓	1.46	/	/	/	/
L3	UNKNOWN	60898	B	20	10	/		6	2.5	/	/	/										/	✓
L1	SPARE	60898	B	20	10	/																/	/
L2	Cellar skts	61009	B	32	6	30	100	2.5	1	0.20	0.20	0.33	0.05	/	250	/	>999	✓	0.40	F	✓	/	✓
L3	UNKNOWN	60898	B	20	10	/				/	/	/										/	✓
L1	UNKNOWN	61009	B	16	6	30				/	/	/										/	✓
L2	Water heater	60898	B	16	10	/	100	2.5	1	/	/	/	0.17	/	250	/	>999	✓	0.52	/	/	/	/
L3	Function Room Fan	60898	B	10	10	/	100	1.5	1	/	/	/		/	250	/	>999	✓	LIM	/	/	/	/
L1	SPARE	60898	B	10	10	/																/	/
L2	Water heater	60898	B	16	10	/	100	2.5	1	/	/	/	0.14	/	250	/	>999	✓	0.49	/	/	/	/
L3	Home changing + shower LTS	60898	B	10	10	/	100	1.5	1	/	/	/	1.01	/	250	/	>999	✓	1.36	/	/	/	/
L1	Cellar, Memorial, o/s LTS	60898	B	10	10	/	100	1.5	1	/	/	/	1.21	/	250	/	>999	✓	1.56	/	/	/	/
L2	Water heater	60898	B	16	10	/	100	2.5	1	/	/	/	0.13	/	250	/	>999		0.48	/	/	/	/
L3	LS Function Room skts	60898	B	32	10	/	100	2.5	1	0.80	0.80	1.48	0.33	/	250	/	>999		0.68	/	/	/	✓
L1	UNKNOWN	60898	B	10	10	/		1	1	/	/	/		/								/	✓
L2	Water heater	60898	B	16	10	/	100	2.5	1	/	/	/	0.12	/	250	/	>999		0.47	/	/	/	/
L3	4 Samp Sw Cellar, Bar water heater	60898	B	32	10	/	100	6	2.5	/	/	/	0.16	/	250	/	>999		0.19	/	/	/	✓
L1	SPARE	61009	C	32	10	30																/	/
L2	SPARE	61009	B	32	6	30																/	/
L3	SPARE	60898	B	10	10	/																/	/
L1	Dart board skt + LT	60898	B	16	10	/	100	2.5	1	/	/	0.04	/	/	250	/	>999		0.39	/	/	/	/
L2	Tumble dryer	60898	B	32	10	/	100	6	2.5	/	/	0.13	/	/	250	/	>999		0.48	/	/	/	✓
L3	Stage, Memorial, o/s skt	60898	B	32	10	/	100	2.5	1	0.0	0.98	1.25	/	/	250	/	>999		1.04	/	/	/	✓



# SCHEDULE OF TEST RESULTS

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DB reference no. 2		Details of circuits and/or installed equipment vulnerable to damage when testing										Details of test instruments used (state serial and/or asset numbers)																							
Location Behind Bar		LED lights, Fire alarm										Multifunction KEWTECH KT640L																							
Zs at DB (Ω) 0.20		Ipf at DB (kA) 1.064												Insulation / continuity																					
Correct supply polarity confirmed <input checked="" type="checkbox"/>												Earth fault loop impedance																							
Phase sequence confirmed (where appropriate) N/A												RCD					Earth electrode res.																		
Tested by: Name (Capitals) G PATTINORF.												Date 8/7/2024.												Test Results											
Signature																																			
Circuit Details																																			
		Protective Device					Conductor Details			Ring Final Circuit Continuity (Ω)			Continuity (Ω) (R1+R2) or R2		V	Insulation Resistance (MΩ)		✓ or ✗	Zs (Ω)	RCD (ms)	✓ or ✗	AFDD test button operation	Remarks / observations No. See separate sheet (TC7)												
Circuit number	Circuit Description	BS (EN)	Type	Rating (A)	Breaking Capacity (kA)	RCD IΔn (mA)	Ref. Method	Live (mm²)	cpc (mm²)	r1 (line)	rn (neutral)	r2 (cpc)	(R1+R2)	R2	Ins. Resistance Test Voltage	Live - Live	Live - Earth	Polarity	Maximum measured	Disconnection time	RCD test button operation	AFDD test button operation	Remarks / observations No. See separate sheet (TC7)												
1	UPSTAIRS SOCKETS	61009-1	B	32	6	30	100	2.5	1	0.68	0.68	1.25	0.57	/	250	/	>999	✓	0.77	19	✓	/	/												
2	UPSTAIRS SOCKETS Boiler + Bar	61009-1	B	32	6	30	100	2.5	1	0.55	0.54	0.98	0.32	/	250	/	>999	✓	0.52	24	✓	/	/												
3	PUBLIC BAR SOCKETS	61009-1	B	32	6	30	100	2.5	1	0.57	0.57	0.93	0.40	/	250	/	>999	✓	0.60	14	✓	/	/												
4	UNKNOWN	61009-1	B	32	6	30	100	2.5	1	/	/	/	/	/	250	/	/	/	19	/	/	✓													
5	UPSTAIRS bar + Boiler Room lights.	61009-1	B	10	6	30	100	1	1	/	/	/	0.36	/	250	/	>999	✓	0.55	19	✓	/	/												
6	Bar lights	61009-1	B	10	6	30	100	1	1	/	/	/	/	/	250	/	/	/	19	✓	/	✓													
7	PUBLIC BAR and lounge lights	61009-1	B	10	6	30	100	1	1	/	/	/	2.54	/	250	/	>999	✓	2.74	20	/	/	/												
8	UPSTAIRS, Corridor and Toilets lights	61009-1	B	6	6	30	100	1	1	/	/	/	0.89	/	250	/	>999	✓	1.09	19	✓	/	/												
9	<del>UNKNOWN</del> Storage cupboard	61009-1	B	6	6	30	100	1	1	/	/	/	0.51	/	250	/	>999	✓	0.71	19	✓	/	/												
10	Hob	61009-1	B	40	6	30	100	6	2.5	/	/	/	0.09	/	250	/	>999	✓	0.29	19	✓	/	/												
11	UPSTAIRS Dishwasher	61009-1	B	32	6	30	100	6	2.5	/	/	/	/	/	250	/	>999	✓	0.28	29	/	/	/												
12	oven	61009-1	B	32	6	30	100	6	2.5	/	/	/	0.41	/	250	/	>999	✓	0.41	19	✓	/	/												



Acknowledgement: this certificate is based on the model in appendix 6 of BS 7671: 2018

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With reference to the attached schedules of inspection and test results; this form is for remarks and additional observations.

When used as part of a New Electrical Installation Report all entries will be remarks.

When used as part of an Electrical Installation Condition Report and subject to the limitations specified in the EXTENT AND LIMITATIONS OF INSPECTION AND TESTING section:      No remedial action is required ☐      The following observations are made: (See below)

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 **F1** - Further investigation required without delay.