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INSTALLATION TEST REPORT

FOR

Beckett House
14 Billing Rd
Northampton
NN1 5AW

CERTIFICATE DATE: 02/07/2018

SECTION 1: ELECTRICAL INSTALLATION CONDITION REPORT

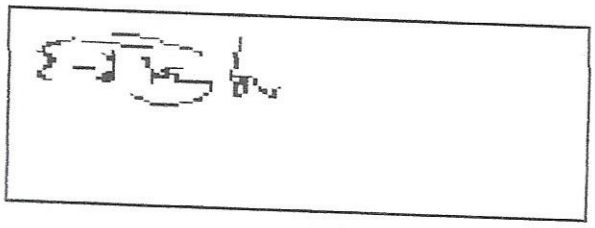
SECTION 2: SYSTEM DISTRIBUTION SCHEMATIC

SECTION 3: DISTRIBUTION BOARD CIRCUIT CHARTS

CUSTOMER ACCEPTANCE

I, the undersigned, confirm that the engineer has attended and carried out / completed to my satisfaction the works as detailed.

Signature



Print Name Emma Taylor

Date 03/07/2018

SECTION 1

ELECTRICAL INSTALLATION CONDITION REPORT

Calbarrie Compliance Services

This report is not valid if the serial number has been defaced or altered

MASTER 237097

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX

A. DETAILS OF THE CLIENT

Client: Haryl (1991) Ltd

Address: Beckett House
14 Billing Rd
-
Northampton

Postcode: NN1 5AW

B. PURPOSE OF THE REPORT

This report must be used only for reporting on the condition of an existing installation.

Purpose for which this report is required: Essential Client Information

Date(s) on which inspection and testing were carried out: 02/07/2018, 03/07/2018, 04/07/2018

C. DETAILS OF THE INSTALLATION

Occupier: N/A

Address: Beckett House
14 Billing Rd
-
Northampton

Postcode: NN1 5AW

Estimated age of the electrical installation: 15 years

Description of premises: domestic, commercial, industrial, other (please state): Commercial

Evidence of alterations or additions: ✓ If yes estimated age: 5 years

Date of previous inspection: 02/07/2018

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: -

Records of installation available: N/A

Records held by: None

D. EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

Test and inspection of the above Installation (Box C), Sub-Circuits and Final Circuits as listed in report. This report contains all relevant information and test results that we were able to collect up to the date of this report.

Agreed limitations including the reasons, if any, on the inspection and testing:

10% of fittings removed for inspection. Accessible/visible items checked. IR readings taken in accordance with regulation 612.3.3. ZE & PFC taken as close to supply origin as possible. Testing carried out in line with supplied specification. Unable to verify if cables are supported across their entire length and that concealed cables are installed in prescribed zones.

Agreed with: CLIENT

Operational limitations including the reasons (see Page No -)

Unable to verify primary supply characteristics due to sealed incoming supply. No IR tests carried out between P/N on circuits due to sensitive equipment. See section F for operation limitations.

The inspection and testing have been carried out in accordance with BS7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

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

Wiring and accesories in excellent condition. Rcbos required to bring installation in line with current standards.

Summary of the condition of the installation continued on additional pages? No ✓ Yes - Specify Page -

Overall assesment of the installation: **Un-Satisfactory**

An 'Unsatisfactory' assessment indicates that dangerous and/or potentially dangerous conditions have been identified

This report should have been reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it. (See declaration on Page 2)

ELECTRICAL INSTALLATION CONDITION REPORT

F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety - **or** The following observations and recommendations for action are made ✓

Item No	Observations	Classification Code (*)	Further Investigaion Required
1	Distribution/final circuits - Cables correctly supported throughout their length. Back box for storage heater on second Floor landing needs re fixing. [General]	Note	N/A
2	No access to main incoming supply [General]	C3	N/A
3	No access to complete test due to customer limitation [DB1 / 02-L3-1]	C3	N/A
4	No RCD protection for socket outlets [DB1 / 03-L1-1]	C3	N/A
5	Unable to trace circuit [DB1 / 03-L3-1]	C3	✓
6	No access to complete test due to customer limitation [DB1 / 04-L1-1]	C3	N/A
7	No RCD protection for socket outlets [DB1 / 04-L3-1]	C3	N/A
8	Zs reading higher than 80% of the maximum permitted Zs [DB1 / 05-L1-1]	C2	N/A
9	No RCD protection for socket outlets [DB1 / 05-L1-1]	C3	N/A
10	Zs reading above 100% of max Zs so too high for disconnection in the required time [DB1 / 05-L2-1]	C2	N/A
11	No RCD protection for socket outlets [DB1 / 05-L2-1]	C3	N/A
12	Zs reading higher than 80% of the maximum permitted Zs [DB1 / 05-L3-1]	C2	N/A
13	No RCD protection for socket outlets [DB1 / 05-L3-1]	C3	N/A
14	No RCD protection for socket outlets [DB1 / 06-L1-1]	C3	N/A
15	Zs reading higher than 80% of the maximum permitted Zs [DB1 / 06-L2-1]	C2	N/A
16	No access to complete test due to customer limitation [DB1 / 06-L2-1]	C3	N/A
17	Zs reading above 100% of max Zs so too high for disconnection in the required time [DB1 / 06-L3-1]	C2	N/A
18	No RCD protection for socket outlets [DB1 / 06-L3-1]	C3	N/A
19	2 spurs are connected wrong . Flex for heater is fed off the live side . And second spur is fed via fuse of first spur. [DB1 / 09-L2-1]	C2	N/A
20	No access to complete test due to customer limitation [DB1 / 09-L3-1]	C3	N/A

Additional Pages? No - Yes ✓ Specify page No(s) 6d

* 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.

Code C1 'Danger Present'. Risk of injury. Immediate action required.

Code C2 'Potentially dangerous'. Urgent remedial action required.

Code C3 'Improvement recommended'.

Please see the Notes pages for guidance regarding the Classification codes

Immediate remedial action required for items: N/A

Urgent remedial action required for items: 8, 10, 12, 15, 17, 19, 23, 25, 26

Further investigation required for items: 5, 22

Improvement recommended for items: N/A

G. 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 in page 1 (see C), 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 F) overleaf and the attached schedules (see H), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection and testing (see D).

I/We further declare that in my/our judgement, the said installation was overall in **Un-Satisfactory** **condition (see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).**

INSPECTION, TESTING AND ASSESSMENT BY:

Signature:

Name: Peter Dolloway

Position: Electrical Tester

Date: 02/07/2018, 03/07/2018, 04/07/2018

REPORT REVIEWED AND CONFIRMED BY:

Signature:

Name: Graham Ladds

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 03-Jul-2018

ELECTRICAL INSTALLATION CONDITION REPORT

H. SCHEDULES AND ADDITIONAL PAGES

Inspection Schedule: Page(s) No 4, 5, 6

Schedule of Circuit Details for the Installation: Page No(s) 7 - 17 odd

Additional pages, including additional source(s) data sheets: Page No(s) 7

Schedule of Test Results for the Installation: Page No(s) 8 - 18 even

The pages identified here are an essential part of this report. The report is only valid if accompanied by all the schedules and additional pages identified above.

I. NEXT INSPECTON

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 at F 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 is practicable (see F).

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading title: Calbarrie Compliance Services

Address: Barrington House, Kingsditch Lane, Cheltenham, Gloucestershire

Postcode: GL51 9NN

Telephone number: 01242 587080

Email Address: info@Calbarrie.com

Enrolment number: (essential information) 000367-006

Branch number: (if applicable) 000367-006

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type(s)

TN-S	✓
TN-C-S	-
TN-C	-
TT	-
IT	-

Number and type of live conductors

		a.c.	✓	d.c.	-
1-Phase (2 wire)	-	1-Phase (3 wire)	-	2 Pole	-
2-Phase (3 wire)	-			3 Pole	-
3-Phase (3 wire)	-	3-Phase (4 wire)	✓	Other	-
Other			-		

Nature of supply parameters

Nominal voltage(s) U	400	V	Uo	230 V
Nominal frequency, f	50	Hz		
Prospective fault current, Ipf	19.9	kA		
External earth fault loop impedance, Ze	LIM	Ω		
Number of *sources*	1			

Notes:
(1) by enquiry
(2) by enquiry or by measurement
(3) where more than one supply, record the higher or highest values
(4) by measurement

Characteristics of primary supply overcurrent protective device(s)

BS(EN)	Lim	
Type	N/A	
Rated current		A
Short-circuit capacity	0	kA
Confirmation of supply polarity	✓	

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing

Distributor's facility	✓
Installation earth electrode	

Type (eg rod(s), tape(s) etc)	-	Location	-
Electrode resistance, RA	- Ω	Method of measurement	-

Details of installation earth electrode (where applicable)

Main Switch or Circuit-Breaker

Type BS(EN)	60947-3	Voltage rating	415	V	
No of poles	3	Rated current	200	A	
Primary Supply conductors material	Copper	RCD Operating current, In	N/A	mA	
Primary Supply conductors csa	25	mm^2 Rated time delay	N/A	ms	
		RCD Operating time at, In	*N/A*	ms	

**(applicable only where an RCD is suitable and is used as a main circuit-breaker)*

Earthing conductor

Conductor material	Copper	
Conductor csa	25	mm^2
Connection / continuity verified	✓	

Earthing and Protective Bonding Conductors

Main protective bonding conductors

Conductor material	Copper	
Conductor csa	25	mm^2
Connection / continuity verified	✓	

Bonding of extraneous conductive parts

Water service	✓	Gas service	N/A
Oil service	N/A	Structural steel	N/A
Lightning protection	N/A	Other incoming service(s)	N/A
Specify	N/A		

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome	Location Reference
1.0	**Condition/adequacy of distributor's/supply intake equipment**	-	-
1.1	Service cable	TICK	-
1.2	Service head	TICK	-
1.3	Distributor's earthing arrangement(s)	TICK	-
1.4	Meter tails - Distributor/Consumer	TICK	-
1.5	Metering equipment	TICK	-
1.6	Means of main isolation (where present)	TICK	-
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	N/A	-
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A	-
3.0	**Automatic disconnection of supply**	-	-
3.1	Main earthing and bonding arrangements	N/A	-
	• Presence and condition of distributor's earthing arrangement	TICK	-
	• Presence and condition of earth electrode arrangement	N/A	-
	• Adequacy of earthing conductor size	TICK	-
	• Adequacy of earthing conductor connections	TICK	-
	• Accessibility of earthing conductor connections	TICK	-
	• Adequacy of main protective bonding conductor size(s)	TICK	-
	• Adequacy of main protective bonding conductor connections	TICK	-
	• Accessibility of main protective bonding connections	TICK	-
	• Accessibility and condition of other protective bonding connections	TICK	-
	• Provision of earthing/bonding labels at all appropriate locations	TICK	-
3.2	FELV	-	-
	• Source providing at least simple seperation	N/A	-
	• Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	-
3.3	Reduced low voltage	-	-
	• Adequacy of source	N/A	-
	• Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	-
4.0	**Other methods of protection (where the methods of protection listed below are employe, details should be provided on separate sheets)**	-	-
4.1	Double insulation	N/A	-
4.2	Reinforced insulation	N/A	-
4.3	Use of obstacles	N/A	-
4.4	Placing out of reach	N/A	-
4.5	Non-conducting location	N/A	-
4.6	Earth-free local equipotential bonding	N/A	-
4.7	Electrical seperation for more than one item of equipment	N/A	-
5.0	**Distribution equipment**	-	-
5.1	Adequacy of working space/accessibility of equipment	TICK	-
5.2	Security of fixing	TICK	-
5.3	Condition of insulation of live parts	TICK	-
5.4	Adequacy/security of barriers	TICK	-
5.5	Condition of enclosure(s) in terms of IP rating	TICK	-
5.6	Condition of enclosure(s) in terms of fire rating	TICK	-
5.7	Enclosure not damaged/deteriorated so as to impair safety	TICK	-
5.8	Presence of main switch(es), linked where required	TICK	-
5.9	Operation of main switch(es) (functional check)	TICK	-
5.10	Correct identification of circuit protective devices	TICK	-
5.11	Adequacy of protective devices for prospective fault current	TICK	-
5.12	RCD(s) provided for fault protection - includes RCBOs	TICK	-
5.13	RCD(s) provided for additional protection - includes RCBOs	N/A	-
		C2	-

* All boxes must be completed

✓ indicates **Acceptable condition**
'LIM' indicates a **Limitation**
'N/A' indicates **Not applicable**

Unacceptable condition state **C1** or **C2**
Improvement recommended state **C3**
Further investigation required state **F/I**
(to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets. C1, C2 and C3 coded items to be recorded in section F of the report.

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome	Location Reference
5.14	RCD(s) provided for protection against fire - includes RCBOs	C2	-
5.15	Manual operation of circuit-breakers and RCDs to prove disconnection	TICK	-
5.16	Presence of RCD retest notice at or near equipment where required	C3	-
5.17	Presence of diagrams, charts or schedules at or near equipment, where required	TICK	-
5.18	Presence of non-standard (mixed) cable colour warning notice at or near equipment where required	N/A	-
5.19	Presence of alternative/additional supply arrangement warning notice(s) at or near equipment where required	N/A	-
5.20	Presence of replacement next inspection recommendation label	TICK	-
5.21	Presence of other required labelling (specify)	N/A	-
5.22	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	TICK	-
5.23	Single-pole switching or protective devices in line condutors only	TICK	-
5.24	Protection against mechanical damage where cables enter equipment	TICK	-
5.25	Protection against electromagnetic effects where cables enter metallic enclosures	TICK	-
6.0	**Distribution/final circuits**	-	-
6.1	Identification of conductors	TICK	-
6.2	Cables correctly supported throughout their length	C3	-
6.3	Condition of insulation of live parts	TICK	-
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking	TICK	-
6.5	Suitability of containment systems for continued use (including flexible conduit)	TICK	-
6.6	Cables correctly terminated in enclosures (indicate extent of sampling in Section D of report)	TICK	-
6.7	Confirmation of indication that SPD(s) are functional	TICK	-
6.8	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	TICK	-
6.9	Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration	TICK	-
6.10	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	TICK	-
6.11	Adequacy of protective devices; type and rated current for fault protection	TICK	-
6.12	Presence and adequacy of circuit protective conductors	TICK	-
6.13	Co-ordination between conductors and overload protective devices	TICK	-
6.14	Cable installation methods/practices appropriate to the type and nature of installation and external influences	TICK	-
6.15	Cables where exposed to direct sunlight, of a suitable type	TICK	-
6.16	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage	-	-
	• installed in prescribed zones (see Section D. Extent and limitations)	LIM	-
	• incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations)	LIM	-
6.17	Provision of additional protection by 30 mA RCD		
	• for mobile equipment not exceeding a rating of 32 A for use outdoors	-	-
	• for all socket-outlets of rating 20 A or less, unless exempt	C3	-
	• for cables installed in walls / partitions at a depth of less than 50 mm	C2	-
	• for cables installed in walls / partitions containing metal parts regardless of depth	C2	-
6.18	Provision of fire barriers, sealing arrangements and protection against thermal effects	C2	-
6.19	Band II cables segregated/separated from Band I cables	TICK	-
6.20	Cables segregated/separated from non-electrical services	TICK	-
6.21	Termination of cables at enclosures (identify numbers and locations of items inspected in Section D)	TICK	-
	• Connections under no undue strain	-	-
	• No basic insulation of a conductor visible outside an enclosure	TICK	-
	• Connections of live conductors adequately enclosed	TICK	-
	• Adequacy of connection at point of entry to enclosure (glan, bush or similar)	TICK	-
6.22	General condition of wiring systems	TICK	-
6.23	Temperature rating of cable insulation	TICK	-
6.24	Condition of accessories including socket-outlets, switches and joint boxes	TICK	-
6.25	Suitability of accessories for external influences	TICK	-
6.26	Single-pole switching or protective devices in line conductors only	TICK	-
6.27	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment - identify / record numbers and locations of items inspected	TICK	-

Note: Older installations designed prior to BS7671:2008 may not have been provided with RCDs for additional protection

* All boxes must be completed

✓ indicates **Acceptable condition**

'LIM' indicates a **Limitation**

'N/A' indicates **Not applicable**

Unacceptable condition state **C1** or **C2**

Improvement recommended state **C3**

Further investigation required state **F/I**

(to determine whether danger or potential danger exists)

Outcome

Provide additional comment where appropriate on attached numbered sheets. C1, C2 and C3 coded items to be recorded in section F of the report.

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome	Location Reference
7.0	**Isolation and switching**		
7.1	Isolators	-	-
	• presence and condition of appropriate devices	-	-
	• acceptable location (state if local or remote)	TICK	-
	• capable of being secured in the OFF position	TICK	-
	• correct operation verified	TICK	-
	• clearly identified by position and/or durable marking(s)	TICK	-
	• Warning label posted in situations where live parts cannot be isolated by the operation of a single device	TICK	-
		TICK	-
7.2	Switching off for mechanical maintenance		
	• presence and condition of appropriate devices	-	-
	• acceptable location	TICK	-
	• capable of being secured in the OFF position	TICK	-
	• correct operation verified	TICK	-
	• clearly identified by position and/or durable marking(s)	TICK	-
7.3	Emergency switching/stopping	TICK	-
	• presence and condition of appropriate devices	-	-
	• readily accessible for operation where danger might occur	TICK	-
	• correct operation verified	TICK	-
	• clearly identified by position and/or durable marking(s)	TICK	-
7.4	Functional Switching	TICK	-
	• presence and condition of appropriate devices	TICK	-
	• correct operation verified	TICK	-
		TICK	-
8.0	**Current-using equipment (permanently connected)**		
8.1	Condition of equipment in terms of IP rating	-	-
8.2	Equipment does not constitute a fire hazard	TICK	-
8.3	Enclosure not damaged/deteriorated so as to impair safety	TICK	-
8.4	Suitability for the environment and external influences	TICK	-
8.5	Security of fixing	TICK	-
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 D of report)	TICK	-
		TICK	-
8.7	Recessed luminaires (e.g. downlighters)		
	• correct type of lamps fitted	-	-
	• installed to minimise build up of heat by use of "fire rated" fixings, insulation displacement box or similar	N/A	-
		N/A	-
	• no signs of overheating to surrounding building fabric		
	• no signs of overheating to conductors/terminations	N/A	-
		N/A	-
9.0	**Location(s) containing a bath or shower**		
9.1	Additional protection by RCD not exceeding 30 mA	-	-
	• for low voltage circuits serving the location	-	-
	• for low voltage circuits passing through Zone 1 and Zone 2 not serving the location	N/A	-
9.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	-
9.3	Shaver sockets comply with BS EN 61558-2-5 or BS 3535	N/A	-
9.4	Presence of supplementary bonding conductors unless not required by BS 7671:2008	N/A	-
9.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	-
9.6	Suitability of equipment for external influences for installed location in terms of IP rating	N/A	-
9.7	Suitability of equipment for installation in a particular zone	N/A	-
9.8	Suitability of current-using equipment for a particular position within the location	N/A	-
		N/A	-
10.0	**Other special installations or locations**		
	List special locations present, if any. List the results of particular inspections applied (a separate page is required for each location).		

* All boxes must be completed

✓ indicates **Acceptable condition**

'LIM' indicates a **Limitation**

'N/A' indicates **Not applicable**

Unacceptable condition state **C1** or **C2**

Improvement recommended state **C3**

Further investigation required state **F/I**

(to determine whether danger or potential danger exists)

Outcome

Provide additional comment where appropriate on attached numbered sheets. C1, C2 and C3 coded items to be recorded in section F of the report.

NOTES FOR RECIPIENTS

THIS ELECTRICAL INSTALLATION CONDITION REPORT IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

The purpose of periodic inspection is to determine, so far as is reasonably practicable, whether an electrical installation is in a satisfactory condition for continued service (see Section E). This report provides an assessment of the condition of the electrical installation identified overleaf at the time it was inspected and tested, taking into account the stated extent of the installation and the limitations of the inspection and testing.

The report identifies any damage, deterioration, defects and/or conditions found by the inspector which may give rise to danger (see Section F), together with any items for which improvement is recommended.

If you were the person ordering this report, but not the user of the installation, you should pass this report, or a full copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

This report should be retained in a safe place and shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this report will provide the new user with an assessment of the condition of the electrical installation at the time the periodic inspection was carried out.

Where the installation incorporates residual current devices (RCDs), there should be a notice at or near the distribution board stating that they should be tested quarterly. FOR SAFETY REASONS, IT IS IMPORTANT THAT YOU CARRY OUT THE TEST

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a competent person. The recommended date by which the next inspection should be carried out is stated in Section I of this report. There should also be a notice at or near the main switchboard or consumer unit indicating when the next inspection of the installation is due. NICEIC* recommends that you engage the services of an Approved Contractor for the inspection.

This report has been issued in accordance with the national standard for the safety of electrical installations, British Standard 7671 (as amended) - Requirements for Electrical Installations.

Only an NICEIC Approved Contractor or Conforming Body is authorised to issue this NiCEIC Electrical Installation Condition Report form.

You should have received the report marked 'Original' and the Approved Contractor should have retained the report marked 'Duplicate'.

The report consists of at least eight numbered pages. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. For installations having more than one distribution board or more circuits than can be recorded on Pages 7 and 8, one or more additional Schedules of Circuit Details and Schedules of Test Results should form part of the report. The report is invalid if any of the pages identified in Section H are missing. The report has a printed six-digit serial number, which is traceable to the Approved Contractor to which it was supplied by NICEIC.

This report form is intended to be issued only for the purpose of reporting on the condition of an existing electrical installation. The report should identify, so far as is reasonably practicable and having regard to the extent and limitations recorded in Section D, any damage, deterioration, defects, dangerous conditions and any non-compliances with the requirements of the national standard for the safety of electrical installations which may give rise to danger, together with any items for which improvement is recommended.

The report should not have been issued to certify that new electrical installation work complies with the requirements of the national safety standard. An 'Electrical Installation Certificate', a 'Domestic Electrical Installation Certificate' or a 'Minor Electrical Installation Works Certificate' (as appropriate) should be issued for the certification of new installation work.

This report should not have been issued for an electrical installation in a potentially explosive atmosphere (hazardous area) unless the Approved Contractor holds an appropriate extension to NICEIC enrolment for such work.

NOTES FOR RECIPIENTS

(continued from previous page)

Section D (Extent and limitations) should identify fully the extent of the installation covered by this report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out. Some operational limitations may have been encountered during the inspection such as inability to gain access to parts of the installation or to an item of equipment. The inspector should have noted any such limitations in Section D. It should be noted that the greater the limitations applying to a report, the less its value from the safety aspect.

A declaration of the overall condition of the installation should have been given by the inspector in Section G of the report. The declaration must reflect the statement given in Section E, which summarises the observations and recommendations made in Section F. Where one or more observations have been made in Section F, the Classification code given to each by the inspector indicates the degree of urgency with which remedial action needs to be taken to restore the installation to a safe working condition. Where the inspector has indicated that an observation requires further investigation, the investigation should be carried out as a matter of urgency to determine whether danger or potential danger exists. For further guidance on the Classification codes, please see the next page.

Where inadequacies in the electricity distributor's or supplier's equipment have been observed (section 1 of the inspection schedule), the person ordering the inspection should inform the distributor and/or supplier as appropriate.

Should the person ordering this report have reason to believe that it does not reasonably reflect the condition of the electrical installation reported on, that person should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the person ordering this report may make a formal complaint to NICEIC, for which purpose a complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

GUIDANCE FOR RECIPIENTS ON THE CLASSIFICATION CODES

Only one Classification code should have been given for each recorded observation

Classification code C1 (Danger present)

Where an observation has been given a Classification code C1, the safety of those using the installation is at risk and immediate remedial action is required.

The person responsible for the maintenance of the installation is advised to take action without delay to remedy the observed deficiency in the installation, or to take other appropriate action (such as switching off and isolating the affected part(s) of the installation) to remove the danger. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

NICEIC makes available 'Electrical Danger Notification' forms to enable inspectors to record, and then to communicate to the person ordering the report, any dangerous condition discovered.

Classification code C2 (Potentially dangerous)

Classification code C2 indicates that, whilst those using the installation may not be at immediate risk, urgent remedial action is required to remove potential danger. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

Classification code C3 (Improvement recommended)

Where an observation has been given a Classification code C3, the inspection and/or testing has revealed a non-compliance with the current safety standard which, whilst not presenting immediate or potential danger, would result in a significant safety improvement if remedied. Careful consideration should be given to the safety benefits of improving these aspects of the installation. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given at Section I of this report (Next Inspection) for the maximum interval until the next inspection is conditional upon all items which have been given a Classification code C1 and code C2 being remedied immediately and as a matter of urgency, respectively.

It would not be reasonable for the inspector to indicate that the installation is in a satisfactory condition if any observation in this report has been given a code C1 or code C2 classification.

Requires further investigation

It should usually be possible for the inspector to attribute a Classification code to each observation without indicating a need for further investigation.

However, where a 'Y' or a 'Tick' has been entered against an observation in the 'Further investigation required' column of Section F, the inspector considers that further investigation of that observation is likely to reveal danger or potential danger that, due to the agreed extent or limitations of the inspection and/or testing, could not be fully identified at the time.

It would not be appropriate for the inspector to indicate that the installation is in a satisfactory condition if there is reasonable doubt as to whether danger or potential danger exists.

If the inspector has indicated that an observation requires further investigation, the person ordering this report is advised to arrange for the NICEIC Approved Contractor issuing the report (or another competent person) to undertake further examination of that aspect of the installation as a matter of urgency, to determine whether or not danger or potential danger exists.

Further information

Further information on the application of Classification codes, primarily aimed at inspectors but of possible interest to persons ordering condition reports, can be found in the Electrical Safety Council's Best Practice Guide entitled Electrical installation condition reporting: Classification Codes for domestic and similar electrical installations, The guide can be viewed or downloaded free of charge from www.esc.org.uk

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Cellar	Supply to distribution board is from	MAIN PANEL / 06-T-1	Associated RCD (if any)	
Distribution board designation	DB1	No of phases	3	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	60898 MCB	Rating	63 A
				BS(EN)	N/A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. curent $I_{\Delta n}$ (mA)	Ω
01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L2-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L3-1	Sockets Bt And Comms	C	B	3	2.5	2.5	0.4	60898 MCB	C	16	10	-	1.37
03-L1-1	Socket Below Db	C	B	1	2.5	2.5	0.4	60898 MCB	C	20	10	-	1.09
03-L2-1	Gents Hand Drier	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L3-1	Photocopier Reception	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L1-1	Bt Spur	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L2-1	Way Not Used	-	-	-	-	-	-	60898 MCB	C	20	10	-	-
04-L3-1	Sockets Room 104 Lhs	A	E	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
05-L1-1	Sockets Room 104 Rhs	A	E	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
05-L2-1	Sockets Boardroom 101	A	E	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
05-L3-1	Sockets Room 102 Lhs	A	E	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
06-L1-1	Sockets Room 102 Rhs	A	E	3	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
06-L2-1	Sockets Room 103	A	E	LIM	4.0	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68
06-L3-1	Sockets Reception	A	E	4	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
07-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-07-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--07-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L2-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L3-1	Lights Cellar	C	B	12	1.5	1.5	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Cellar	Supply to distribution board is from	MAIN PANEL / 06-T-1	Associated RCD (if any)	
Distribution board designation	DB1	No of phases	3	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	60898 MCB	Rating	63 A
				BS(EN)	N/A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	*Circuit designation*	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. current $I_{\Delta n}$ (mA)	Ω
09-L1-1	Lights Reception	C	B	6	1.5	1.5	0.4	60898 MCB	C	6	10	-	3.64
09-L2-1	Gents Water Heater And Wall Heater	A	E	2	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
09-L3-1	Sockets Room 103	A	E	LIM	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37
10-L1-1	Lights Room 103 Hall Entrance	A	E	9	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
10-L2-1	Lights Gents Toilet Fan	A	E	3	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
10-L3-1	Intruder Alarm	A	E	1	2.5	1.5	0.4	60898 MCB	C	6	10	-	3.64
11-L1-1	Lights Room 104	A	E	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
11-L2-1	*Lights Boardroom*	A	E	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
11-L3-1	Door Access	A	E	1	2.5	1.5	0.4	60898 MCB	C	6	10	-	3.64
12-L1-1	Lights Room 102	A	E	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
12-L2-1	Lights Outside	A	E	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
12-L3-1	Fire Alarm	A	E	1	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

MASTER 237097

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

CHARACTERISTICS AT THIS DISTRIBUTION BOARD

	✓	Confirmation of Supply Polarity	See Note below		
Zs	0.33	Ω Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
Ipf	1.48	kA	At $5I_{\Delta n}$ (if applicable)	N/A	ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance	810/5152	RCD	810/5152
Insulation resistance	X	Other	3219042
Continuity	X	Other	N/A

TEST RESULTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Zs	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)								Operating Times		
	T_1 (Line)	T_n (Neutral)	T_2 (cpc)	R1 + R2	R2	Line / Line MΩ	Line / Neutral MΩ	Line / Earth MΩ	Neutral / Earth MΩ		See Note below	At $I_{\Delta n}$ ms	At $5I_{\Delta n}$ (if applicable) ms	Test Button Operation ✓
01-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-01-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--01-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
02-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02-L2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02-L3-1	-	-	-	N/A	-	-	-	-	-	-	-	-	-	-
03-L1-1	-	-	-	0.02	-	-	LIM	200+	200+	✓	0.34	-	-	N/A
03-L2-1	-	-	-	0.22	-	-	LIM	200+	200+	✓	0.49	-	-	N/A
03-L3-1	-	-	-	LIM	-	-	LIM	200+	200+	-	LIM	-	-	N/A
04-L1-1	-	-	-	N/A	-	-	-	-	-	-	-	-	-	N/A
04-L2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
04-L3-1	-	-	-	0.15	-	-	LIM	200+	200+	✓	0.46	-	-	N/A
05-L1-1	-	-	-	0.30	-	-	LIM	200+	200+	✓	0.59	-	-	N/A
05-L2-1	-	-	-	0.57	-	-	LIM	200+	200+	✓	0.84	-	-	N/A
05-L3-1	-	-	-	0.21	-	-	LIM	200+	200+	✓	0.59	-	-	N/A
06-L1-1	-	-	-	0.22	-	-	LIM	200+	200+	✓	0.50	-	-	N/A
06-L2-1	-	-	-	LIM	-	-	LIM	LIM	LIM	✓	0.64	LIM	LIM	✓
06-L3-1	-	-	-	0.57	-	-	LIM	200+	200+	✓	0.86	-	-	N/A
07-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-07-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--07-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
08-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08-L2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08-L3-1	-	-	-	1.09	-	-	LIM	200+	200+	✓	1.36	-	-	N/A

Note: Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.

TESTED BY

Signature

Position: Electrical Tester

Name: Peter Dolloway

Date of testing: 02/07/2018

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

MASTER 237097

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

CHARACTERISTICS AT THIS DISTRIBUTION BOARD

	✓	Confirmation of Supply Polarity		See Note below		
Zs	0.33	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
Ipf	1.48	kA		At $5I_{\Delta n}$ (if applicable)	N/A	ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance	810/5152	RCD	810/5152
Insulation resistance	X	Other	3219042
Continuity	X	Other	N/A

TEST RESULTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Zs	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)								Operating Times		
	T_1 (Line)	T_n (Neutral)	T_2 (cpc)	R1 + R2	R2	Line / Line MΩ	Line / Neutral MΩ	Line / Earth MΩ	Neutral / Earth MΩ	✓	See Note below Ω	At $I_{\Delta n}$ ms	At $5I_{\Delta n}$ (if applicable) ms	Test Button Operation ✓
09-L1-1	-	-	-	0.18	-	-	LIM	200+	200+	✓	0.50	-	-	N/A
09-L2-1	-	-	-	0.31	-	-	LIM	200+	200+	✓	0.60	-	-	N/A
09-L3-1	-	-	-	LIM	-	-	LIM	LIM	LIM	✓	0.49	LIM	LIM	✓
10-L1-1	-	-	-	0.65	-	-	LIM	200+	200+	✓	0.94	-	-	N/A
10-L2-1	-	-	-	0.63	-	-	LIM	200+	200+	✓	0.91	-	-	N/A
10-L3-1	-	-	-	LIM	-	-	LIM	200+	200+	✓	0.54	-	-	N/A
11-L1-1	-	-	-	0.23	-	-	LIM	200+	200+	✓	*0.53*	-	-	N/A
11-L2-1	-	-	-	0.69	-	-	LIM	200+	200+	✓	1.01	-	-	N/A
11-L3-1	-	-	-	LIM	-	-	LIM	200+	200+	-	LIM	-	-	N/A
12-L1-1	-	-	-	0.56	-	-	LIM	200+	200+	✓	0.83	-	-	N/A
12-L2-1	-	-	-	0.82	-	-	LIM	200+	200+	✓	1.11	-	-	N/A
12-L3-1	-	-	-	LIM	-	-	LIM	LIM	LIM	✓	0.50	-	-	N/A

TESTED BY

Note: Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.

Signature

Position Electrical Tester

Name Peter Dolloway

Date of testing 02/07/2018

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Cellar	Supply to distribution board is from	MAIN PANEL / 02-T-1	Associated RCD (if any)	
Distribution board designation	DB2 (OFF PEAK)	No of phases: 3	Nominal Voltage: 400 V	BS(EN): N/A	
		Overcurrent protective device for the distribution circuit		RCD No of poles: N/A	
		Type BS(EN): 60898 MCB	Rating: 63 A	RCD rating, $I_{\Delta n}$: N/A mA	

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. current $I_{\Delta n}$ (mA)	Ω
01-L1-1	Storage Heater Room 111	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
01-L2-1	Storage Heater Boardroom	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
01-L3-1	Storage Heater Room 102	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
02-L1-1	Storage Heater Room 111	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
02-L2-1	Storage Heater Boardroom	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
02-L3-1	Storage Heater Reception	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L1-1	Storage Heater Room 104	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L2-1	Storage Heater Room 110	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L3-1	Storage Heater Room 112	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L1-1	Storage Heater Room 111	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L2-1	Storage Heater Room 110	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L3-1	Storage Heater Room 109	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
05-L1-1	Storage Heater Room 104	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
05-L2-1	Storage Heater Room 103	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
05-L3-1	Storage Heater Room 112	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
06-L1-1	Storage Heater Room 103	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
06-L2-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
06-L3-1	Storage Heater Room 102	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
07-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
07-L2-1	Storage Heater Room 103	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
07-L3-1	Storage Heater Reception	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
08-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L2-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L3-1	Storage Heater Reception	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

MASTER 237097

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

CHARACTERISTICS AT THIS DISTRIBUTION BOARD

	✓	Confirmation of Supply Polarity		See Note below		
Zs	LIM	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
Ipf	LIM	kA		At $5I_{\Delta n}$ (if applicable)	N/A	ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance	810/5152	RCD	810/5152
Insulation resistance	X	Other	3219042
Continuity	X	Other	N/A

TEST RESULTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Zs	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line / Line	Line / Neutral	Line / Earth	Neutral / Earth			Operating Times		
	T_1 (Line)	T_n (Neutral)	T_2 (cpc)	R1 + R2	R2	MΩ	MΩ	MΩ	MΩ	✓	See Note below Ω	At $I_{\Delta n}$ ms	At $5I_{\Delta n}$ (if applicable) ms	Test Button Operation ✓
01-L1-1	-	-	-	0.74	-	-	LIM	200+	200+	-	LIM	-	-	N/A
01-L2-1	-	-	-	0.37	-	-	LIM	200+	200+	-	LIM	-	-	N/A
01-L3-1	-	-	-	0.29	-	-	LIM	200+	200+	-	LIM	-	-	N/A
02-L1-1	-	-	-	0.41	-	-	LIM	200+	200+	-	LIM	-	-	N/A
02-L2-1	-	-	-	0.32	-	-	LIM	200+	200+	-	LIM	-	-	N/A
02-L3-1	-	-	-	0.33	-	-	LIM	200+	200+	-	LIM	-	-	N/A
03-L1-1	-	-	-	0.25	-	-	LIM	200+	200+	-	LIM	-	-	N/A
03-L2-1	-	-	-	0.32	-	-	LIM	200+	200+	-	LIM	-	-	N/A
03-L3-1	-	-	-	0.50	-	-	LIM	200+	200+	-	LIM	-	-	N/A
04-L1-1	-	-	-	0.54	-	-	LIM	200+	200+	-	LIM	-	-	N/A
04-L2-1	-	-	-	0.43	-	-	LIM	200+	200+	-	LIM	-	-	N/A
04-L3-1	-	-	-	0.21	-	-	LIM	200+	200+	-	LIM	-	-	N/A
05-L1-1	-	-	-	0.20	-	-	LIM	200+	200+	-	LIM	-	-	N/A
05-L2-1	-	-	-	0.32	-	-	LIM	200+	200+	-	LIM	-	-	N/A
05-L3-1	-	-	-	0.38	-	-	LIM	200+	200+	-	LIM	-	-	N/A
06-L1-1	-	-	-	0.38	-	-	LIM	200+	200+	-	LIM	-	-	N/A
06-L2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06-L3-1	-	-	-	0.24	-	-	LIM	200+	200+	-	LIM	-	-	N/A
07-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07-L2-1	-	-	-	0.41	-	-	LIM	200+	200+	-	LIM	-	-	N/A
07-L3-1	-	-	-	0.17	-	-	LIM	200+	200+	-	LIM	-	-	N/A
08-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08-L2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08-L3-1	-	-	-	0.19	-	-	LIM	200+	200+	-	LIM	-	-	N/A

Note: Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.

TESTED BY

Signature		Position	Electrical Tester
Name	Peter Dolloway	Date of testing	03/07/2018

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	First Floor Lobby	Supply to distribution board is from	MAIN PANEL / 04-T-1	Associated RCD (if any)	
Distribution board designation	DB3	No of phases	3	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	60898 MCB	Rating	63 A
				BS(EN)	N/A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. current $I_{\Delta n}$ (mA)	Ω
01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L2-1	Dishwasher And Fridge	E	B	2	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
02-L3-1	Toilet Water Heater Gents	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L1-1	Hand Drier Ladies Toilet	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L2-1	Sockets Kitchen	E	B	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
03-L3-1	Sockets Room 112	E	B	7	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
04-L1-1	Sockets Room 111	E	B	LIM	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
04-L2-1	Sockets Room 110	E	B	6	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
04-L3-1	Sockets Room 109	E	B	2	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
06-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
06-L2-1	Kitchen Water Heater	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
06-L3-1	Gents Hand Drier	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
07-L1-1	Lights Gents Toilet And Emergency Stairs	A	100	7	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
07-L2-1	Lights Kitchen And Ladies Toilet	A	100	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
07-L3-1	Lights Room 112	A	100	3	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
07-L3-2	Lights Room 112 Emergency	A	100	1	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
08-L1-1	Lights Room 111	A	100	3	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
08-L1-2	Lights Room 111 Emergency	A	100	1	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 23709

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	First Floor Lobby	Supply to distribution board is from	MAIN PANEL / 04-T-1	Associated RCD (if any)
Distribution board designation	DB3	No of phases 3	Nominal Voltage 400 V	BS(EN) N/A
		Overcurrent protective device for the distribution circuit		RCD No of poles N/A
		Type BS(EN) 60898 MCB	Rating 63 A	RCD rating, $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live	cpc		BS(EN)	Type No	Rating	Short circuit capacity	Op. current $I_{\Delta n}$	
					mm²	mm²	s			(A)	(kA)	(mA)	Ω
08-L2-1	Lights Landing	A	100	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
08-L2-2	Lights Landing Emergencies	A	100	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
08-L3-1	Lights Rooms 110/109	A	100	5	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

CHARACTERISTICS AT THIS DISTRIBUTION BOARD

	✓	Confirmation of Supply Polarity	See Note below		
Zs	0.32	Ω Operating times of associated RCD (if any)	At $I\Delta_n$	N/A	ms
Ipf	1.44	kA	At $5I\Delta_n$ (if applicable)	N/A	ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance	810/5152	RCD	810/5152
Insulation resistance	X	Other	3219042
Continuity	X	Other	N/A

TEST RESULTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Zs	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line / Line	Line / Neutral	Line / Earth	Neutral / Earth			Operating Times		
	T_1 (Line)	T_n (Neutral)	T_2 (cpc)	R1 + R2	R2	MΩ	MΩ	MΩ	MΩ	✓	See Note below Ω	At $I\Delta_n$ ms	At $5I\Delta_n$ (if applicable) ms	Test Button Operation ✓
01-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-01-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--01-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
02-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02-L2-1	-	-	-	0.38	-	-	LIM	200+	200+	✓	0.68	-	-	N/A
02-L3-1	-	-	-	0.20	-	-	LIM	200+	200+	✓	0.50	-	-	N/A
03-L1-1	-	-	-	0.21	-	-	LIM	200+	200+	✓	0.52	-	-	N/A
03-L2-1	-	-	-	0.36	-	-	LIM	200+	200+	✓	0.67	-	-	N/A
03-L3-1	-	-	-	0.77	-	-	LIM	200+	200+	✓	1.06	-	-	N/A
04-L1-1	-	-	-	0.56	-	-	LIM	200+	200+	✓	0.84	-	-	N/A
04-L2-1	-	-	-	0.62	-	-	LIM	200+	200+	✓	0.91	-	-	N/A
04-L3-1	-	-	-	0.16	-	-	LIM	200+	200+	✓	0.44	-	-	N/A
05-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-05-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--05-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
06-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06-L2-1	-	-	-	0.29	-	-	LIM	200+	200+	✓	0.60	-	-	N/A
06-L3-1	-	-	-	0.18	-	-	LIM	200+	200+	✓	0.47	-	-	N/A
07-L1-1	-	-	-	0.94	-	-	LIM	200+	200+	✓	1.03	-	-	N/A
07-L2-1	-	-	-	0.37	-	-	LIM	200+	200+	✓	0.67	-	-	N/A
07-L3-1	-	-	-	0.27	-	-	LIM	200+	200+	✓	0.57	-	-	N/A
07-L3-2	-	-	-	N/A	0.01	-	LIM	200+	200+	✓	0.35	-	-	N/A
08-L1-1	-	-	-	0.44	-	-	LIM	200+	200+	✓	0.73	-	-	N/A
08-L1-2	-	-	-	N/A	0.01	-	LIM	200+	200+	✓	0.38	-	-	N/A

Note: Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.

TESTED BY

Signature

Position: Electrical Tester

Name: Peter Dolloway

Date of testing: 03/07/2018

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

MASTER 237097

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

CHARACTERISTICS AT THIS DISTRIBUTION BOARD

	✓	Confirmation of Supply Polarity		See Note below		
Zs	0.32	0	Operating times of associated RCD (if any)	At $I\Delta_n$	N/A	ms
Ipf	1.44	kA		At $5I\Delta_n$ (if applicable)	N/A	ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance	810/5152	RCD	810/5152
Insulation resistance	X	Other	3219042
Continuity	X	Other	N/A

TEST RESULTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Zs	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line / Line	Line / Neutral	Line / Earth	Neutral / Earth			Operating Times		
	T_1 (Line)	T_n (Neutral)	T_2 (cpc)	R1 + R2	R2	MΩ	MΩ	MΩ	MΩ	✓	See Note below Ω	At $I\Delta_n$ ms	At $5I\Delta_n$ (if applicable) ms	Test Button Operation ✓
08-L2-1	-	-	-	0.53	-	-	LIM	200+	200+	✓	0.81	-	-	N/A
08-L2-2	-	-	-	N/A	0.01	-	LIM	200+	200+	✓	0.36	-	-	N/A
08-L3-1	-	-	-	0.28	-	-	LIM	200+	200+	✓	0.58	-	-	N/A

TESTED BY

Note: Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.

Signature

Position: Electrical Tester

Name: Peter Dolloway

Date of testing: 03/07/2018

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Second Floor Cupboard	Supply to distribution board is from	MAIN PANEL / 03-T-1	Associated RCD (if any)	
Distribution board designation	DB4	No of phases	3	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	60898 MCB	Rating	63 A
				BS(EN)	N/A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. current $I_{\Delta n}$ (mA)	Ω
01-T-1	Sub Mains -> DB5	B	B	1	16	16	5	60898 MCB	C	40	10	-	0.55
-01-T-1	Sub Mains -> DB5	B	B	1	16	16	5	60898 MCB	C	40	10	-	0.55
--01-T-1	Sub Mains -> DB5	B	B	1	16	16	5	60898 MCB	C	40	10	-	0.55
02-L1-1	Sockets Room 107	E	B	12	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
02-L2-1	Sockets Room 106	E	B	LIM	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
02-L3-1	Sockets Room 105	E	B	LIM	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
03-L1-1	Lights Room 107	A	100	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
03-L2-1	Lights Room 106	A	100	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
03-L3-1	Lights Room 105	A	100	6	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
04-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-04-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--04-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
05-L1-1	Data Cabinet	E	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	-	2.74
05-L2-1	Sockets Room 107/108	E	B	5	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
05-L3-1	Timeclock	A	100	1	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
06-L1-1	Lights Landing	A	100	6	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
06-L2-1	Lights Rooms 107/108	A	100	3	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
06-L3-1	Lights Rear Stairs	A	100	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

CHARACTERISTICS AT THIS DISTRIBUTION BOARD

	✓	Confirmation of Supply Polarity		See Note below		
Zs	0.29	0	Operating times of associated RCD (if any)	At $I\Delta n$	N/A	ms
Ipf	1.64	kA		At $5I\Delta n$ (if applicable)	N/A	ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance	810/5152	RCD	810/5152
Insulation resistance	X	Other	3219042
Continuity	X	Other	N/A

TEST RESULTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Zs	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line / Line	Line / Neutral	Line / Earth	Neutral / Earth			Operating Times		
	T_1 (Line)	T_n (Neutral)	T_2 (cpc)	R1 + R2	R2	MΩ	MΩ	MΩ	MΩ	✓	See Note below Ω	At $I\Delta n$ ms	At $5I\Delta n$ (if applicable) ms	Test Button Operation ✓
01-T-1	-	-	-	N/A	0.02	N/A	LIM	200+	200+	✓	0.31	-	-	N/A
-01-T-1	-	-	-	N/A	0.02	N/A	LIM	200+	200+	✓	0.31	-	-	N/A
--01-T-1	-	-	-	N/A	0.02	N/A	LIM	200+	200+	✓	0.31	-	-	N/A
02-L1-1	-	-	-	0.68	-	-	LIM	200+	200+	✓	0.99	-	-	N/A
02-L2-1	-	-	-	0.45	-	-	LIM	200+	200+	✓	0.76	-	-	N/A
02-L3-1	-	-	-	0.31	-	-	LIM	200+	200+	✓	0.62	-	-	N/A
03-L1-1	-	-	-	0.62	-	-	LIM	200+	200+	✓	0.93	-	-	N/A
03-L2-1	-	-	-	0.45	-	-	LIM	200+	200+	✓	0.73	-	-	N/A
03-L3-1	-	-	-	0.32	-	-	LIM	200+	200+	✓	0.62	-	-	N/A
04-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-04-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--04-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
05-L1-1	-	-	-	N/A	-	-	-	-	-	-	-	-	-	N/A
05-L2-1	-	-	-	0.38	-	-	LIM	200+	200+	✓	0.70	-	-	N/A
05-L3-1	-	-	-	N/A	0.01	-	LIM	200+	200+	✓	0.41	-	-	N/A
06-L1-1	-	-	-	0.89	-	-	LIM	200+	200+	✓	1.13	-	-	N/A
06-L2-1	-	-	-	0.84	-	-	LIM	200+	200+	✓	1.13	-	-	N/A
06-L3-1	-	-	-	0.39	-	-	LIM	200+	200+	✓	0.71	-	-	N/A

TESTED BY

Note: Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.

Signature

Position: Electrical Tester

Name: Peter Dolloway

Date of testing: 03/07/2018

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Second Floor Cupboard	Supply to distribution board is from	DB4 / 01-T-1	Associated RCD (if any)	
Distribution board designation	DB5	No of phases	3	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	60898 MCB	Rating	40 A
				BS(EN)	N/A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	
					Live mm 2	cpc mm 2	s	BS(EN)	Type No	Rating (A)	Short circuit capa-city (kA)	Op. current $I_{\Delta n}$ (mA)	Max. permitted Zs Ω
01-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
01-L2-1	Storage Heater Room 108	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
01-L3-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L2-1	Storage Heater Room 107a	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
02-L3-1	Storage Heater Landing	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L1-1	Storage Heater Room 107	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L2-1	Storage Heater Room 106	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L3-1	Storage Heater Room 105	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-04-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--04-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
06-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-06-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--06-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

MASTER 237097

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

CHARACTERISTICS AT THIS DISTRIBUTION BOARD

	✓	Confirmation of Supply Polarity	See Note below			
Zs	0.31	Ω	Operating times of associated RCD (if any)	At $I\Delta n$	N/A	ms
Ipf	1.44	kA		At $5I\Delta n$ (if applicable)	N/A	ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance	810/5152	RCD	810/5152
Insulation resistance	X	Other	3219042
Continuity	X	Other	N/A

TEST RESULTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Zs	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line / Line	Line / Neutral	Line / Earth	Neutral / Earth			Operating Times		
	T_1 (Line)	T_n (Neutral)	T_2 (cpc)	R1 + R2	R2	MΩ	MΩ	MΩ	MΩ	✓	See Note below Ω	At $I\Delta n$ ms	At $5I\Delta n$ (if applicable) ms	Test Button Operation ✓
01-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01-L2-1	-	-	-	0.43	-	-	LIM	200+	200+	✓	0.71	-	-	N/A
01-L3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02-L2-1	-	-	-	0.38	-	-	LIM	200+	200+	✓	0.68	-	-	N/A
02-L3-1	-	-	-	0.11	-	-	LIM	200+	200+	✓	0.42	-	-	N/A
03-L1-1	-	-	-	0.57	-	-	LIM	200+	200+	✓	0.85	-	-	N/A
03-L2-1	-	-	-	0.50	-	-	LIM	200+	200+	✓	0.78	-	-	N/A
03-L3-1	-	-	-	0.29	-	-	LIM	200+	200+	✓	0.56	-	-	N/A
04-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-04-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--04-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
05-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-05-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--05-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
06-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-06-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--06-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-

Note: Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.

TESTED BY

Signature		Position	Electrical Tester
Name	Peter Dolloway	Date of testing	03/07/2018

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Cellar	Supply to distribution board is from	Authority Supply	Associated RCD (if any)	
Distribution board designation	MAIN PANEL	No of phases 3	Nominal Voltage 400 V	BS(EN) N/A	
		Overcurrent protective device for the distribution circuit		RCD No of poles	N/A
		Type BS(EN) N/A	Rating N/A A	RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. curent $I_{\Delta n}$ (mA)	Max. permitted Zs Ω
01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-T-1	Sub Mains -> DB2 (OFF PEAK)	F	E	1	25	16	5	60898 MCB	C	63	10	-	0.35
-02-T-1	Sub Mains -> DB2 (OFF PEAK)	F	E	1	25	16	5	60898 MCB	C	63	10	-	0.35
--02-T-1	Sub Mains -> DB2 (OFF PEAK)	F	E	1	25	16	5	60898 MCB	C	63	10	-	0.35
03-T-1	Sub Mains -> DB4	F	E	1	16	16	5	60898 MCB	C	63	10	-	0.35
-03-T-1	Sub Mains -> DB4	F	E	1	16	16	5	60898 MCB	C	63	10	-	0.35
--03-T-1	Sub Mains -> DB4	F	E	1	16	16	5	60898 MCB	C	63	10	-	0.35
04-T-1	Sub Mains -> DB3	F	E	1	25	16	5	60898 MCB	C	63	10	-	0.35
-04-T-1	Sub Mains -> DB3	F	E	1	25	16	5	60898 MCB	C	63	10	-	0.35
--04-T-1	Sub Mains -> DB3	F	E	1	25	16	5	60898 MCB	C	63	10	-	0.35
05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
06-T-1	Sub Mains -> DB1	F	E	1	16	16	5	60898 MCB	C	63	10	-	0.35
-06-T-1	Sub Mains -> DB1	F	E	1	16	16	5	60898 MCB	C	63	10	-	0.35
--06-T-1	Sub Mains -> DB1	F	E	1	16	16	5	60898 MCB	C	63	10	-	0.35

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

MASTER 237097

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

CHARACTERISTICS AT THIS DISTRIBUTION BOARD

	✓	Confirmation of Supply Polarity	See Note below			
Zs	0.33	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
Ipf	1.46	kA		At 5I $_{\Delta n}$ (if applicable)	N/A	ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance	810/5152	RCD	810/5152
Insulation resistance	X	Other	3219042
Continuity	X	Other	N/A

TEST RESULTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Zs	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line / Line	Line / Neutral	Line / Earth	Neutral / Earth			Operating Times		
	T_1 (Line)	T_n (Neutral)	T_2 (cpc)	R1 + R2	R2	MΩ	MΩ	MΩ	MΩ	✓	See Note below Ω	At $I_{\Delta n}$ ms	At 5I $_{\Delta n}$ (if applicable) ms	Test Button Operation ✓
01-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-01-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--01-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
02-T-1	-	-	-	N/A	0.02	N/A	LIM	200+	200+	-	LIM	-	-	N/A
-02-T-1	-	-	-	N/A	0.02	N/A	LIM	200+	200+	-	LIM	-	-	N/A
--02-T-1	-	-	-	N/A	0.02	N/A	LIM	200+	200+	-	LIM	-	-	N/A
03-T-1	-	-	-	LIM	-	N/A	LIM	LIM	LIM	✓	0.29	-	-	N/A
-03-T-1	-	-	-	LIM	-	N/A	LIM	LIM	LIM	✓	0.29	-	-	N/A
--03-T-1	-	-	-	LIM	-	N/A	LIM	LIM	LIM	✓	0.29	-	-	N/A
04-T-1	-	-	-	LIM	-	N/A	LIM	LIM	LIM	✓	0.32	-	-	N/A
-04-T-1	-	-	-	LIM	-	N/A	LIM	LIM	LIM	✓	0.32	-	-	N/A
--04-T-1	-	-	-	LIM	-	N/A	LIM	LIM	LIM	✓	0.32	-	-	N/A
05-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
-05-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
--05-T-1	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-
06-T-1	-	-	-	N/A	0.01	N/A	LIM	LIM	LIM	✓	0.33	-	-	N/A
-06-T-1	-	-	-	N/A	0.01	N/A	LIM	LIM	LIM	✓	0.33	-	-	N/A
--06-T-1	-	-	-	N/A	0.01	N/A	LIM	LIM	LIM	✓	0.33	-	-	N/A

TESTED BY

Note: Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.

Signature

Position: Electrical Tester

Name: Peter Dolloway

Date of testing: 03/07/2018

Observations and Recommendations continued from Page 2

N/A

Item No.	Recommendation	Classification Code (*)	Further Investigaion Reqd
21	No access to complete test due to height[DB1 / 11-L3-1]	C3	N/A
22	This is an off peak board with no over ride . Dead tests only .[DB2 (OFF PEAK)]	Note	✓
23	Zs reading higher than 80% of the maximum permitted Zs[DB3 / 03-L2-1]	C2	N/A
24	No RCD protection for socket outlets[DB3 / 03-L2-1]	C3	N/A
25	Zs reading higher than 80% of the maximum permitted Zs[MAIN PANEL / 04-T-1]	C2	N/A
26	Zs reading higher than 80% of the maximum permitted Zs[MAIN PANEL / 06-T-1]	C2	N/A

Code Key

* 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.

Code C1 'Danger Present'. Risk of injury. Immediate action required.
Code C2 'Potentially dangerous'. Urgent remedial action required.
Code C3 'Improvement recommended'.

SECTION 2

SYSTEM DISTRIBUTION SCHEMATIC

DISTRIBUTION SCHEMATIC FOR

Beckett House
14 Billing Rd
Northampton
NN1 5AW

MAIN SUPPLY

- MAIN PANEL, Cellar, Three Phase, 6 way(s)
  - 02-T-1 [Sub Mains] - (V) -> DB2 (OFF PEAK) - (T)
    - DB2 (OFF PEAK), Cellar, Three Phase, 8 way(s)
  - -02-T-1 [Sub Mains] - (V) -> DB2 (OFF PEAK) - (T)
  - --02-T-1 [Sub Mains] - (V) -> DB2 (OFF PEAK) - (T)
  - 03-T-1 [Sub Mains] - (V) -> DB4 - (T)
    - DB4, Second Floor Cupboard, Three Phase, 6 way(s)
      - 01-T-1 [Sub Mains] - (V) -> DB5 - (T)
        - DB5, Second Floor Cupboard, Three Phase, 6 way(s)
      - -01-T-1 [Sub Mains] - (V) -> DB5 - (T)
      - --01-T-1 [Sub Mains] - (V) -> DB5 - (T)
  - -03-T-1 [Sub Mains] - (V) -> DB4 - (T)
  - --03-T-1 [Sub Mains] - (V) -> DB4 - (T)
  - 04-T-1 [Sub Mains] - (V) -> DB3 - (T)
    - DB3, First Floor Lobby, Three Phase, 8 way(s)
  - -04-T-1 [Sub Mains] - (V) -> DB3 - (T)
  - --04-T-1 [Sub Mains] - (V) -> DB3 - (T)
  - 06-T-1 [Sub Mains] - (V) -> DB1 - (T)
    - DB1, Cellar, Three Phase, 12 way(s)
  - -06-T-1 [Sub Mains] - (V) -> DB1 - (T)
  - --06-T-1 [Sub Mains] - (V) -> DB1 - (T)

SECTION 3

DISTRIBUTION BOARD CIRCUIT CHARTS

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Cellar	Supply to distribution board is from	MAIN PANEL / 06-T-1	Associated RCD (if any)	
Distribution board designation	DB1	No of phases	3	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	60898 MCB	Rating	63 A
				BS(EN)	N/A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. current $I_{\Delta n}$ (mA)	Ω
01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L2-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L3-1	Sockets Bt And Comms	C	B	3	2.5	2.5	0.4	60898 MCB	C	16	10	-	1.37
03-L1-1	Socket Below Db	C	B	1	2.5	2.5	0.4	60898 MCB	C	20	10	-	1.09
03-L2-1	*Gents Hand Drier*	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L3-1	Photocopier Reception	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L1-1	Bt Spur	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L2-1	Way Not Used	-	-	-	-	-	-	60898 MCB	C	20	10	-	-
04-L3-1	Sockets Room 104 Lhs	A	E	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
05-L1-1	Sockets Room 104 Rhs	A	E	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
05-L2-1	Sockets Boardroom 101	A	E	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
05-L3-1	Sockets Room 102 Lhs	A	E	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
06-L1-1	Sockets Room 102 Rhs	A	E	3	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
06-L2-1	Sockets Room 103	A	E	LIM	4.0	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68
06-L3-1	Sockets Reception	A	E	4	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
07-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-07-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--07-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L2-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L3-1	Lights Cellar	C	B	12	1.5	1.5	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Cellar	Supply to distribution board is from	MAIN PANEL / 06-T-1	Associated RCD (if any)	
Distribution board designation	DB1	No of phases 3	Nominal Voltage 400 V	BS(EN)	N/A
		Overcurrent protective device for the distribution circuit		RCD No of poles	N/A
		Type BS(EN)	60898 MCB Rating 63 A	RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. curent $I_{\Delta n}$ (mA)	Ω
09-L1-1	Lights Reception	C	B	6	1.5	1.5	0.4	60898 MCB	C	6	10	-	3.64
09-L2-1	Gents Water Heater And Wall Heater	A	E	2	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
09-L3-1	Sockets Room 103	A	E	LIM	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37
10-L1-1	Lights Room 103 Hall Entrance	A	E	9	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
10-L2-1	Lights Gents Toilet Fan	A	E	3	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
10-L3-1	Intruder Alarm	A	E	1	2.5	1.5	0.4	60898 MCB	C	6	10	-	3.64
11-L1-1	Lights Room 104	A	E	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
11-L2-1	Lights Boardroom	A	E	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
11-L3-1	Door Access	A	E	1	2.5	1.5	0.4	60898 MCB	C	6	10	-	3.64
12-L1-1	Lights Room 102	A	E	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
12-L2-1	Lights Outside	A	E	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
12-L3-1	Fire Alarm	A	E	1	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 23709

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	Cellar	Supply to distribution board is from	MAIN PANEL / 02-T-1	Associated RCD (if any)
Distribution board designation	DB2 (OFF PEAK)	No of phases: 3	Nominal Voltage: 400 V	BS(EN): N/A
		Overcurrent protective device for the distribution circuit		RCD No of poles: N/A
		Type BS(EN): 60898 MCB	Rating: 63 A	RCD rating, $I_{\Delta n}$: N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. current $I_{\Delta n}$ (mA)	Ω
01-L1-1	Storage Heater Room 111	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
01-L2-1	Storage Heater Boardroom	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
01-L3-1	Storage Heater Room 102	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
02-L1-1	Storage Heater Room 111	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
02-L2-1	Storage Heater Boardroom	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
02-L3-1	Storage Heater Reception	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L1-1	Storage Heater Room 104	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L2-1	Storage Heater Room 110	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L3-1	Storage Heater Room 112	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L1-1	Storage Heater Room 111	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L2-1	Storage Heater Room 110	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
04-L3-1	Storage Heater Room 109	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
05-L1-1	Storage Heater Room 104	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
05-L2-1	Storage Heater Room 103	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
05-L3-1	Storage Heater Room 112	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
06-L1-1	Storage Heater Room 103	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
06-L2-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
06-L3-1	Storage Heater Room 102	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
07-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
07-L2-1	Storage Heater Room 103	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
07-L3-1	Storage Heater Reception	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
08-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L2-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L3-1	Storage Heater Reception	A	E	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	First Floor Lobby	Supply to distribution board is from	MAIN PANEL / 04-T-1	Associated RCD (if any)	
Distribution board designation	DB3	No of phases	3	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	60898 MCB	Rating	63 A
				BS(EN)	N/A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. current $I_{\Delta n}$ (mA)	Ω
01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--01-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
02-L2-1	Dishwasher And Fridge	E	B	2	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
02-L3-1	Toilet Water Heater Gents	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L1-1	Hand Drier Ladies Toilet	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
03-L2-1	Sockets Kitchen	E	B	5	4.0	1.5	0.4	60898 MCB	C	32	10	-	0.68
03-L3-1	Sockets Room 112	E	B	7	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
04-L1-1	Sockets Room 111	E	B	LIM	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
04-L2-1	Sockets Room 110	E	B	6	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
04-L3-1	Sockets Room 109	E	B	2	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--05-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
06-L1-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
06-L2-1	Kitchen Water Heater	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
06-L3-1	Gents Hand Drier	E	B	1	2.5	1.5	0.4	60898 MCB	C	20	10	-	1.09
07-L1-1	Lights Gents Toilet And Emergency Stairs	A	100	7	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
07-L2-1	Lights Kitchen And Ladies Toilet	A	100	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
07-L3-1	Lights Room 112	A	100	3	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
07-L3-2	Lights Room 112 Emergency	A	100	1	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
08-L1-1	Lights Room 111	A	100	3	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
08-L1-2	Lights Room 111 Emergency	A	100	1	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	First Floor Lobby	Supply to distribution board is from	MAIN PANEL / 04-T-1	Associated RCD (if any)	
Distribution board designation	DB3	No of phases 3	Nominal Voltage 400 V	BS(EN)	N/A
		Overcurrent protective device for the distribution circuit		RCD No of poles	N/A
		Type BS(EN) 60898 MCB	Rating 63 A	RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. current $I_{\Delta n}$ (mA)	Ω
08-L2-1	Lights Landing	A	100	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
08-L2-2	Lights Landing Emergencies	A	100	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
08-L3-1	Lights Rooms 110/109	A	100	5	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

MASTER 237097

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Second Floor Cupboard	Supply to distribution board is from	MAIN PANEL / 03-T-1	Associated RCD (if any)	
Distribution board designation	DB4	No of phases	3	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	60898 MCB	Rating	63 A
				BS(EN)	N/A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. curant $I_{\Delta n}$ (mA)	Ω
01-T-1	Sub Mains -> DB5	B	B	1	16	16	5	60898 MCB	C	40	10	-	0.55
-01-T-1	Sub Mains -> DB5	B	B	1	16	16	5	60898 MCB	C	40	10	-	0.55
--01-T-1	Sub Mains -> DB5	B	B	1	16	16	5	60898 MCB	C	40	10	-	0.55
02-L1-1	Sockets Room 107	E	B	12	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
02-L2-1	Sockets Room 106	E	B	LIM	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
02-L3-1	Sockets Room 105	E	B	LIM	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
03-L1-1	Lights Room 107	A	100	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
03-L2-1	Lights Room 106	A	100	2	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
03-L3-1	Lights Room 105	A	100	6	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
04-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
-04-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
--04-T-1	Spare	-	-	-	-	-	-	-	-	-	N/A	-	-
05-L1-1	Data Cabinet	E	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	-	2.74
05-L2-1	Sockets Room 107/108	E	B	5	4.0	1.5	0.4	60898 MCB	B	32	10	-	1.37
05-L3-1	Timeclock	A	100	1	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
06-L1-1	Lights Landing	A	100	6	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
06-L2-1	Lights Rooms 107/108	A	100	3	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64
06-L3-1	Lights Rear Stairs	A	100	4	1.5	1.0	0.4	60898 MCB	C	6	10	-	3.64

WIRING CODES

A	B	C	D	E	F	G	H	O
Thermoplastic insulated / sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

The following information shows the recommendations for this supply.

General	Distribution/final circuits - Cables correctly supported throughout their length. Back box for storage heater on second Floor landing needs re fixing.	Note
General	No access to main incoming supply	C3
DB1 / 02-L3-1	No access to complete test due to customer limitation	C3
DB1 / 03-L1-1	No RCD protection for socket outlets	C3
DB1 / 03-L3-1	Unable to trace circuit	C3
DB1 / 04-L1-1	No access to complete test due to customer limitation	C3
DB1 / 04-L3-1	No RCD protection for socket outlets	C3
DB1 / 05-L1-1	Zs reading higher than 80% of the maximum permitted Zs	C2
DB1 / 05-L1-1	No RCD protection for socket outlets	C3
DB1 / 05-L2-1	Zs reading above 100% of max Zs so too high for disconnection in the required time	C2
DB1 / 05-L2-1	No RCD protection for socket outlets	C3
DB1 / 05-L3-1	Zs reading higher than 80% of the maximum permitted Zs	C2
DB1 / 05-L3-1	No RCD protection for socket outlets	C3
DB1 / 06-L1-1	No RCD protection for socket outlets	C3
DB1 / 06-L2-1	Zs reading higher than 80% of the maximum permitted Zs	C2
DB1 / 06-L2-1	No access to complete test due to customer limitation	C3
DB1 / 06-L3-1	Zs reading above 100% of max Zs so too high for disconnection in the required time	C2
DB1 / 06-L3-1	No RCD protection for socket outlets	C3
DB1 / 09-L2-1	2 spurs are connected wrong . Flex for heater is fed off the live side . And second spur is fed via fuse of first spur.	C2
DB1 / 09-L3-1	No access to complete test due to customer limitation	C3
DB1 / 11-L3-1	No access to complete test due to height	C3
DB2 (OFF PEAK)	This is an off peak board with no over ride . Dead tests only .	Note
DB3 / 03-L2-1	Zs reading higher than 80% of the maximum permitted Zs	C2
DB3 / 03-L2-1	No RCD protection for socket outlets	C3
MAIN PANEL / 04-T-1	Zs reading higher than 80% of the maximum permitted Zs	C2
MAIN PANEL / 06-T-1	Zs reading higher than 80% of the maximum permitted Zs	C2