

Certificate Reference:

1 DETAILS OF THE PERSON ORDERING THE REPORT

Client: Mr Clayden
Address: Dove Lodge , Beach Road, Littlehampton, West Sussex, BN17 5JG

2 REASON FOR PRODUCING THIS REPORT

Reason for producing this report:
Next inspection date May 2014

Date(s) on which inspection and testing was carried out: 13/05/2019

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

Installation Address: Dove Lodge , Beach Road , Littlehampton , West Sussex, BN17 5JG

Description of premises: Domestic Commercial Industrial Other:

Estimated age of wiring system: years Evidence of additions/alterations: if yes, estimated age: years

Installation records available? (Regulation 651.1) Date of last inspection:

4 EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report:
100% Fixed wiring

Agreed limitations including the reasons (see Regulation 653.2):
40% sampling, no dead testing on sensitive equipment,

Agreed with: Client

Operational limitations including the reasons: No lifting of floor boards, going in loft area or lift shaft

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:

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	DB4-1 is not a ring anymore rcbo needs changing into 16a (Hager)	C3
2	6.16 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) is recommended for improvement.	C3
3	7.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) is recommended for improvement.	C3
4	Cable above suspended ceiling on ground floor unsupported requires protection against premature collapse	C2
5	Ground floor fire escapes corridor needs fire clips in trucking on wall	C2
6	No SPD protection at origin	C3
7	No Fire clips in trucking on stair way to first floor and first floor	C3
8	DB30 made of combustable material	C3
9	DB17, 18, 19, 21, 22 , DB14, combustable material	C3
10	Unsupported cables above suspended ceiling 1st floor escape routes	C2
11	DD6 missing grommet strip, ip rating comprised	C3
12	Missing earth sleeving on DB7-1	C3
13	No grommet for DB7 and ip rating compromised	C3
14	DB9 needs better labelling	C3
15	Inspection Schedule Item 7.12.1: For all socket-outlets of rating 32A or less unless exempt (411.3.3) * is recommended for improvement. (No additional protection for cable concealed behind walls and for sockets DB7) (No additional protection (Rcd) for circuits 1-3 DB5 (mem 2000)	C3
16	Inspection Schedule Item 7.12.4: For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) * is recommended for improvement.	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

Immediate remedial action required for items:

N/A

Urgent remedial action required for items:

4, 5, 10

Improvement recommended for items:

1, 2, 3, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16

Further investigation required for items:

N/A

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

Item No	Observations	Classification Code
17	Inspection Schedule Item 7.13: Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) is recommended for improvement. (Mains Electric cupboard down stairs need a fire barrier (fire foam) where holes drilled into wall/above stairs)	C3
18	Inspection Schedule Item 7.16.2: No basic insulation of a conductor visible outside enclosure (526.8) is recommended for improvement. (Supply cables in electric cupboard ground floor has single insulated cables visible going into phase bloc)	C3
19	Inspection Schedule Item 7.16.4: Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) is recommended for improvement. (DB9 missing grommets and compression glands)	C3
20	DB4 requires more indentification and labelling	C3
21	Broken/cracked socket 2nd floor hall	C3
22	IP rating on DB4 comprised trunking needed	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

Immediate remedial action required for items:

Urgent remedial action required for items:

Improvement recommended for items:

Further investigation required for items:

8 GENERAL CONDITION OF THE INSTALLATION

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

unsatisfactory

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: **RJK Electrical**

Address: **8 Balmoral close
Rustington
West Sussex**

Registration Number (if applicable): **31330**

Telephone Number: **07817149873**

Postcode: **BN16 3UT**

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name: **Robert Kilhams** Position: **Owner** Signature:  Date: **13/05/2019**

10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements	Number and Type of Live Conductors				Nature of Supply Parameters			Supply Protective Device	
TN-S	N/A	ac: <input checked="" type="checkbox"/>	dc: <input type="checkbox"/>	N/A	Nominal voltage(s):	U: 400 V	Uo: 230 V	BS(EN):	1361 Fuse HBC
TN-C-S	<input checked="" type="checkbox"/>	1-phase (2 wire): N/A	1-phase (3 wire): N/A	2 pole: N/A		Nominal frequency, f:	50 Hz	Type:	2
TNC	N/A	2-phase (3 wire): N/A	3-phase (4 wire): <input checked="" type="checkbox"/>	3 pole: N/A	Prospective fault current, Ipf:	1.4 kA	Rated current:	100 A	
TT	N/A	Other: N/A	Other: N/A	Other: N/A	External earth fault loop impedance, Ze:	0.15 Ω	Short-circuit capacity:	16.5 kA	
IT	N/A	Confirmation of supply polarity:		<input checked="" type="checkbox"/>	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:	<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):	60 Amps	Protective measure(s) against electric shock:			ADS
Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type		Current rating:		Supply conductors material:	If RCD main switch:
BS(EN):	5419 Isolator	Fuse/device rating or setting:		Copper	Rated residual operating current (IΔn):
Number of poles:	3	Voltage rating:		25 mm²	Rated time delay:
		240 V		Supply conductors csa:	Measured operating time (at IΔn):
Earthing and Protective Bonding Conductors		Connection/continuity verified:		Bonding of extraneous-conductive parts	
Earthing conductor		<input checked="" type="checkbox"/>		To water installation pipes:	<input checked="" type="checkbox"/>
Conductor material:	Copper	csa:	16 mm²	To oil installation pipes:	N/A
Main protective bonding conductors		<input checked="" type="checkbox"/>		To structural steel:	N/A
Conductor material:	Copper	csa:	10 mm²	To lightning protection:	N/A
				To other service(s):	N/A

12 INSPECTION SCHEDULE

Item	Description	Comment	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)		
1.1	Service cable	N/A	✓
1.2	Service head	N/A	✓
1.3	Earthing arrangements	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 PARALLEL OR SWITCHED ALTERNATIVE SOURCES		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	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)	N/A	✓
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	✓
3.1.3	Adequacy of earthing conductor connections (542.3.2)	N/A	✓
3.1.4	Accessibility of earthing conductor connections (543.3.2)	N/A	✓
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)	N/A	✓
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	✓
3.1.7	Accessibility of all protective bonding connections (543.3.2)	N/A	✓
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	✓
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	N/A
4.0	OTHER METHODS OF PROTECTION (where any of the methods listed below are employed details should be provided on separate sheets)		
4.1	Non-conducting location (418.1)	N/A	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A	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)	N/A	✓
5.2	Security of fixing (134.1.1)	N/A	✓
5.3	Condition of insulation of live parts (416.1)	N/A	✓
5.4	Adequacy/security of barriers (416.2)	N/A	✓
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	✓
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	N/A	✓
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	N/A	✓
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)	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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13 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
5.10	Operation of main switch(es) (functional check) (643.10)	N/A	✓
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	✓
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	N/A	✓
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)	N/A	✓
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	N/A	✓
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	N/A	✓
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	N/A	✓
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	N/A	N/A
5.19	Presence of next inspection recommendation label (514.12.1)	N/A	✓
5.20	Presence of other required labelling (please specify) (Section 514)	N/A	✓
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)	N/A	✓
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	✓
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	N/A	✓
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A	✓
6.0	DISTRIBUTION CIRCUITS		
6.1	Identification of conductors (514.3.1)	N/A	✓
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	✓
6.3	Condition of insulation of live parts (416.1)	N/A	✓
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	C3
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	✓
6.6	Cables correctly terminated in enclosures (Section 526)	N/A	✓
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure	N/A	✓
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	N/A	✓
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	✓
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	✓
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	✓
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	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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14 INSPECTION 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)	N/A	✓
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	N/A	✓
6.15	Cables concealed under floors, above ceilings, in walls/partitions less than 50mm from a surface, and in		
6.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	N/A	✓
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)	N/A	✓
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	C3
6.17	Band II cables segregated/separated from Band I cables (528.1)	N/A	✓
6.18	Cables segregated/separated from non-electrical services (528.3)	N/A	✓
6.19	Condition of circuit accessories (651.2)	N/A	✓
6.20	Suitability of circuit accessories for external influences (512.2)	N/A	✓
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	✓
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)	N/A	✓
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	N/A	✓
6.24	General condition of wiring systems (651.2)	N/A	✓
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	✓
7.0	FINAL CIRCUITS		
7.1	Identification of conductors (514.3.1)	N/A	✓
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	✓
7.3	Condition of insulation of live parts (416.1)	N/A	✓
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	C3
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	✓
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	✓
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	✓
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	✓
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	✓
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	✓
7.11	Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage		
7.11.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)	N/A	✓
7.11.2	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) (522.6.201;	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 (CONTINUED)

Item	Description	Comment	Outcome
7.12	Provision of additional protection by 30mA RCD:		
7.12.1	For all socket-outlets of rating 32A or less unless exempt (411.3.3) *	N/A	C3
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	N/A	✓
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *	N/A	C3
7.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *	N/A	C3
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *	N/A	N/A
* Note: Older installations designed prior to BS 7671:2018 may not have been provided with RCDs for additional protection.			
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	C3
7.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	✓
7.15	Cables segregated/separated from non-electrical services (528.3)	N/A	✓
7.16	Termination of cables at enclosures – identify/record numbers and locations of items inspected (Section 526):		
7.16.1	Connections under no undue strain (526.6)	N/A	✓
7.16.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	C3
7.16.3	Connections of live conductors adequately enclosed (526.5)	N/A	✓
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	C3
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	N/A	✓
7.18	Suitability of accessories for external influences (512.2)	N/A	✓
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	✓
8.0	ISOLATION AND SWITCHING		
8.1	Isolators (Sections 460; 537):		
8.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)	N/A	✓
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	N/A	✓
8.1.3	Capable of being secured in the OFF position (462.3)	N/A	✓
8.1.4	Correct operation verified (643.10)	N/A	✓
8.1.5	Clearly identified by position and/or durable marking (537.2.6)	N/A	✓
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	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)	N/A	✓
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	N/A	✓
8.2.3	Capable of being secured in the OFF position (462.3)	N/A	✓
8.2.4	Correct operation verified (643.10)	N/A	✓
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	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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16 INSPECTION 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)	N/A	✓
8.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	N/A	✓
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
9.1	Condition of equipment in terms of IP rating etc (416.2)	N/A	✓
9.2	Equipment does not constitute a fire hazard (Section 421)	N/A	✓
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	N/A	✓
9.4	Suitability for the environment and external influences (512.2)	N/A	✓
9.5	Security of fixing (134.1.1)	N/A	✓
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)	N/A	✓
9.7	Recessed luminaires (downlighters):		
9.7.1	Correct type of lamps fitted (559.3.1)	N/A	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	N/A
9.7.3	No signs of overheating to surrounding building fabric (559.4.1)	N/A	N/A
9.7.4	No signs of overheating to conductors/terminations (526.1)	N/A	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)	N/A	N/A
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A	N/A
10.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	N/A
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671: 2018 (701.415.2)	N/A	N/A
10.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A	N/A
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	N/A
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	N/A
10.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	N/A
11.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspections)		
11.1	N/A	N/A	N/A
11.2	N/A	N/A	N/A
11.3	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

17 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 1

Location:

Electric cupboard

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s Ω	RCD		AFDD	
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA			Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	Disconnection time ms		Test button operation
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂								
1L1	DB2	A	C	1	2.5	1.5	0.4	60898	B	16	6	N/A	2.73	N/A	N/A	N/A	0.08	N/A	LIM	> 200	250	✓	0.23	N/A	N/A	N/A	
1L2	Socket in Room 3	A	C	1	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.17	41	✓	N/A	
1L3	DB3	A	C	1	10	4	0.4	60898	C	63	6	N/A	0.35	N/A	N/A	N/A	0.01	N/A	LIM	> 200	250	✓	0.16	N/A	N/A	N/A	
2L1	Lift motor	A	C	1	6	6	0.4	60898	C	40	6	N/A	0.55	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.17	N/A	N/A	N/A	
2L2	Lift motor	A	C	1	6	6	0.4	60898	C	40	6	N/A	0.55	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.17	N/A	N/A	N/A	
2L3	Lift motor	A	C	1	6	6	0.4	60898	C	40	6	N/A	0.55	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.17	N/A	N/A	N/A	
3L1	DB30	A	C	1	10	4	5	60898	C	63	6	N/A	0.35	N/A	N/A	N/A	0.08	N/A	LIM	> 200	250	✓	0.23	N/A	N/A	N/A	
3L2	DB4	A	C	1	10	4	5	60898	B	63	6	N/A	0.69	N/A	N/A	N/A	0.08	N/A	LIM	> 200	250	✓	0.23	N/A	N/A	N/A	
3L3	DB5	A	C	1	10	Armour	5	60898	B	40	6	N/A	1.09	N/A	N/A	N/A	0.09	N/A	LIM	> 200	250	✓	0.24	N/A	N/A	N/A	
4L1	Lights in electric cupboard	A	C	2	1.0	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.09	N/A	LIM	> 200	250	✓	0.24	N/A	N/A	N/A	
4L2	DB6	A	C	2	10	4	5	60898	B	63	6	N/A	0.69	N/A	N/A	N/A	0.01	N/A	LIM	> 200	250	✓	0.16	N/A	N/A	N/A	

18 BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION


Supply to this distribution board is from:	N/A	No of phases:	N/A	Confirmation of supply polarity:	N/A
Overcurrent protective device for the distribution circuit:	BS(EN): N/A	Rating:	N/A A	Nominal Voltage:	N/A V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
				Z _s :	N/A Ω
				Disconnection time at In:	N/A ms
				Disconnection time at 5I _n :	N/A ms
				lpf:	N/A kA

19 DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

20 TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **D.B. 1** Location: **Electric cupboard**

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD Operating current, I _{Δn} mA	Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s Ω	RCD		AFDD								
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V			Disconnection time ms	Test button operation		Test button operation							
														r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R _{1+R}	R ₂																
					✓	✓		✓																										
4L3	Spare																																	
5L1	DB20	A	C	1	10	4	5	60898	C	40	6	N/A	0.55	N/A	N/A	N/A	0.05	N/A	LIM	> 200	250	✓	0.20	N/A	N/A	N/A								
5L2	DB7&8	A	C	2	10	4	5	60898	B	63	6	N/A	0.69	N/A	N/A	N/A	0.01	N/A	LIM	> 200	250	✓	0.16	N/A	N/A	N/A								
5L3	Spare																																	
6L1	Fire alarm	A	C	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.73	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	0.27	N/A	N/A	N/A								
6L2	Spare																																	
6L3	DB9	A	C	1	10	4	5	60898	B	63	10	N/A	0.69	N/A	N/A	N/A	0.02	N/A	LIM	> 200		✓	0.17	N/A	N/A	N/A								

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	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	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 2

Location:

Boiler room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD			
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA			Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	✓		ms	✓	✓
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂										
1	Rcd socket in boiler room	A	B	1	2.5	1.5	0.4	60898	B	16	6	N/A	2.73	N/A	N/A	N/A	0.03	N/A	LIM	LIM	250	✓	0.26	N/A	N/A	N/A			
2	Boiler 2	A	B	1	2.5	1.5	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.07	N/A	LIM	> 200	250	✓	0.30	N/A	N/A	N/A			
3	Boiler 1	A	B	1	2.5	1.5	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.08	N/A	LIM	> 200	250	✓	0.31	N/A	N/A	N/A			
4	Control circuit	A	B	1	2.5	1.5	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.03	N/A	LIM	> 200	250	✓	0.26	N/A	N/A	N/A			
5	Booster	A	B	1	2.5	1.5	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.05	N/A	LIM	> 200	250	✓	0.28	N/A	N/A	N/A			
6	Light	A	B	1	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.09	N/A	LIM	> 200	250	✓	0.32	N/A	N/A	N/A			

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB1	No of phases:	1	Confirmation of supply polarity:	✓
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	16 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
		Z _s :	0.23 Ω	lpf:	1.1 kA
		Disconnection time at In:	N/A ms	Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 3

Location:

Electric cupboard

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s Ω	RCD		AFDD	
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA			Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	Disconnection time ms		Test button operation
															r ₁ (Line)	r ₂ (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂								
1	Sockets Room 12	A	C	3	2.5	1.5	0.4	61009	B	32	6	30	1.37						LIM	> 200	250	✓			✓	N/A	
2	Car park barrier	A	C	1	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	45	✓	N/A	
3	Jubilee room sockets	A	C	2	2.5	1.5	0.4	61009	B	32	6	30	1.37	0.20	0.20	0.33	0.37	N/A	LIM	> 200	250	✓	0.53	40	✓	N/A	
4	Socket by stairs	A	C	1	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.09	N/A	LIM	> 200	250	✓	0.25	45	✓	N/A	
5	Spare																										
6	Spare																										

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB1-1L3

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type C

Rating:

63 A

Nominal Voltage:

230 V

 Z_s:

0.16 Ω

 Ip_f:

1.4 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B.4

Location:

Cupboard (GF) by disabled toilet

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD		
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA			Operating current, I _{an} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	Disconnection time ms		Test button operation	Test button operation
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂									
1	Comms Cabinet	A	C	2	2.5	1.5	0.4	61009	B	32	6	30	1.37	LIM	LIM	LIM	LIM	N/A	LIM	> 200	250	✓	0.47	LIM	✓	N/A		
2	Sockets x2 room 3	A	C	2	2.5	1.5	0.4	61009	B	32	6	30	1.37	N/A	N/A	N/A	0.36	N/A	LIM	> 200	250	✓	0.50	35	✓	N/A		
3	Socket in room 3 by door	A	C	1	2.5	1.5	0.4	61009	B	32	6	30	1.37	N/A	N/A	N/A	0.28	N/A	LIM	> 200	250	✓	0.44	38	✓	N/A		
4	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	61009	B	32	6	30	1.37	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	37	✓	N/A		
5	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	61009	B	32	6	30	1.37	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	42	✓	N/A		
6	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	61009	B	32	6	30	1.37	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	37	✓	N/A		
7	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	61009	B	32	6	30	1.37	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	37	✓	N/A		
8	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	61009	B	32	6	30	1.37	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	35	✓	N/A		
9	Door open/closers	A	C	1	2.5	1.5	0.4	60898	B	16	6	N/A	2.73	N/A	N/A	N/A	LIM	N/A	LIM	> 200	N/A	✓	LIM	N/A	N/A	N/A		
10	Lights entrance and entrance hall	A	C	4	1.0	1.0	0.4	61009	B	6	6	30	7.28	N/A	N/A	N/A	0.66	N/A	LIM	> 200	250	✓	0.82	39	✓	N/A		
11	Son fitting in jubilee room	A	C	1	1.0	1.0	0.4	61009	B	6	6	30	7.28	N/A	N/A	N/A	0.31	N/A	LIM	> 200	250	✓	0.47	41	✓	N/A		

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB1-3L3	No of phases:	1	Confirmation of supply polarity:	<input checked="" type="checkbox"/>
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	63 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
				Z _s :	0.16 Ω
				Disconnection time at In:	N/A ms
				lpf:	1.4 kA
				Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	23/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 5

Location:

Lift motor room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I _{Δn}			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	
															r ₁	r ₂	R ₁ +R	R ₂	r _n (Neutral)								
					mm ²	mm ²	s	A	kA	mA	Ω	(Line)			(Neutral)	(cpc)	MΩ	MΩ	V	ms	ms						
1	Lift well and motor room lights	A	C	LIM	1.5	1.0	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	
2	Motor room heater	A	C	1	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.03	N/A	LIM	> 200	250	✓	0.26	N/A	N/A	N/A	
3	Lift light	A	C	1	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.49	N/A	LIM	> 200	250	✓	0.75	N/A	N/A	N/A	
4	Spare																										
5	Spare																										
6	Lift well power	A	C	LIM	2.5	1.5	0.4	60898	B	16	6	30	2.73	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	48	✓	N/A	
7	Motor room sockets	A	C	1	2.5	1.5	0.4	60898	B	16	6	30	2.73	N/A	N/A	N/A	0.05	N/A	LIM	> 200	250	✓	0.27	48	✓	N/A	
8	Lift cab power	A	C	LIM	2.5	1.5	0.4	60898	B	16	6	30	2.73	N/A	N/A	N/A	LIM	N/A	LIM	> 200	LIM	✓	LIM	48	✓	N/A	
9	Spare																										
10	Spare																										

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB1-3L3

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

40 A

Nominal Voltage:

230 V

 Z_s:

0.24 Ω

 Ip_f:

1.0 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 6

Location:

Tea Station 2nd floor

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD	
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V			Disconnection time ms	Test button operation		Test button operation
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂									
					Ω	Ω	Ω	Ω	Ω																			
1	Sockets Hallway 1st & 2nd floor	A	C	2	2.5	1.5	0.4	61009	B	32	6	30	1.37				0.38	N/A	LIM	> 200	250	✓	0.55		✓	N/A		
2	Sockets Tea station and socket by DB	A	C	3	2.5	1.5	0.4	61009	B	32	6	30	1.37	0.14	0.14	0.20	0.15	N/A	LIM	> 200	250	✓	0.37	45	✓	N/A		
3	DB23	A	C	1	6	2.5	5	60898	B	40	6	N/A	1.09	N/A	N/A	N/A	0.06	N/A	LIM	> 200	250	✓	0.23	N/A	N/A	N/A		
4	Lights Tea station, hall, 2nd floor office	A	C	7	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.41	N/A	LIM	> 200	250	✓	0.59	N/A	N/A	N/A		
5	Lights jubilee, Room 12, entrance and hall, waiting room and front office	A	C	8	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.70	N/A	LIM	> 200	250	✓	0.93	N/A	N/A	N/A		
6	Unknown/Not used	A	C	LIM	1.5	1.0	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	DB14	A	C	1	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.17	N/A	N/A	N/A		
8	DB15	A	C	1	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.03	N/A	LIM	> 200	250	✓	0.18	N/A	N/A	N/A		

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB1-4L2	No of phases:	1	Confirmation of supply polarity:	✓
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	63 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
				Z _s :	0.17 Ω
				Disconnection time at In:	N/A ms
				lpf:	0.09 kA
				Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 6

Location:

Tea Station 2nd floor

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD	
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I _{Δn}			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
															mm ²	mm ²	s	Ω	r ₁ (Line)									
					mm ²	mm ²	s	Ω	(Line)	(Neutral)	(cpc)	R _{1+R}			R ₂	MΩ	MΩ	V	ms	✓	✓							
9	DB22	A	C	1	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.16	N/A	N/A	N/A		
10	DB24	A	C	1	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.01	N/A	LIM	> 200	250	✓	0.16	N/A	N/A	N/A		
11	Spare																											

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	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	O - Other N/A
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 7

Location:

Hallway

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s Ω	RCD		AFDD
					Live mm ²	cpc mm ²	BS(EN)		Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V			Disconnection time ms	Test button operation	
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂								
					✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	
1	DB11	A	C	1	10	4	5	60898	B	40	10	N/A	1.09	N/A	N/A	N/A	0.03	N/A	> 200	> 200	250	✓	0.19	N/A	N/A	N/A	
2	Lights impact and hallway 1st floor	A	C	12	1.5	1.0	0.4	3871	2	5	10	N/A	6.18	N/A	N/A	N/A	0.90	N/A	LIM	> 200	250	✓	1.06	N/A	N/A	N/A	
3	Lights ladies toilet (GF) 1st floor toilet *	A	C	7	1.5	1.0	0.4	3871	2	5	10	N/A	6.18	N/A	N/A	N/A	0.85	N/A	LIM	> 200	250	✓	1.01	N/A	N/A	N/A	
4	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	10	N/A	2.08	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	LIM	LIM	N/A	N/A	N/A	
5	Hallway (GF) socket and mens toilet flush	A	C	2	2.5	1.5	0.4	3871	2	15	10	N/A	2.08	N/A	N/A	N/A	0.33	N/A	LIM	> 200	250	✓	0.49	N/A	✓	✓	
6	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	10	N/A	2.08	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	LIM	LIM	N/A	✓	✓	
7	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	10	N/A	2.08	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	LIM	LIM	N/A	✓	✓	
8	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	10	N/A	2.08	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	LIM	LIM	N/A	✓	✓	
9	Socket by DB	A	C	1	2.5	1.5	0.4	3871	2	15	10	N/A	2.08	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.18	N/A	✓	✓	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB-5L2	No of phases:	1	Confirmation of supply polarity:	<input checked="" type="checkbox"/>
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	63 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
				Z _s :	0.16 Ω
				Disconnection time at In:	N/A ms
				lpf:	1.3 kA
				Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 7

Location:

Hallway

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity ✓	Maximum measured earth fault loop impedance Z _s Ω	RCD		AFDD Test button operation ✓							
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA		Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)		All circuits (one column to be completed)			Live - Live M Ω	Live - Earth M Ω			Test voltage V	Disconnection time ms		Test button operation ✓						
														r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂														
					mm ²	mm ²																										
10	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	10	N/A	2.08	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	N/A	LIM	N/A	✓	✓						
11	Outside lights	A	C	4	1.5	1.5	0.4	3871	2	15	10	N/A	2.08	N/A	N/A	N/A	1.11	N/A	LIM	> 200	250	✓	1.27	N/A	✓	✓						

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	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	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 8

Location:

Hallway

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD		
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V			✓	ms		✓	✓
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂										
1	Lights mens toilets (GF), Fire escape, Hallway	A	C	13	1.5	1.0	0.4	3871	2	5	6	N/A	6.18	N/A	N/A	N/A	0.53	N/A	> 200	LIM	250	✓	0.69	N/A	N/A	N/A			
2	Unknown/Not used	A	C	LIM	1.5	1.0	0.4	3871	2	5	6	N/A	6.18	N/A	N/A	N/A	LIM	N/A	> 200	LIM	250	LIM	LIM	N/A	N/A	N/A			
3	Oak office socket	A	C	1	2.5	1.5	0.4	3871	2	15	6	N/A	2.08	N/A	N/A	N/A	0.12	N/A	> 200	LIM	250	✓	0.29	N/A	N/A	N/A			
4	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	6	N/A	2.08	N/A	N/A	N/A	LIM	N/A	> 200	LIM	250	LIM	LIM	N/A	N/A	N/A			
5	Hallway (GF) socket and mens toilet flush	A	C	2	2.5	1.5	0.4	3871	2	15	6	N/A	2.08	N/A	N/A	N/A	0.13	N/A	> 200	LIM	250	✓	0.30	N/A	N/A	N/A			
6	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	6	N/A	2.08	N/A	N/A	N/A	LIM	N/A	> 200	LIM	250	LIM	LIM	N/A	N/A	N/A			
7	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	6	N/A	2.08	N/A	N/A	N/A	LIM	N/A	> 200	LIM	250	LIM	LIM	N/A	N/A	N/A			
8	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	6	N/A	2.08	N/A	N/A	N/A	LIM	N/A	> 200	LIM	250	LIM	LIM	N/A	N/A	N/A			
9	Socket by DB	A	C	1	2.5	1.5	0.4	3871	2	15	6	N/A	2.08	N/A	N/A	N/A	0.02	N/A	> 200	LIM	250	✓	0.19	N/A	N/A	N/A			

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB1-4L2

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

63 A

Nominal Voltage:

230 V

 Z_s:

0.16 Ω

 Ip_f:

1.3 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 8

Location:

Hallway

Circuit number and phase	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 Z _s	RCD		AFDD							
					Live	cpc		BS(EN)	Type No	Rating A	Capacity kA			Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth			Test voltage	✓		Ω	ms	✓	✓			
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂												MΩ	MΩ	V
10	Unknown/Not used	A	C	LIM	2.5	1.5	0.4	3871	2	15	6	N/A	2.08	N/A	N/A	N/A	LIM	N/A	> 200	LIM	250	LIM	LIM	N/A		N/A					N/A	N/A	N/A
11	Outside lights	A	C	4	1.5	1.0	0.4	3871	2	5	6	N/A	6.18	N/A	N/A	N/A	LIM	N/A	> 200	LIM	250	LIM	LIM	N/A	N/A	N/A	N/A						
12	DB10	A	C	1	6	2.5	5	60898	B	40	10	N/A	1.09	N/A	N/A	N/A	LIM	N/A	> 200	LIM	250	✓	LIM	N/A	N/A	N/A							

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	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	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 9

Location:

Amberley room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD				
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V			Disconnection time ms	Test button operation		Test button operation			
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂										Live - Live MΩ	Live - Earth MΩ	Test voltage V
1	Sockets 4x Amberley room	A	C	4	2.5	1.5	0.4	61009	B	32	6	30	1.37	0.28	0.28	0.45	0.45	N/A	LIM	> 200	250	✓	0.64	32	✓	N/A					
2	Sockets room 7	A	C	5	2.5	1.5	0.4	61009	B	32	6	30	1.37	0.31	0.31	0.49	0.49	N/A	LIM	> 200	250	✓	0.68	35	✓	N/A					
3	Sockets room 9 2x	A	C	2	2.5	1.0	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.22	N/A	LIM	> 200	250	✓	0.39	42	✓	N/A					
4	Arun counselling small room sockets 1x	A	C	1	2.5	1.0	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.30	N/A	LIM	> 200	250	✓	0.47	38	✓	N/A					
5	Unknown/Not used	A	C		2.5	1.0	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	38	✓	N/A					
6	Socket in Amberley room	A	C	1	2.5	1.0	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.16	N/A	LIM	> 200	250	✓	0.24	42	✓	N/A					
7	Arun counselling sockets and fan	A	C	3	2.5	1.0	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.41	N/A	LIM	> 200	250	✓	0.58	45	✓	N/A					
8	Socket by DB	A	C	1	2.5	1.0	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.19	35	✓	N/A					
9	Lights Amberley room	A	C	12	1.0	1.0	0.4	61009	B	6	6	30	7.28	N/A	N/A	N/A	0.75	N/A	LIM	> 200	250	✓	0.92	42	✓	N/A					
10	Lights hall, Arun counselling small	A	C	6	1.0	1.0	0.4	61009	B	6	6	30	7.28	N/A	N/A	N/A	0.54	N/A	LIM	> 200	250	✓	0.71	35	✓	N/A					

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB1-6L3	No of phases:	1	Confirmation of supply polarity:	<input checked="" type="checkbox"/>
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	63 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
				Z _s :	0.17 Ω
				Disconnection time at In:	N/A ms
				lpf:	1.0 kA
				Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 9

Location:

Amberley room

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD	
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA			Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	Disconnection time ms		Test button operation
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂								
					Ω	Ω	Ω	Ω	Ω																		
11	Unknown/Not used	A	C	LIM	1.0	1.0	0.4	61009	B	6	6	30	7.28	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	42	✓	N/A	
12	Lights kitchen and small hall, and room 8	A	C	8	1.0	1.0	0.4	61009	B	6	6	30	7.28	N/A	N/A	N/A	0.88	N/A	LIM	> 200	250	✓	1.06	40	✓	N/A	
13	DB10	A	C	1	6	2.5	0.4	60898	B	40	6	N/A	1.09	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.19	N/A	N/A	N/A	
14	DB12	A	C	1	6	2.5	0.4	60898	B	40	6	N/A	1.09	N/A	N/A	N/A	0.02	N/A	LIM	> 200	250	✓	0.19	N/A	N/A	N/A	

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	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	O - Other
									N/A

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 10

Location:

Tea room Ground floor

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity <input checked="" type="checkbox"/>	Maximum measured earth fault loop impedance Z_s Ω	Disconnection time ms	RCD Test button operation <input checked="" type="checkbox"/>	AFDD Test button operation <input checked="" type="checkbox"/>
					Live mm^2	cpc mm^2	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, $I_{\Delta n}$ mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live $\text{M}\Omega$	Live - Earth $\text{M}\Omega$	Test voltage V					
															r_1 (Line)	r_{Neutral}	r_2 (cpc)	R_1+R_2	R_2								
1	Sockets kitchen and socket in hall	A	C	3	2.5	1.5	0.4	61009	B	32	6	30	1.37	0.10	0.10	0.15	0.24	N/A	N/A	> 200	250	<input checked="" type="checkbox"/>	0.45	38	<input checked="" type="checkbox"/>	N/A	
2	Water heater	A	C	1	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.16	N/A	N/A	> 200	250	<input checked="" type="checkbox"/>	0.37	35	<input checked="" type="checkbox"/>	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB9-13

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

40 A

Nominal Voltage:

230 V

 Z_s :

 0.19 Ω

IpF:

1.1 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

Disconnection time at 5In:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 11

Location:

Room 11 Ground floor

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity ✓	Maximum measured earth fault loop impedance Z _s Ω	Disconnection time ms	RCD Test button operation ✓	AFDD Test button operation ✓
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V					
															r ₁ (Line)	r ₂ (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂								
					Ω	Ω	Ω	Ω	Ω																		
1	Sockets in office 24hr	A	B	3	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.24	N/A	LIM	> 200	250	✓	0.32	29	✓	N/A	
2	Sockets east wall	A	B	6	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.29	N/A	LIM	> 200	250	✓	0.30	30	✓	N/A	
3	Sockets West wall	A	B	5	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.21	N/A	LIM	> 200	250	✓	0.30	35	✓	N/A	
4	Lights	A	B	4	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.29	N/A	LIM	> 200	250	✓	0.41	N/A	N/A	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB7-1

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

40 A

Nominal Voltage:

230 V

 Z_s:

0.17 Ω

Ipf:

1.2 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 12

Location:

Room 8 Ground floor

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity <input checked="" type="checkbox"/>	Maximum measured earth fault loop impedance Z_s Ω	Disconnection time ms	RCD Test button operation <input checked="" type="checkbox"/>	AFDD Test button operation <input checked="" type="checkbox"/>
					Live mm^2	cpc mm^2	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, $I_{\Delta n}$ mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live $\text{M}\Omega$	Live - Earth $\text{M}\Omega$	Test voltage V					
															r_1 (Line)	r_{Neutral}	r_2 (cpc)	R_1+R_2	R_2								
1	Sockets	A	B	9	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.52	N/A	N/A	> 200	250	<input checked="" type="checkbox"/>	0.70	40	<input checked="" type="checkbox"/>	N/A	
2	Sockets 24hr	A	B	3	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.36	N/A	N/A	> 200	250	<input checked="" type="checkbox"/>	0.57	40	<input checked="" type="checkbox"/>	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB9-14

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

40 A

Nominal Voltage:

230 V

 Z_s :

 0.18 Ω

IpF:

1.2 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

Disconnection time at 5In:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 13

Location:

Impact east 1st Floor

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD	
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity			Operating current, I _{Δn}	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
															r ₁	r ₂	R ₁ +R	R ₂	r _n (Neutral)								
					mm ²	mm ²	s		A	kA	mA			Ω	(Line)	(cpc)			MΩ	MΩ	V			✓	Ω		ms
1	Sockets	A	B	5	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.17	N/A	LIM	> 200	500	✓	0.33	41	✓	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB30-1	No of phases:	1	Confirmation of supply polarity:	✓
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	32 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Disconnection time at In:	N/A ms
				Z _s :	0.26 Ω
				Rating:	N/A mA
				Disconnection time at 5I _n :	N/A ms
				lpf:	0.09 kA

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 14

Location:

Room 14

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD		
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA		Maximum Z _s permitted by BS7671 Ω	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	Disconnection time ms		Test button operation	Test button operation
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂									
1	Sockets 24hr	A	B	2	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.26	N/A	LIM	> 200	250	✓	0.46	45	✓	N/A		
2	Sockets North	A	B	4	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.29	N/A	LIM	> 200	250	✓	0.50	43	✓	N/A		
3	Sockets South	A	B	3	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.29	N/A	LIM	> 200	250	✓	0.45	38	✓	N/A		
4	Lights	A	B		1.0	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.40	N/A	LIM	> 200	250	✓	0.61	N/A	N/A	N/A		

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB6-7

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

32 A

Nominal Voltage:

230 V

 Z_s:

0.23 Ω

 Ip_f:

0.09 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 15

Location:

Room 15

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I _{Δn}			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	
															r ₁ (Line)	r ₂ (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂								
1	Sockets South	A	B	2	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.25	N/A	N/V	> 200	250	✓	0.46	42	✓	N/A	
2	Sockets North	A	B	3	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.27	N/A	N/V	> 200	250	✓	0.40	32	✓	N/A	
3	Sockets 24hr	A	B	1	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.15	N/A	N/V	> 200	250	✓	0.36	36	✓	N/A	
4	Lights	A	B	4	1.5	1.0	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.39	N/A	N/V	> 200	250	✓	0.58	N/A	N/A	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB6-8

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

32 A

Nominal Voltage:

230 V

 Z_s:

0.19 Ω

 Ip_f:

0.09 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 16

Location:

Room 16

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD	AFDD		
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA		Maximum Zs permitted by BS7671 Ω	Ring final circuits only (measured end to end)			All 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}	R ₂								
																											ms
1	Sockets 24hr	A	B	1	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.07	N/A	LIM	> 200	250	✓	0.33	36	✓	N/A	
2	Sockets West wall	A	B	2	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.15	N/A	LIM	> 200	259	✓	0.41	32	✓	N/A	
3	Sockets East wall	A	B	3	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.27	N/A	LIM	> 200	250	✓	0.43	36	✓	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB30-2

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

40 A

Nominal Voltage:

230 V

Zs:

0.26 Ω

Ip:

0.09 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

Disconnection time at 5In:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 17

Location:

Room 17

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD	AFDD		
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA		Maximum Z _s permitted by BS7671 Ω	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ					Test voltage V	
															r ₁ (Line)	r ₂ (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂								
1	Sockets 24hr	A	B	1	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.05	N/A	LIM	> 200	250	✓	0.34	45	✓	N/A	
2	Sockets East wall	A	B	3	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.14	N/A	LIM	> 200	250	✓	0.44	45	✓	N/A	
3	Sockets West wall	A	B	2	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.12	N/A	LIM	> 200	250	✓	0.41	45	✓	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB30-3	No of phases:	1	Confirmation of supply polarity:	<input checked="" type="checkbox"/>
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	45 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
		Z _s :	0.27 Ω	Disconnection time at In:	N/A ms
		lpf:	0.9 kA	Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

 Name: **Robert Kilhams** Position: **Owner** Signature:  Date: **14/05/2019**

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 18

Location:

Room 18

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity ✓	Maximum measured earth fault loop impedance Z _s Ω	RCD Disconnection time ms	AFDD Test button operation ✓			
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA		Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All 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	R ₂									
1	Sockets	A	B	5	2.5	1.5	0.4	61009	C	20	6	30	1.09	N/A	N/A	N/A	0.28	N/A	LIM	> 200	259	✓	0.40	41	✓	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB30-5	No of phases:	1	Confirmation of supply polarity:	✓
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	32 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
				Z _s :	0.27 Ω
				Disconnection time at In:	N/A ms
				Disconnection time at 5I _n :	N/A ms
				lpf:	0.9 kA

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 19

Location:

Room 19

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Zs permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	Disconnection time	RCD	AFDD
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I _{Δn}			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage					
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂								
					mm ²	mm ²	s	A	kA	mA	Ω	Ω			Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω					
1	Sockets East wall	A	B	4	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.39	N/A	LIM	> 200	250	✓	0.66	42	✓	N/A	
2	Sockets West wall	A	B	4	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.34	N/A	LIM	> 200	250	✓	0.61	42	✓	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB30-6	No of phases:	1	Confirmation of supply polarity:	✓
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	32 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
		Zs:	0.27 Ω	lpf:	0.9 kA
		Disconnection time at In:	N/A ms	Disconnection time at 5In:	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 20

Location:

Mikes office

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD	
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating A	Capacity kA			Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth			Test voltage V	Disconnection time ms		Test button operation
															r ₁ (Line)	r ₂ (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂								
1	Sockets in office 24hr	A	C	4	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.17	N/A	LIM	> 200	250	✓	0.27	30	✓	N/A	
2	Sockets office	A	C	5	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.28	N/A	LIM	> 200	250	✓	0.43	31	✓	N/A	
3	Lights Office	A	C	1	1.0	1.0	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.25	N/A	LIM	> 200	250	✓	0.42	28	✓	N/A	
4	Telephone system	A	C	1	2.5	1.5	0.4	60898	B	16	6	N/A	2.73	N/A	N/A	N/A	0.16	N/A	LIM	> 200	259	✓	0.30	N/A	N/A	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB1-5L1

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type C

Rating:

40 A

Nominal Voltage:

230 V

 Z_s:

Ω

Ipf:

kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

 Disconnection time at I_n:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 21

Location:

Room 21

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD			
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity			Operating current, I _{Δn}	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		
															r ₁	r ₂	R ₁ +R ₂	R ₂	r _n (Neutral)									r _c (cpc)	MΩ
					mm ²	mm ²	s		A	kA	mA			Ω	(Line)	(Neutral)	(cpc)		MΩ	MΩ	V			✓	Ω		ms	✓	✓
1	Sockets 24hr	A	B	1	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.19	N/A	LIM	> 200	250	✓	0.45	38	✓	N/A			
2	Sockets	A	B	6	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.28	N/A	LIM	> 200	250	✓	0.48	39	✓	N/A			

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:		DB30-4	No of phases:	1	Confirmation of supply polarity:		<input checked="" type="checkbox"/>			
Overcurrent protective device for the distribution circuit:	BS(EN):	60898 MCB - Type B	Rating:	32 A	Nominal Voltage:	230 V	Z _s :	0.26 Ω	lpf:	0.9 kA
RCD	BS(EN):	N/A	No of poles:	N/A	Rating:	N/A mA	Disconnection time at In:	N/A ms	Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):			
Multi-functional:	09K-0176	Insulation resistance:	
Earth electrode resistance:		Earth fault loop impedance:	
		Continuity:	
		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 22

Location:

Room 22

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD			
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I _{Δn}			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			✓	Ω		ms	✓	✓
															r ₁	r _{Neutral}	r ₂	R ₁ +R	R ₂											
					mm ²	mm ²	s	A	kA	mA	Ω	(Line)			(Neutral)	(cpc)														
1	Sockets	A	B	5	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.15	N/A	LIM	> 200	259	✓	0.24	45	✓	N/A				

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB6-9	No of phases:	1	Confirmation of supply polarity:	✓
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	32 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
		Z _s :	0.19 Ω	lpf:	1.0 kA
		Disconnection time at In:	N/A ms	Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 23

Location:

Room 13

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity <input checked="" type="checkbox"/>	Maximum measured earth fault loop impedance Z_s Ω	RCD Disconnection time ms	AFDD Test button operation <input checked="" type="checkbox"/>		
					Live mm^2	cpc mm^2	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA			Operating current, $I_{\Delta n}$ mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live $\text{M}\Omega$	Live - Earth $\text{M}\Omega$					Test voltage V	
															r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2								
1	Sockets South	A	B	5	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.41	N/A	LIM	> 200	250	<input checked="" type="checkbox"/>	0.64	35	<input checked="" type="checkbox"/>	N/A	
2	Sockets North	A	B	6	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.47	N/A	LIM	> 200	250	<input checked="" type="checkbox"/>	0.70	39	<input checked="" type="checkbox"/>	N/A	
3	Sockets 24hr	A	B	2	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.45	N/A	LIM	> 200	250	<input checked="" type="checkbox"/>	0.67	31	<input checked="" type="checkbox"/>	N/A	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB6-3

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

40 A

Nominal Voltage:

230 V
 Z_s :

0.23 Ω

IpF:

0.09 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

Disconnection time at 5In:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 24

Location:

Room 14

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD					
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V			✓	Ω		ms	✓	✓		
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂												R ₁	R ₂
1	Sockets 24hr	A	B	2	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.26	N/A	LIM	> 200	250	✓	0.49	38	✓	N/A						
2	Sockets South	A	B	6	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.40	N/A	LIM	> 200	250	✓	0.63	37	✓	N/A						
3	Sockets West wall	A	B	5	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.36	N/A	LIM	> 200	250	✓	0.59	38	✓	N/A						
4	Lights	A	B	6	1.0	1.0	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.77	N/A	LIM	> 200	250	✓	1.10	42	✓	N/A						
5	Comms Power	A	B	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.73	N/A	N/A	N/A	0.19	N/A	LIM	> 200	250	✓	0.42	N/A	N/A	N/A						

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION


Supply to this distribution board is from:	DB6-10	No of phases:	1	Confirmation of supply polarity:	<input checked="" type="checkbox"/>
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	32 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
		Z _s :	0.23 Ω	lpf:	0.9 kA
		Disconnection time at In:	N/A ms	Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 25

Location:

Room 26

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD	
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I _{Δn}			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		
															r ₁	r ₂	R ₁ +R	R ₂	r ₁									r ₂
					mm ²	mm ²	s	A	kA	mA	Ω	(Line)			(Neutral)	(cpc)	MΩ	MΩ	V	✓	Ω	ms			✓	✓		
1	Sockets 24hr	A	B	2	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.23	N/A	LIM	> 200	250	✓	0.43	45	✓	N/A		
2	Sockets North	A	B	5	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.41	N/A	LIM	> 200	250	✓	0.61	42	✓	N/A		
3	Sockets South	A	B	6	2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A	0.49	N/A	LIM	> 200	250	✓	0.69	42	✓	N/A		
4	Lights	A	B	2	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.31	N/A	LIM	> 200	250	✓	0.51	N/A	N/A	N/A		

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB27-4	No of phases:	1	Confirmation of supply polarity:	✓
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	40 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
		Z _s :	0.20 Ω	lpf:	1.0 kA
		Disconnection time at In:	N/A ms	Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 26

Location:

Room 27

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity ✓	Maximum measured earth fault loop impedance Z _s Ω	RCD		AFDD			
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA		Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	Disconnection time ms		Test button operation ✓	Test button operation ✓	
														r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂										
1	Sockets North	A	B		2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A			LIM	> 200	250	✓		44	✓	N/A		
2	Sockets South	A	B		2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A			LIM	> 200	250	✓		37	✓	N/A		
3	Sockets 24hr	A	B		2.5	1.5	0.4	61009	B	16	6	30	2.73	N/A	N/A	N/A			LIM	> 200	250	✓		42	✓	N/A		
4	Lights	A	B		1.5	1.0	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A			LIM	> 200	250	✓		N/A	N/A	N/A		

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	DB27-4	No of phases:	1	Confirmation of supply polarity:	✓
Overcurrent protective device for the distribution circuit:	BS(EN): 60898 MCB - Type B	Rating:	40 A	Nominal Voltage:	230 V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
		Z _s :	0.34 Ω	lpf:	0.8 kA
		Disconnection time at In:	N/A ms	Disconnection time at 5I _n :	N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	09K-0176	Insulation resistance:		Continuity:	
Earth electrode resistance:		Earth fault loop impedance:		RCD:	

TESTED BY

Name:	Robert Kilhams	Position:	Owner	Signature:		Date:	14/05/2019
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 27

Location:

Hallway 3rd floor

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity ✓	Maximum measured earth fault loop impedance Z _s Ω	RCD		AFDD				
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V			Disconnection time ms	Test button operation ✓					
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂												
					Ω	Ω	Ω	Ω	Ω																						
1	Sockets	A	C	5	2.5	1.5	0.4	61009	B	32	6	30	1.37	0.50	0.50	0.71	0.27	N/A	LIM	> 200	250	✓	0.62	45	✓	N/A					
2	Lights	A	C	2	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.33	N/A	LIM	> 200	250	✓	0.68	N/A	N/A	N/A					
3	Lights	A	C	2	1.5	1.0	0.4	60898	B	6	6	N/A	7.28	N/A	N/A	N/A	0.15	N/A	LIM	> 200	250	✓	0.50	N/A	N/A	N/A					
4	DB26	A	C	1	10	4	5	60898	B	40	6	N/A	1.09	N/A	N/A	N/A	0.01	N/A	LIM	> 200	250	✓	0.36	N/A	N/A	N/A					
5	Stairlift	A	C	1	2.5	1.5	0.4	60898	B	16	6	N/A	2.73	N/A	N/A	N/A	0.20	N/A	LIM	> 200	250	✓	0.55	N/A	N/A	N/A					
6	DB25	A	C	1	10	4	5	60898	B	40	6	N/A	1.09	N/A	N/A	N/A	0.01	N/A	LIM	> 200	250	✓	0.36	N/A	N/A	N/A					
7		A	C		10	4	5	60898	B	40	6	N/A	1.09	N/A	N/A	N/A			LIM	> 200	250	✓		N/A	N/A	N/A					
8	Comms Cabinet sockets	A	C	2	2.5	1.5	0.4	60898	B	16	6	N/A	2.73	N/A	N/A	N/A	LIM	N/A	LIM	> 200	250	✓	LIM	N/A	N/A	N/A					
9	Room 25 sockets	A	C	4	2.5	1.5	0.4	61009	B	20	6	30	2.19	N/A	N/A	N/A	0.30	N/A	LIM	> 200	250	✓	0.65	38	✓	N/A					

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

63 A

Nominal Voltage:

230 V

 Z_s:

0.35 Ω

 Ip_f:

0.8 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 30

Location:

Hallway 1st floor

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s Ω	RCD		AFDD			
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA			Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	✓		ms	✓	✓
															r ₁ (Line)	r ₂ (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂										
1	DB13	A	C	1	10	4	0.4	60898	B	32	6	N/A	1.37	N/A	N/A	N/A	0.03	N/A	LIM	> 200	250	✓	0.26	N/A	N/A	N/A			
2	DB16	A	C	1	10	4	0.4	60898	B	40	6	N/A	1.09	N/A	N/A	N/A	0.03	N/A	LIM	> 200	250	✓	0.26	N/A	N/A	N/A			
3	DB17	A	C	1	10	4	0.4	60898	B	45	6	N/A	0.98	N/A	N/A	N/A	0.04	N/A	LIM	> 200	250	✓	0.27	N/A	N/A	N/A			
4	DB21	A	C	1	10	4	0.4	60898	B	32	6	N/A	1.37	N/A	N/A	N/A	0.03	N/A	LIM	> 200	250	✓	0.26	N/A	N/A	N/A			
5	DB18	A	C	1	10	4	0.4	60898	B	32	6	N/A	1.37	N/A	N/A	N/A	0.04	N/A	LIM	> 200	250	✓	0.27	N/A	N/A	N/A			
6	DB19	A	C	1	10	4	0.4	60898	B	32	6	N/A	1.37	N/A	N/A	N/A	0.04	N/A	LIM	> 200	250	✓	0.27	N/A	N/A	N/A			

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

No of phases:

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

Rating:

Nominal Voltage:

 Z_s:

0.19 Ω

 Ip_f:

1.1 kA

RCD

BS(EN):

No of poles:

1

Rating:

N/A mA

Disconnection time at In:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

14/05/2019

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. 28

Location:

Room 10 (GF)

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD		
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA		Maximum Z _s permitted by BS7671 Ω	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	Disconnection time ms		Test button operation	Test button operation
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R	R ₂									
1	Sockets East wall	A	B	5	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.20	N/A	LIM	> 200	250	✓	0.50	31	✓	N/A		
2	Sockets West wall	A	B	5	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.19	N/A	LIM	> 200	250	✓	0.41	42	✓	N/A		
3	Sockets 24hr	A	B	2	2.5	1.5	0.4	61009	C	16	6	30	1.37	N/A	N/A	N/A	0.25	N/A	LIM	> 200	250	✓	0.49	40	✓	N/A		
4	Lights	A	B	2	1.5	1.0	0.4	60898	B	16	10	N/A	2.73	N/A	N/A	N/A	0.33	N/A	LIM	> 200	250	✓	0.56	N/A	N/A	N/A		

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:

DB8-12

No of phases:

1

Confirmation of supply polarity:

Overcurrent protective device for the distribution circuit:

BS(EN):

60898 MCB - Type B

Rating:

40 A

Nominal Voltage:

230 V

 Z_s:

0.19 Ω

 Ip_f:

1.2 kA

RCD

BS(EN):

N/A

No of poles:

N/A

Rating:

N/A mA

Disconnection time at In:

N/A ms

 Disconnection time at 5I_n:

N/A ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:

09K-0176

Insulation resistance:

Continuity:

Earth electrode resistance:

Earth fault loop impedance:

RCD:

TESTED BY

Name:

Robert Kilhams

Position:

Owner

Signature:



Date:

16/05/2019

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 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.