

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with British Standard BS 7671 - Requirements for Electrical Installations

Certificate Reference:

ES-B72010SWR01

1 DETAILS OF THE CLIENT

Client: LONDON BOROUGH OF CAMDEN

Address: UNDER DUTY OF CARE FOR LAKEHOUSE, 33-34 JAMES TOWN ROAD, LONDON, NW1 7DB

2 PURPOSE OF THE REPORT

Purpose for which this report is required:

PERIODIC INSPECTION AND RECTIFICATION OF C1 AND C2 DEFECTS (WITHIN REASON)

3 DETAILS OF THE INSTALLATION

Installation Address: 194 GOLDHURST TERRACE, LONDON, INTAKE: B72010SWR01, NW6 3HN

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

Estimated age of electrical installation: 20+ years Evidence of alteration or additions: YES if yes, estimated age: 2 years

Date of previous inspection: 03/08/2009

Records of installation available: N/A Electrical Installation Certificate No or previous Periodic Inspection Report No: N/A

4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

SAFETY INSPECTION TO MAIN INTAKE

INSPECTION OF LANDLORDS SERVICES TO ACCESSIBLE AREAS

Agreed and operational limitations of the inspection and testing (include reasons and person agreed with):

APPLIANCES.

SPECIALIST EQUIPMENT, IE ALARMS, HEATING, VENTILATION, DOOR ENTRY, LIFT AND BOILER EQUIPMENT.

NO TESTING TO INACCESSIBLE CIRCUITS, NO TESTING TO UNIDENTIFIED CIRCUITS.

NO INSULATION TESTING ON TENANTS SUBMAINS. NO INSULATION TESTING BETWEEN LIVE AND NEUTRAL CONDUCTORS.


LIMITATIONS AGREED WITH LONDON BOROUGH OF CAMDEN

The inspection has been carried out in accordance with BS 7671:2008, as amended to 2011. 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.

5 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 on page 1 (see section 2), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 7) and the attached schedules (see section 17), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4).

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name: T SLATTER Position: Electrician Signature:  Date: 04/05/2015

Report reviewed and authorised for issue by:

Name: I DICK Position: Qualified Supervisor Signature:  Date: 07/05/2015

6 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*:

SATISFACTORY

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

8 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 'Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

FAIR

9 NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Years

(Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 7 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 7).

10 DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title:	EVANS & SHEA		
Address:	37 COLLIER ROW LANE ROMFORD ESSEX	Registration Number:	002176000
	Postcode: RM5 3BD	Telephone Number:	01708 741055

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)	Number and Type of Live Conductors				Nature of Supply Parameters			Characteristics of Primary Supply Overcurrent Protective Device(s)	
TN-S	N/A	ac: <input checked="" type="checkbox"/>	dc: N/A	N/A	Nominal voltage(s): U: 400 V Uo: 230 V			BS(EN):	UNKNOWN
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:	UNK	
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:	1.7 kA	Rated current:	UNK	A
TT	N/A	3-phase (3 wire): N/A	Other: N/A	Other: N/A	External earth fault loop impedance, Ze:	0.14 Ω	Short-circuit capacity:	UNK	kA
IT	N/A	Confirmation of supply polarity: <input checked="" type="checkbox"/>			Number of supplies:	1			

12 PARTICULARS OF INSTALLATION AT THE ORIGIN

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	Electrode resistance, RA:	N/A Ω	Method of measurement:	N/A
Maximum Demand (Load):	N/A	Protective measure(s) against electric shock:		ADS	
Type BS(EN):	UNK	Earthing and Protective Bonding Conductors			
Number of poles:	3	Earthing conductor		Continuity & connection verified: <input checked="" type="checkbox"/>	
Supply conductors material:	Copper	Conductor material:	Copper	Conductor csa:	25 mm ²
Supply conductors csa:	25 mm ²	Main protective bonding conductors		Continuity & connection verified: N/A	
		Conductor material:	N/A	Conductor csa:	N/A mm ²
		Bonding of extraneous-conductive parts			
		Water service:	N/A	Gas service:	N/A
		Oil service:	N/A	Lightning protection:	N/A
		Structural Steel:	N/A	Other incoming service(s):	N/A

13 INSPECTION SCHEDULE

Item No	Description	Comment	Outcome	Further Investigation Required							
1.0 CONDITION/ADEQUACY OF DISTRIBUTOR'S/SUPPLY INTAKE EQUIPMENT											
1.1	Service cable	N/A	Pass	No							
1.2	Service cut-out/fuse(s)	N/A	Pass	No							
1.3	Meter tails - Distributor	N/A	Pass	No							
1.4	Meter tails - Consumer	N/A	Pass	No							
1.5	Metering equipment	N/A	Pass	No							
1.6	Means of main isolation (where present)	N/A	Pass	No							
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES (551.6; 551.7)	N/A	N/A	No							
3.0 AUTOMATIC DISCONNECTION OF SUPPLY											
3.1 Main earthing and bonding arrangements (411.3; Chapter 54)											
3.1.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	N/A	Pass	No							
3.1.2	Presence and condition of earth electrode arrangement (542.1.2.3)	N/A	N/A	No							
3.1.3	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	Pass	No							
3.1.4	Adequacy of earthing conductor connections (542.3.2)	N/A	Pass	No							
3.1.5	Accessibility of earthing conductor connections (543.3.2)	N/A	Pass	No							
3.1.6	Adequacy of main protective bonding conductor size(s) (544.1)	N/A	Pass	No							
3.1.7	Adequacy of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	Pass	No							
3.1.8	Accessibility of main protective bonding connections (543.3.2)	N/A	Pass	No							
3.1.9	Provision of earthing/bonding labels at all appropriate locations (514.11)	N/A	Pass	No							
3.2 FELV											
3.2.1	Source providing at least simple separation	N/A	N/A	No							
3.2.2	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	N/A	No							
3.3 Reduced low voltage											
3.3.1	Adequacy of source	N/A	N/A	No							
3.3.2	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	N/A	No							
4.0 OTHER METHODS OF PROTECTION (where the methods of protection listed below are employed, details should be provided on separate sheets)											
4.1	Double insulation (Section 412)	N/A	N/A	No							
4.2	Reinforced insulation (Section 412)	N/A	N/A	No							
4.3	Use of obstacles (417.2)	N/A	N/A	No							
4.4	Placing out of reach (417.3)	N/A	N/A	No							
4.5	Non-conducting location (418.1)	N/A	N/A	No							
4.6	Earth-free local equipotential bonding (418.2)	N/A	N/A	No							
4.7	Electrical separation for more than one item of equipment (Section 413; 418.3)	N/A	N/A	No							
5.0 DISTRIBUTION EQUIPMENT											
5.1	Adequacy of working space/accessibility of equipment (132.12; 513.1)	N/A	Pass	No							
5.2	Security of fixing (134.1.1)	N/A	Pass	No							
5.3	Condition of insulation of live parts (416.1)	N/A	Pass	No							
5.4	Adequacy/security of barriers (416.2)	N/A	Pass	No							
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	Pass	No							
OUTCOMES											
Acceptable condition	PASS	Unacceptable condition	C1 or C2	Improvement recommended	C3	Not verified	N/V	Limitation	LIM	Not applicable	N/A

14 INSPECTION SCHEDULE

Item No	Description	Comment	Outcome	Further Investigation Required							
5.0 DISTRIBUTION EQUIPMENT (CONTINUED)											
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 526.5)	N/A	Pass	No							
5.7	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))	N/A	Pass	No							
5.8	Presence of main switch(es), linked where required (537.1.2; 537.1.4)	N/A	Pass	No							
5.9	Operation of main switch(es) (functional check) (612.13.2)	N/A	Pass	No							
5.10	Correct identification of circuit protective devices	N/A	Pass	No							
5.11	Adequacy of protective devices for prospective fault current	N/A	Pass	No							
5.12	RCD(s) provided for fault protection - includes RCBOs (414.4.9; 411.5.2; 531.2)	N/A	Pass	No							
5.13	RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1)	N/A	N/A	No							
5.14	RCD(s) provided for protection against fire - includes RCBOs	N/A	N/A	No							
5.15	Manual operation of circuit-breakers and RCDs to prove disconnection (612.13.2)	N/A	Pass	No							
5.16	Presence of RCD retest notice at or near equipment where required (514.12.2)	N/A	Pass	No							
5.17	Presence of diagrams, charts or schedules at or near equipment where required (514.9.1)	N/A	Pass	No							
5.18	Presence of non-standard (mixed) cable colour warning notice at or near equipment where required (514.14)	N/A	N/A	No							
5.19	Presence of alternative supply arrangement warning notice(s) at or near equipment where required (514.15)	N/A	N/A	No							
5.20	Presence of replacement next inspection recommendation label (514.12.1)	N/A	N/A	No							
5.21	Presence of other required labelling (please specify) (Section 514)	N/A	N/A	No							
5.22	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3)	N/A	Pass	No							
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11)	N/A	Pass	No							
5.24	Protection against electromagnetic effects where cables enter metallic enclosures (521.5.1)	N/A	Pass	No							
6.0 DISTRIBUTION/FINAL CIRCUITS											
6.1	Identification of conductors (514.3.1)	N/A	Pass	No							
6.2	Cables correctly supported throughout their length (522.8.5)	N/A	Pass	No							
6.3	Condition of insulation of live parts (416.1)	N/A	Pass	No							
6.4	Non-sheathed cables protected by enclosure in conduit, duct or trunking (521.10.1)	N/A	Pass	No							
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	Pass	No							
6.6	Cables correctly terminated in enclosures (indicate extent of sampling in Section 4 of report) (Section 526)	N/A	Pass	No							
6.7	Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration (421.1; 522.6)	N/A	Pass	No							
6.8	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation (Section 523)	N/A	Pass	No							
6.9	Adequacy of protective devices; type and rated current for fault protection (411.3)	N/A	Pass	No							
6.10	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass	No							
6.11	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass	No							
OUTCOMES											
Acceptable condition	PASS	Unacceptable condition	C1 or C2	Improvement recommended	C3	Not verified	N/V	Limitation	LIM	Not applicable	N/A

15 INSPECTION SCHEDULE

Item No	Description	Comment	Outcome	Further Investigation Required							
6.0 DISTRIBUTION/FINAL CIRCUITS (CONTINUED)											
6.12	Cable installation methods/practices appropriate to the type and nature of installation and external influences (Section 522)	N/A	Pass	No							
6.13	Cables where exposed to direct sunlight, of a suitable type (522.11.1)	N/A	N/A	No							
6.14	Concealed cables installed in prescribed zones (see extent and limitations) (522.6.101)	N/A	N/A	No							
6.15	Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage caused by nails, screws and the like where not in prescribed zones or not protected by 30 mA RCD (see extent and limitations) (522.6.101; 522.6.103)	N/A	N/A	No							
6.16	Provision of additional protection by 30 mA RCD for cables concealed in walls or partitions (522.6.102; 522.6.103)	N/A	N/A	No							
6.17 - Provision of additional protection by 30 mA RCD											
6.17.1	Where reasonably likely to be used to supply mobile equipment for use outdoors (411.3.3)	N/A	Pass	No							
6.17.2	For all socket-outlets of rating 20 A or less provided for use by ordinary persons (411.3.3)	N/A	Pass	No							
6.18	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	Pass	No							
6.19	Band II cables segregated/separated from Band I cables (528.1)	N/A	N/A	No							
6.20	Cables segregated/separated from non-electrical services (528.3)	N/A	N/A	No							
6.21 - Termination of cables at enclosures(identify numbers and locations of items inspected in Section 4) (Section 526)											
6.21.1	Connections under no undue strain (526.6)	N/A	Pass	No							
6.21.2	No basic insulation of a conductor visible outside an enclosure (526.8)	N/A	Pass	No							
6.21.3	Connections of live conductors adequately enclosed (526.5)	N/A	Pass	No							
6.21.4	Adequacy of connection at point of entry to enclosure (gland, bush or similar) (522.8.5)	N/A	Pass	No							
6.22	General condition of wiring systems (621.2(ii))	N/A	Pass	No							
6.23	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	Pass	No							
6.24	Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii))	N/A	Pass	No							
6.25	Suitability of accessories for external influences (512.2)	N/A	Pass	No							
7.0 ISOLATION AND SWITCHING											
7.1 Isolators (537.2)											
7.1.1	Presence and condition of appropriate devices (537.2.2)	N/A	Pass	No							
7.1.2	Acceptable location - state if local or remote from equipment in question (537.2.1.5)	N/A	Pass	No							
7.1.3	Capable of being secured in the OFF position (537.2.1.2)	N/A	Pass	No							
7.1.4	Correct operation verified (612.13.2)	N/A	Pass	No							
7.1.5	Clearly identified by position and/or durable marking(s) (537.2.2.6)	N/A	Pass	No							
7.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3)	N/A	Pass	No							
7.2 Switching off for mechanical maintenance (537.3)											
7.2.1	Presence and condition of appropriate devices (537.3.1.1)	N/A	N/A	No							
7.2.2	Acceptable location - state if local or remote from equipment in question (537.3.2.4)	N/A	N/A	No							
OUTCOMES											
Acceptable condition	PASS	Unacceptable condition	C1 or C2	Improvement recommended	C3	Not verified	N/V	Limitation	LIM	Not applicable	N/A

16 INSPECTION SCHEDULE

Item No	Description	Comment	Outcome	Further Investigation Required							
7.0 ISOLATION AND SWITCHING (CONTINUED)											
7.2.3	Capable of being secured in the OFF position (537.3.2.3)	N/A	N/A	No							
7.2.4	Correct operation verified (612.13.2)	N/A	N/A	No							
7.2.5	Clearly identified by position and/or durable marking(s) (537.3.2.4)	N/A	N/V	No							
7.3 Emergency switching/stopping (537.4)											
7.3.1	Presence and condition of appropriate devices (537.4.1.1)	N/A	N/A	No							
7.3.2	Readily accessible for operation where danger might occur (537.4.2.5)	N/A	N/A	No							
7.3.3	Correct operation verified (537.4.2.6)	N/A	N/A	No							
7.3.4	Clearly identified by position and/or durable marking(s) (537.4.2.7)	N/A	N/A	No							
7.4 Functional switching (537.5)											
7.4.1	Presence and condition of appropriate devices (537.5.1.1)	N/A	N/A	No							
7.4.2	Correct operation verified (537.5.1.3; 537.5.2.2)	N/A	N/A	No							
8.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)											
8.1	Condition of equipment in terms of IP rating etc (416.2)	N/A	Pass	No							
8.2	Equipment does not constitute a fire hazard (Section 421)	N/A	Pass	No							
8.3	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))	N/A	Pass	No							
8.4	Suitability for the environment and external influences (512.2)	N/A	Pass	No							
8.5	Security of fixing (134.1.1)	N/A	Pass	No							
8.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (indicate extent of sampling in Section 4 of report)	N/A	Pass	No							
8.7 Recessed luminaires (e.g. downlighters)											
8.7.1	Correct type of lamps fitted	N/A	N/A	No							
8.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.1)	N/A	N/A	No							
8.7.3	No signs of overheating to surrounding building fabric (559.5.1)	N/A	N/A	No							
8.7.4	No signs of overheating to conductors/terminations (526.1)	N/A	N/A	No							
9.0 LOCATION(S) CONTAINING A BATH OR SHOWER											
9.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)	N/A	N/A	No							
9.2	Where used as a protective measure, requirements for SELV or PELV are met (701.414.4.5)	N/A	N/A	No							
9.3	Shaver sockets comply with BS EN 61558-2-5 or BS 3535 (701.512.3)	N/A	N/A	No							
9.4	Presence of supplementary bonding conductors unless not required by BS 7671:2008 (701.415.2)	N/A	N/A	No							
9.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1 (701.512.3)	N/A	N/A	No							
9.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	N/A	No							
9.7	Suitability of equipment for installation in a particular zone (701.512.3)	N/A	N/A	No							
9.8	Suitability of current-using equipment for a particular position within the location (701.55)	N/A	N/A	No							
10.0 OTHER SPECIAL INSTALLATIONS OR LOCATIONS											
List all other special installation or locations present, if any. (Record separately the results of particular inspections applied.)											
10.1	N/A	N/A	N/A	No							
10.2	N/A	N/A	N/A	No							
OUTCOMES											
Acceptable condition	PASS	Unacceptable condition	C1 or C2	Improvement recommended	C3	Not verified	N/V	Limitation	LIM	Not applicable	N/A

CIRCUIT DETAILS

Distribution board designation:

LIGHTING & POWER DB

Location:

GROUND FLOOR HALLWAY

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm ²	cpc mm ²	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs Ω permitted by BS7671
1	UTILITY ROOM WASHING MACHINE	A	A	1	6	2.5	0.4	60898	B	32	10	N/A	1.44
2	SOCKETS UTILITY ROOM + CALL SYSTEM	A	A/B	4	2.5	1.5	0.4	60898	B	20	10	30	2.30
3	OFFICE + KITCHEN SOCKETS	A	A/B	5	2.5	1.5	0.4	60898	B	20	10	30	2.30
4	KITCHEN RING MAIN	A	A	13	2.5	1.5	0.4	60898	B	32	10	30	1.44
5	1ST FLOOR RING MAIN	A	A	11	2.5	1.5	0.4	60898	B	32	10	N/A	1.44
6	WATER HEATER 1ST FLR CUPBOARD	A	A	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.87
7	RING MAIN LANDING/BEDROOM	A	A	5	2.5	1.0	0.4	61009	B	32	6	30	1.44
8	COOKER NO.1	A	A	1	6	2.5	0.4	61009	B	32	6	30	1.44
9	BELL TRANSFORMER	A	A	1	1.0	1.0	0.4	60898	B	6	10	N/A	7.67
10	LIGHTS HALL/UTILITY	A	A/B	5	1.5	1.0	0.4	60898	B	6	10	N/A	7.67
11	LIGHT OFFICE WC + KITCHEN	A	A	5	1.5	1.0	0.4	60898	B	6	10	N/A	7.67
12	LIGHTS BED/HALL/EMG	A	A/B	13	1.5	1.0	0.4	61009	B	6	6	30	7.67
13	LIGHTS 1ST FLR BED/BATHROOM	A	A	6	1.5	1.0	0.4	60898	B	6	10	N/A	7.67
14	LIGHTS 1ST FLR BED/SHOWER/STAIRS	A	A	9	1.5	1.0	0.4	60898	B	6	10	N/A	7.67
15	FIRE ALARM SPUR	A	B	1	1.5	1.0	0.4	60898	B	6	10	N/A	7.67
16	O/S PIR LIGHTS RHS	O	C	3	2.5	2.5	0.4	61009	B	10	6	30	4.60
17	COOKER NO.2	A	A	1	6	2.5	0.4	61009	B	32	6	30	1.44
18	O/S PIR LIGHTS ENTRANCE/LHS	O	C	4	2.5	2.5	0.4	61009	B	10	6	30	4.60

 Type of Wiring O-Other: **FP200**

BOARD CHARACTERISTICS

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

Supply to this distribution board is from:	LIGHTING & POWER SWITCHFUSE		No of phases:	1	
Overcurrent protective device for the distribution circuit:	BS(EN):	3036 Fuse (Semi-Enclosed)	Rating:	60 A	Nominal Voltage: 230 V
RCD	BS(EN):	N/A	No of poles:	N/A	
Confirmation of supply polarity	<input checked="" type="checkbox"/>	Zs: 0.17 Ω	lpf: 1.4 kA	RCD operating times	At In: N/A ms
				At 5In:	N/A ms

TEST RESULTS

Distribution board designation:

LIGHTING & POWER DB

Location:

GROUND FLOOR HALLWAY

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity	Maximum measured earth fault loop impedance Zs <small>Ω</small>	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1	N/A	N/A	N/A	0.28	N/A	N/A	LIM	> 200	> 200	✓	0.45	N/A	N/A	N/A
2	N/A	N/A	N/A	1.00	N/A	N/A	LIM	> 200	> 200	✓	1.17	51	17	✓
3	N/A	N/A	N/A	0.47	N/A	N/A	LIM	> 200	> 200	✓	0.53	61	17	✓
4	0.92	0.54	0.78	0.46	N/A	N/A	LIM	> 200	> 200	✓	0.52	85	27	✓
5	0.90	0.84	1.47	0.54	N/A	N/A	LIM	> 200	> 200	✓	0.71	N/A	N/A	N/A
6	N/A	N/A	N/A	0.13	N/A	N/A	LIM	> 200	> 200	✓	0.30	N/A	N/A	N/A
7	0.46	0.44	0.83	0.30	N/A	N/A	LIM	> 200	> 200	✓	0.47	62	17	✓
8	N/A	N/A	N/A	0.15	N/A	N/A	LIM	> 200	> 200	✓	0.32	71	28	✓
9	N/A	N/A	N/A	0.11	N/A	N/A	LIM	> 200	> 200	✓	0.28	N/A	N/A	N/A
10	N/A	N/A	N/A	0.90	N/A	N/A	LIM	55	55	✓	1.03	N/A	N/A	N/A
11	N/A	N/A	N/A	0.62	N/A	N/A	LIM	7	7	✓	0.79	N/A	N/A	N/A
12	N/A	N/A	N/A	1.62	N/A	N/A	LIM	25	25	✓	1.79	59	28	✓
13	N/A	N/A	N/A	1.31	N/A	N/A	LIM	> 200	> 200	✓	1.48	N/A	N/A	N/A
14	N/A	N/A	N/A	0.74	N/A	N/A	LIM	> 200	> 200	✓	0.91	N/A	N/A	N/A
15	N/A	N/A	N/A	0.07	N/A	N/A	LIM	> 200	> 200	✓	0.24	N/A	N/A	N/A
16	N/A	N/A	N/A	0.35	N/A	N/A	LIM	> 200	> 200	✓	0.52	61	10	✓
17	N/A	N/A	N/A	0.25	N/A	N/A	LIM	> 200	> 200	✓	0.42	78	28	✓
18	N/A	N/A	N/A	0.44	N/A	N/A	LIM	> 200	> 200	✓	0.61	68	11	✓

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	9370084	Earth electrode resistance:	N/A
Insulation resistance:	9370084	Earth fault loop impedance:	9370084
Continuity:	9370084	RCD:	9370084

TESTED BY

 Name: **T SLATTER** Position: **Electrician** Signature: Date: **04/05/2015**

