

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Report Reference: POLTAIR IOS EICR / 2019-100747

1 DETAILS OF THE PERSON ORDERING THE REPORT

Client: COUNCIL OF THE ISLES OF SCILLY
Address: TOWN HALL, ST MARYS, ISLES OF SCILLY, TR21 0SA

2 REASON FOR PRODUCING THIS REPORT

Reason for producing this report:
SAFETY ASSESSMENT REQUESTED BY THE CLIENT TO ASCERTAIN THE "IN SERVICE" CONDITION OF THE ELECTRICAL INSTALLATION

Date(s) on which inspection and testing was carried out: 12/11/2019

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

Installation Address: POLTAIR, ST MARYS, ISLES OF SCILLY, TR21 0JT

Estimated age of wiring system:	20+ years	Evidence of additions/alterations:	Yes	if yes, estimated age:	5 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:
FIXED INSTALLATION AT THE ABOVE ADDRESS INCLUDING 80% SAMPLES OF ACCESSORIES, 100% DISTRIBUTION BOARDS EARTHING/PROTECTIVE BONDING CONDUCTORS AND FINAL DISTRIBUTION CIRCUITS IN ACCORDANCE WITH ITEM 3.8 OF GUIDANCE NOTES 3

Agreed limitations including the reasons (see Regulation 653.2):
UNABLE TO VERIFY CHARACTERISTICS OF PRIMARY OVER CURRENT DEVICE, AS UNABLE TO WITHDRAW AT TIME OF TEST
APPLIANCES, FIXED OR PORTABLE ARE NOT WITHIN THE SCOPE OF THIS INSPECTION
INSULATION RESISTANCE TESTING BETWEEN LINE AND NEUTRAL DUE TO ATTACHED LOADS
ALL ZS RESULTS CALCULATED UNLESS SAFE LIVE WORKING PERMITS.

Agreed with: RACHAEL GUY

Operational limitations including the reasons:
IN THIS INSTALLATION THERE ARE MANY POINTS WE WERE UNABLE TO IDENTIFY OR GET ACCESS TO DUE TO BEING BUILT IN OR BURIED BEHIND FURNATURE OR CLUTTER.

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: 3 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	IP FAILURE ON THE MAIN RCD ENCLOSURE	C2
2	THERE IS NO MAIN WATER BOND	C2
3	THE COOKER SWITCH IS CONNECTED THE WRONG WAY ROUND WITH THE FEED IN THE LOAD SIDE	C3
4	UN SUPPORTED AND NPROTECTED CABLES LAYING ON TOP OF THE KITCHEN UNITS WHICH IS USED FOR STORAGE (POTENTIAL OF DAMAGE)	C2
5	EXPOSED SINGLE INSULATED CABLES EXPOSED OUTSIDE OF THE INCLOSURE ON TOP OF THE KITCHEN CUPBOARDS FROM THE G/F SHOWER PULL SWITCH	C2
6	THERE IS NO RING CONTINUITY ON ANY OF THE CABLES ATTACHED TO CCT3 SOCKETS ON D/B 1 (32A MCB)	C2
7	PATTRESS TO TSSO IN REAR G/F BEDROOM IS BROKEN	C2
8	TRUNKING ABOVE IMMERSION SWITCH CONTAINING SHOWER CABLE COMING AWAY FROM WALL	C2
9	CABLES COMING FROM D/B IN THE CUPBOARD ARE NOT FIXED OR PROTECTED RUNNING ALONG THE FLOOR OF THE CUPBOARD COVERED IN THE PLASTER FALLEN AWAY FROM THE WALL	C2
10	THE CABLE TO THE FIRST FLOOR SHOWER ENTER THE ENCLOSURE THROUGH THE WRONG ENTRY POINT DUE TO SHORT LENGTH OF CABLE AND ARE THROUGH CRIMPED AND TAPED TO REACH THE TERMINALS	C3
11	THERE IS NO RING CONTINUITY ON ANY OF THE CABLES ATTACHED TO CCT 6 D/B 1 (32A MCB) THIS CIRCUIT INCORPERATES 20 POINTS FOUND INCLUDING UNDER FLOOR HEATING	C2
12	THE BEDROOM UPSTAIRS HAS BEEN DIVIDED INTO TWO ROOMS AND A MAKESHIFT CABIN BED BUILT IN POSITION WITH LIGHTS SOCKETS , UNDER FLOOR HEATING CONTROLLS AND FAN HEATERS ATTACHED. ALL THESE POINTS APPEAR TO BE PLUGGED INTO THE SOCKET OUTLETS BUT STILL DEEM THEM AS A POTENTIAL HAZZARD!	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: 1, 2, 4, 5, 6, 7, 8, 9, 11, 12

Improvement recommended for items: 3, 10

Further investigation required for items: N/A

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN (CONTINUED)

Item No	Observations	Classification Code
13	THERE IS A LIMATATION ON CCT6 OF D/B 1 AS THIS IS NOT A RING AND NOT ALL POINTS WERE ACCESSABLE DUE TO FURNATURE AND CLUTTER WHICH WE COULD NOT MOVE	NOTE
14	CCT 1 D/B 1 MCB RATED TOO HIGH FOR THE CIRCUIT CABLEING ATTACHED	C2
15	THE LIGHT SWITCH AND THE COOKER POINT IN THE KITCHEN ARE MOUNTED ON THE UNDERSIDE OF THE KITCHEN UNITS (MOUNTED UPSIDE DOWN)	C3
16	THE OFF PEAK HEATER POINT IN THE MUSIC ROOM IS UN SECURED	C2
17	CABLES EXPOSED DUE TO BUILDING WORKS ABOVE UNDER STAIRS CUPBOARD DOOR HAVE BEEN DAMAGED	C2
18	CABLES IN UNDER STAIRS CUPBOARD ARE UNSECURED AND UNPROTECTED AND IN SOME CASES EVEN USED TO HANG CLOTHES ON!!	C2
19	THE MAIN EARTH WIRE IS UNDER SIZED 4MM	C2
20	THE SUPPLY CABLE COMING IN THROUGH THE GROUND IS AN OLD BITCHUMIN COVERED CABLE AND IS SHOWING SIGNS OF THE BITCHUMIN COMING AWAY AT LOW LEVEL	C3
21	THERE IS NO IDENTIFICATION SLEEVING USED ON POINTS INSPECTED	C3
22	THERE IS NO RCD TEST LABLE AT THE MAINS POSITION	C3
23	THERE IS NO MIXED COLOURS LABLE AT THE D/B	C3
24	THERE ARE INCORRECT MAKES OF MCB USED IN THE D/B	C3
25	THERE IS A SOCKET OUTLET IN THE BATHROOM CUPBOARD WHICH IS LESS THAN 3M FROM THE BATH ALTHOUGH IT IS IN A CUPBOARD THE DOORS ARE OF LATTICE CONSTRUCTION WITH EXTENSION ADAPTOR PLUGGED IN WITH HEATERS DEHUMIDIFIER AND OTHER THINGS PLUGGED IN	C2
26	THERE IS A LED LIGHT FITTING PLACED ON A SHELF ABOVE THE BATH WHICH IS PLUGGED INTO THE TWIN SOCKET IN THE BATHROOM CUPBOARD	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: 14, 16, 17, 18, 19, 25, 26

Improvement recommended for items: 15, 20, 21, 22, 23, 24

Further investigation required for items: N/A

8 GENERAL CONDITION OF THE INSTALLATION

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

THE INSTALLATION IS IN NEED OF SOME MAJOR REMEDIAL WORKS AND TO BE HONEST THE ONLY WAY I CAN SEE OF GUARANTING A SATISFACTORY REPORT IS BY A FULL REWIRE.

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: DAVEY & GILBERT LTD


Address: UNIT 1 PENSANS
ROSPEATH INDUSTRIAL ESTATE
ROSPEATH LANE, CROWLAS

Registration Number
(if applicable): 22449

Telephone Number: 01736 332749

Postcode: TR20 8DU

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name: S GILBERT Position: Electrician Signature:  Date: 12/11/2019

Report reviewed and authorised for issue by:

Name: P EDDY Position: QUALIFIED SUPERVISOR Signature:  Date: 29/11/2019

10 TEST INSTRUMENTS

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

Multi-functional:	2745002	Earth electrode resistance:	-
Insulation resistance:	-	Earth fault loop impedance:	-
Continuity:	-	RCD:	-

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements	Number and Type of Live Conductors	Nature of Supply Parameters	Supply Protective Device
TN-S N/A	1-phase (2 wire): <input checked="" type="checkbox"/> 3-phase (3 wire): N/A	Nominal voltage(s): U: 240 V Uo: 230 V	BS(EN): LIM
TN-C-S <input checked="" type="checkbox"/>	3-phase (3 wire): N/A 3-phase (4 wire): N/A	Nominal frequency, f: 50 Hz	Type: LIM
TT N/A	Other: N/A	Prospective fault current, Ipf: 2 kA	Rated current: LIM A
	Confirmation of supply polarity: <input checked="" type="checkbox"/>	External earth fault loop impedance, Ze: 0.12 Ω	Short-circuit capacity: LIM kA

12 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Means of Earthing	Details of Installation Earth Electrode (where applicable)
Distributor's facility: <input checked="" type="checkbox"/>	Type: N/A Location: N/A
Installation earth electrode: N/A	Resistance to Earth: N/A Ω Method of measurement: N/A
Maximum Demand (Load): 80 Amps	Protective measure(s) against electric shock: ADS
Main Switch / Switch-Fuse / Circuit-Breaker / RCD	
Type: 61008 RCD	Current rating: 80 A
BS(EN):	Fuse/device rating or setting: N/A A
Number of poles: 2	Voltage rating: 240 V
	Supply conductors material: Copper
	Supply conductors csa: 16 mm ²
	If RCD main switch: Rated residual operating current (I _{Δn}): N/A mA
	Rated time delay: N/A ms
	Measured operating time (at I _{Δn}): N/A ms
Earthing and Protective Bonding Conductors	
Earthing conductor	Connection/continuity verified: <input checked="" type="checkbox"/>
Conductor material: Copper	csa: 4 mm ²
Main protective bonding conductors	Connection/continuity verified: <input checked="" type="checkbox"/>
Conductor material: Copper	csa: NON mm ²
Bonding of extraneous-conductive parts	
To water installation pipes: <input checked="" type="checkbox"/>	To gas installation pipes: N/A
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 AND SIMILAR PREMISES WITH UP TO 100A

Item	Description	Comments	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)		
1.1	Service cable	SEE NOTES	C3
1.2	Service head	N/A	✓
1.3	Earthing arrangement	N/A	✓
1.4	Meter tails	N/A	✓
1.5	Metering equipment	N/A	✓
1.6	Isolator (where present)	N/A	N/A
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR 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	C3
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	N/A	C2
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)	SEE NOTES	C2
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	SEE NOTES	C2
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	SEE NOTES	C2
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)	SEE NOTES	C2
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	N/A	✓
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	SEE NOTES	C2
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	C3
4.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	SEE NOTES	C3
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)	SEE NOTES	C3
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)	SEE NOTES	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
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14 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100A

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)	SEE NOTES	C2
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	CORRECTED AT TIME OF TEST	NOTE
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)	SEE NOTES	C3
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	SEE NOTES	C2
5.3	Condition of insulation of live parts (416.1)	N/A	✓
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	SEE NOTES	C2
5.4.1	To include the integrity of conduit and trunking systems (metallic and plastic)	SEE NOTES	C2
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)	SEE NOTES	C2
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	SEE NOTES	C2
5.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	SEE NOTES	LIM
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)	N/A	✓
5.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	N/A	✓
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
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15 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100A

Item	Description	Comments	Outcome
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	✓
5.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	✓
5.15	Cables segregated/separated from communications cabling (528.2)	N/A	✓
5.16	Cables segregated/separated from non-electrical services (528.3)	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)	SEE NOTES	C2
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)	SEE NOTES	C2
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	N/A	✓
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	✓
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	N/A
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A	N/A
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	SEE NOTES	C2
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	SEE NOTES	C2
6.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	SEE NOTES	C2
6.8	Suitability of current-using equipment for particular position within the location (701.55)	SEE NOTES	C2
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	N/A
7.2	N/A	N/A	N/A
7.3	N/A	N/A	N/A
7.4	N/A	N/A	N/A
7.5	N/A	N/A	N/A
7.6	N/A	N/A	N/A
7.7	N/A	N/A	N/A
7.8	N/A	N/A	N/A
7.9	N/A	N/A	N/A
7.10	N/A	N/A	N/A

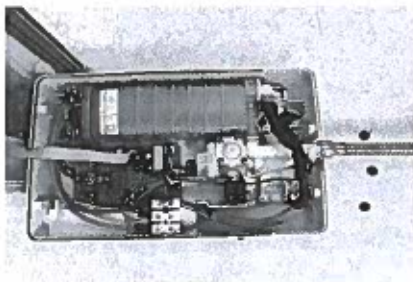
OUTCOMES

Acceptable condition	TICK	Unacceptable condition	C1 or C2	Improvement recommended	C3	Further Investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS																									
Designation of consumer unit:		D.B. 2 OFF PEAK										Location: LOW LEVEL CUPBOARD IN MUSIC R/M					Prospective fault current:			2 kA					
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: c/s			Max disconnection time permitted by BS7671 s	Overcurrent protective devices			RCD	Circuit Impedances (Ohms)						Insulation resistance			RCD	AFDD		
					Live mm ²	Cpc mm ²	gpc		BS(EN)	Type No	Rating A		Capacity kA	Operating current, I _{Δn} mA	Maximum I _{Δn} permitted by BS7671 Ω	Ring final circuits only (measured end to end)			All other circuits (one column to be completed)		Live - Live MΩ			Live - Earth MΩ	Test voltage V
																r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂					
1	IMM HTR POINT	A	100	1	2.5	1.5	0.4	60898	B	16	6	N/A	2.18	N/A	N/A	N/A	0.40	N/A	>200	> 200	500	✓	LIM	N/A	N/A
2	UNABLE TO IDENTIFY?	A	100	LIM	2.5	1.5	0.4	60898	B	16	6	N/A	2.18	N/A	N/A	N/A	LIM	LIM	>200	> 200	500	LIM	LIM	N/A	N/A
3	UNABLE TO IDENTIFY?	A	100	LIM	2.5	1.5	0.4	60898	B	16	6	N/A	2.18	N/A	N/A	N/A	LIM	LIM	>200	> 200	500	LIM	LIM	N/A	N/A
4	UNABLE TO IDENTIFY?	A	100	LIM	2.5	1.5	0.4	60898	B	16	6	N/A	2.18	N/A	N/A	N/A	LIM	LIM	>200	> 200	500	LIM	LIM	N/A	N/A
5	UNABLE TO IDENTIFY?	A	100	LIM	2.5	1.5	0.4	60898	B	16	6	N/A	2.18	N/A	N/A	N/A	LIM	LIM	>200	> 200	500	LIM	LIM	N/A	N/A
6	HTR POINT IN MUSIC ROOM	A	100	1	2.5	1.5	0.4	60898	B	16	6	N/A	2.18	N/A	N/A	N/A	0.04	N/A	>200	> 200	500	✓	LIM	N/A	N/A
7	SPARE																								
8	SPARE																								

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



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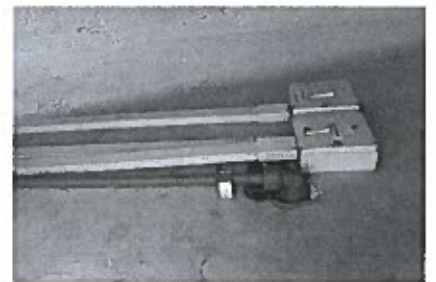
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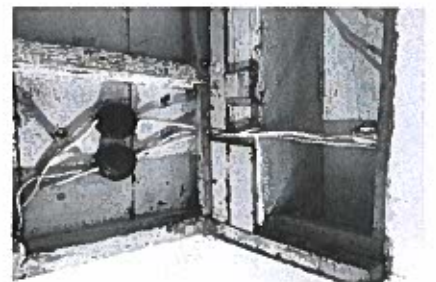
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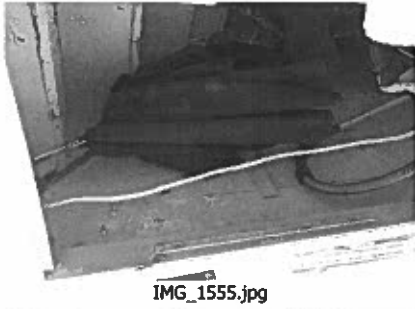
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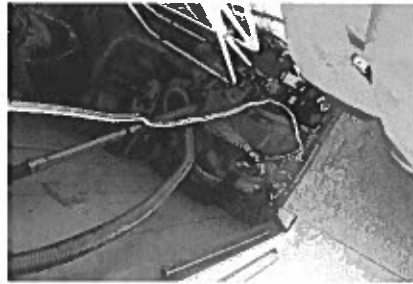
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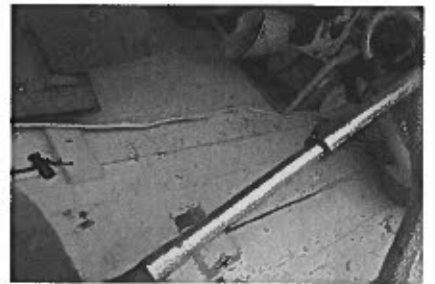
IMG_1554.jpg



IMG_1555.jpg



IMG_1556.jpg



IMG_1557.jpg



IMG_1559.jpg



IMG_1560.jpg



IMG_1561.jpg

