



Electrical Compliance Services  
Electrical Remedial Works  
Reactive & Planned Maintenance  
Fire Alarm Testing  
Emergency Lighting Testing  
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INSTALLATION TEST REPORT

FOR

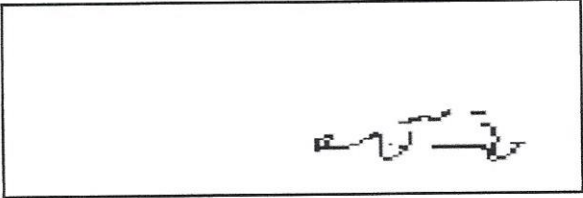
Spencer House  
3 Spencer Parade  
Northampton  
NN1 5AA

CERTIFICATE DATE: 04/07/2018

SECTION 1: ELECTRICAL INSTALLATION CONDITION REPORT  
SECTION 2: SYSTEM DISTRIBUTION SCHEMATIC  
SECTION 3: DISTRIBUTION BOARD CIRCUIT CHARTS

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** 04/07/2018

## CUSTOMER ACCEPTANCE



Electrical Compliance Services  
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# ELECTRICAL INSTALLATION CONDITION REPORT

## SECTION 1



Electrical Remedial Works  
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# ELECTRICAL INSTALLATION CONDITION REPORT

MASTER 237098



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

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

## 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:  
 04/07/2018

## C. DETAILS OF THE INSTALLATION

Occupier: N/A  
 Address: Spencer House  
 3 Spencer Parade  
 Northampton  
 Postcode: NN1 5AA

Description of premises:  
 Commercial  
 Evidence of alterations or additions:  If yes  
 If no, estimated age: 10 years

Estimated age of the electrical installation: 30 years  
 Date of previous inspection: 04/07/2018  
 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 )

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 in good condition. Accessories ageing but acceptable. No RCDs on the installation at all.

Summary of the condition of the installation continued on additional pages?

No  Yes  Specify Page -

Overall assessment 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)

This report is based on the model forms shown in Appendix 6 of BS7671. Copyright The Electrical Safety Council (July 2011)

ELECTRICAL INSTALLATION CONDITION REPORT

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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:

The following observations and recommendations for action are made

There are no items adversely affecting electrical safety or - or -

Item No	Observations	Classification Code (*)	Further Investigation Required
1	Distribution equipment - Presence of non-standard (mixed) cable colour warning notice at or near equipment where required [General]	Note	N/A
2	No access to main incoming supply [General]	C3	N/A
3	Cable type is FP200 [DB 00 / 04-L3-1]	Note	N/A
4	No RCD protection for socket outlets [DB 00 / 05-L3-1]	C3	N/A
5	No RCD protection for socket outlets [DB 00 / 06-L1-1]	C3	N/A
6	High continuity and Zs readings [DB1 / 02-L1-1]	C2	N/A
7	Accessories showing signs of age / deterioration [DB1 / 02-L2-2]	C3	N/A
8	No access to complete test due to customer limitation. Multiple working offices. [DB1 / 04-L1-1]	C3	N/A
9	No access to complete test due to customer limitation [DB1 / 05-L1-1]	C3	N/A
10	No RCD protection for socket outlets [DB2]	C3	N/A
11	Incorrect IP rating for point by sink [DB2 / 04-L2-1]	C2	N/A
12	No RCD protection for socket outlets [DB3]	C3	N/A

Additional Pages? No  Yes  - Specify page No(s)

\* 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

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:

REPORT REVIEWED AND CONFIRMED BY:

Signature:

Signature:

Name:

Name:

Position:

Electrical Tester

Date:

04/07/2018

Date:

09-Jul-2018

(Registered Qualified Supervisor for the Approved Contractor at)

Graham Ladds

**ELECTRICAL INSTALLATION CONDITION REPORT**

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**H. SCHEDULES AND ADDITIONAL PAGES**

Inspection Schedule: Page(s) No 4, 5, 6	Additional pages, including additional source(s) data sheets: Page No(s) 7
Schedule of Circuit Details for the Installation: Page No(s) 7 - 13 odd	Schedule of Test Results for the Installation: Page No(s) 8 - 14 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 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 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  
 Email Address: info@calbarrie.com  
 Enrolment number: 000367-006  
 Branch number: 000367-006  
 Postcode: GL51 9NN

**K. 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	1-Phase (2 wire) a.c.	Nominal voltage(s) U <sub>n</sub> 400 V U <sub>o</sub> 230 V	1361 Fuse HBC
TN-C-S	1-Phase (2 wire) a.c.	Nominal frequency, f 50 Hz	Type 1
TN-C	2-Phase (3 wire) a.c.	Prospective fault current, I <sub>pf</sub> 19.9 kA	Rated current 60 A
TT	3-Phase (3 wire) a.c.	External earth fault loop impedance, Z <sub>e</sub> LTM	Short-circuit capacity 0 kA
IT	Other	Number of sources 1	Confirmation of supply polarity ✓

**L. PARTICULARS OF INSTALLATION AT THE ORIGIN**

Means of earthing	Location	Method of measurement	Installation earth electrode
Distributors ✓	-	U	-
Facility	-	-	-
Type (eg rod(s), tape(s) etc)	-	-	-
Resistance, RA	-	-	-

Details of installation earth electrode (where applicable)

Main Switch or Circuit-Breaker	Earthing conductor	Main protective bonding conductors	Earthing and Protective Bonding Conductors
Type N/A	Conductor material Copper	Conductor material Copper	Water service ✓ Gas service ✓ Structural steel N/A Other incoming services N/A
Rated rating N/A	Conductor csa 16 mm <sup>2</sup>	Conductor csa 16 mm <sup>2</sup>	Oil service N/A Lightning protection N/A Specify N/A
Rated current N/A	Conductor csa 16 mm <sup>2</sup>	Conductor csa 16 mm <sup>2</sup>	Bonding of extraneous conductive parts
RCD Operating current, In N/A	Connection / continuity verified ✓	Connection / continuity verified ✓	
Rated time delay N/A	Connection / continuity verified ✓	Connection / continuity verified ✓	
RCD Operating time at, In ms N/A	Connection / continuity verified ✓	Connection / continuity verified ✓	

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

# ELECTRICAL INSTALLATION CONDITION REPORT

MASTER 237098

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## INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

**Item Description**

1.0	Condition/adequacy of distributor's/supply intake equipment	TICK	-
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	N/A	-
3.1	Main earthing and bonding arrangements	TICK	-
	• Presence and condition of distributor's earthing arrangement	N/A	-
	• Presence and condition of earth electrode arrangement	TICK	-
	• Adequacy of earthing conductor size	TICK	-
	• Adequacy of earthing conductor connections	TICK	-
	• Adequacy of earthing conductor connections	TICK	-
	• Adequacy of main protective bonding conductor connections	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 separation	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 employed, 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 separation 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	N/A	-
5.13	RCD(s) provided for additional protection - includes RCBOs	CZ	-

Outcome Location Reference

\* All boxes must be completed  
 ✓ indicates acceptable condition  
 LTM 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)

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

ELECTRICAL INSTALLATION CONDITION REPORT

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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 reset notice at or near equipment where required	N/A	-
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)	TICK	-
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 conductors 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	TICK	-
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	N/A	-
6.16	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage	LIM	-
6.17	<ul style="list-style-type: none"> <li>installed in prescribed zones (see Section D. Extent and limitations)</li> <li>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)</li> </ul>	LIM	-

6.17	Provision of additional protection by 30 mA RCD	-	-
6.18	<ul style="list-style-type: none"> <li>for mobile equipment not exceeding a rating of 32 A for use outdoors</li> <li>for all socket-outlets of rating 20 A or less, unless exempt</li> <li>for cables installed in walls / partitions at a depth of less than 50 mm</li> <li>for cables installed in walls / partitions containing metal parts regardless of depth</li> </ul>	C2	-
6.18	Provision of fire barriers, sealing arrangements and protection against thermal effects	TICK	-
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)	-	-
6.22	<ul style="list-style-type: none"> <li>Connections under no undue strain</li> <li>No basic insulation of a conductor visible outside an enclosure</li> <li>Connections of live conductors adequately enclosed</li> <li>Adequacy of connection at point of entry to enclosure (glan, bush or similar)</li> </ul>	TICK	-
6.23	General condition of wiring systems	TICK	-
6.24	Temperature rating of cable insulation	TICK	-
6.25	Condition of accessories including socket-outlets, switches and joint boxes	TICK	-
6.26	Suitability of accessories for external influences	TICK	-
6.27	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



INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome	Location Reference
7.0	Isolation and switching	-	-
7.1	Isolators	-	-
	<ul style="list-style-type: none"> <li>presence and condition of appropriate devices</li> <li>acceptable location (state if local or remote)</li> <li>capable of being secured in the OFF position</li> <li>correct operation verified</li> <li>clearly identified by position and/or durable marking(s)</li> <li>warning label posted in situations where live parts cannot be isolated by the operation of a single device</li> </ul>	TICK	TICK
7.2	Switching off for mechanical maintenance	-	-
	<ul style="list-style-type: none"> <li>presence and condition of appropriate devices</li> <li>acceptable location</li> <li>capable of being secured in the OFF position</li> <li>correct operation verified</li> <li>clearly identified by position and/or durable marking(s)</li> </ul>	TICK	TICK
7.3	Emergency switching/stopping	-	-
	<ul style="list-style-type: none"> <li>presence and condition of appropriate devices</li> <li>readily accessible for operation where danger might occur</li> <li>correct operation verified</li> <li>clearly identified by position and/or durable marking(s)</li> </ul>	TICK	TICK
7.4	Functional Switching	-	-
	<ul style="list-style-type: none"> <li>presence and condition of appropriate devices</li> <li>clearly identified by position and/or durable marking(s)</li> </ul>	TICK	TICK
8.0	Current-using equipment (permanently connected)	-	-
8.1	Condition of equipment in terms of IP rating	TICK	-
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	-
8.7	Recessed luminaires (e.g. downlighters) <ul style="list-style-type: none"> <li>correct type of lamps fitted</li> <li>installed to minimise build up of heat by use of "fire rated" fixings, insulation displacement box or similar</li> </ul>	N/A	N/A
9.0	Location(s) containing a bath or shower <ul style="list-style-type: none"> <li>no signs of overheating to surrounding building fabric</li> <li>no signs of overheating to conductors/terminations</li> </ul>	N/A	N/A
9.1	Additional protection by RCD not exceeding 30 mA <ul style="list-style-type: none"> <li>for low voltage circuits serving the location</li> <li>for low voltage circuits passing through Zone 1 and Zone 2 not serving the location</li> </ul>	N/A	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	-
10.0	Other special installations or locations <p>List special locations present, if any. List the results of particular inspections applied (a separate page is required for each location).</p>	-	-

\* All boxes must be completed  
 ✓ indicates acceptable condition  
 LTM indicates a limitation  
 N/A indicates not applicable  
 (to determine whether danger or potential danger exists)  
 Further investigation required state F/I  
 state C3  
 state C1 or C2  
 Unacceptable condition  
 Improvement recommended  
 Acceptable condition  
 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 I 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](http://www.esc.org.uk)

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

TO BE COMPLETED IN EVERY CASE

Location of distribution board	Cellar
Distribution board designation	DB 00
Supply to distribution board is from	Authority Supply
No of phases	3
Nominal Voltage	400 V
Type BS(EN)	N/A
Overcurrent protective device for the distribution circuit	Rating N/A
Associated RCD (if any)	BS(EN) N/A
RCD No of poles	N/A
RCD rating, I <sub>Δn</sub>	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		Max. permitted disconnection time s	Overcurrent protective device			RCD	
					mm <sup>2</sup> Live	mm <sup>2</sup> CPC		BS(EN) Type	Rating (A)	Short circuit capa- city (kA)		Op. current (mA)
01-T-1	Spare	-	-	-	-	-	-	-	-	-	-	
01-T-1	Spare	-	-	-	-	-	-	-	-	-	-	
--01-T-1	Spare	-	-	-	-	-	-	-	-	-	-	
02-T-1	Spare	-	-	-	-	-	-	-	-	-	-	
--02-T-1	Spare	-	-	-	-	-	-	-	-	-	-	
03-T-1	Spare	-	-	-	-	-	-	-	-	-	-	
--03-T-1	Spare	-	-	-	-	-	-	-	-	-	-	
04-L1-1	Intercom	E	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	2.74
04-L2-1	Boiler Control	E	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	2.74
04-L3-1	Fire Alarm	O	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	2.74
05-L1-1	Spare	-	-	-	-	-	-	-	-	-	-	-
05-L2-1	Spare	-	-	-	-	-	-	-	-	-	-	-
05-L3-1	Socket Stores	F	C	1	2.5	2.5	0.4	60898 MCB	B	20	10	2.19
06-L1-1	Sub Mains -> DB1	F	C	1	10	10	5	60898 MCB	B	50	10	0.87
06-L2-1	Sub Mains -> DB2	F	C	1	10	10	5	60898 MCB	B	50	10	0.87
06-L3-1	Sub Mains -> DB3	F	C	1	10	10	5	60898 MCB	B	50	10	0.87

WIRING CODES

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

**SCHEDULE OF TEST RESULTS FOR THE INSTALLATION**

MASTER 237098

**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  Operating times of  At I<sub>A</sub><sup>n</sup>  ms  
 Ipf  kA associated RCD (if any)  At S1<sub>A</sub><sup>n</sup>  ms (if applicable)

Earth fault loop impedance  RCD

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Continuity  Other

Insulation resistance  Other

**TEST RESULTS**

Circuit number and phase	Ring final circuits only (measured end to end)		All circuits (At least one column to be completed)		Insulation resistance		p t a l l i n g e a r t h l o o p i m p e d a n c e	Maximum measured earth fault loop impedance Zs	See Note below	Operating Times	At I <sub>A</sub> <sup>n</sup> (if applicable) ms	At S1 <sub>A</sub> <sup>n</sup> ms	Test Button Operation <input checked="" type="checkbox"/>	
	T <sub>1</sub> (Line)	T <sub>n</sub> (Neutral)	T <sub>2</sub> (cpc)	R <sub>1</sub> + R <sub>2</sub>	R <sub>2</sub>	Line / Line								Line / Earth
01-T-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-01-T-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-01-T-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02-T-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-02-T-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-02-T-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03-T-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-03-T-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-03-T-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04-L-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04-L-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04-L-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04-L-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04-L-3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05-L-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05-L-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05-L-3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06-L-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06-L-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06-L-3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Name Peter Dolloway  
 Position Electrical Tester  
 Date of testing 04/07/2018

Note: Where the insulation 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.

BOARD DETAILS		TO BE COMPLETED IN EVERY CASE	
Location of distribution board Lower Ground Floor Corridor	Supply to distribution board is from DB 00 / 06-L1-1	Associated RCD (if any) N/A	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
Distribution board designation DB1	No of phases 1 Nominal Voltage 230 V	RCD No of poles N/A	
	Type 60898 MCB Rating 50 A	RCD rating, I <sub>Δn</sub> N/A mA	

CIRCUIT DETAILS														
Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of served points	Live	Circuit conductors	Max. permitted disconnection time	BS(EN)	Type No	Rating (A)	Short circuit capacity (kA)	Op. current (mA)	RCD	Max. permitted Zs
01-L1-1	Lights Rear And Corridor	A	100	9	1.0	1.0	0.4	60898 MCB	B	6	6	-	-	7.29
02-L1-1	Lights Rear	A	100	11	1.0	1.0	0.4	60898 MCB	B	6	6	-	-	7.29
02-L1-2	Emergencies	A	100	4	1.0	1.0	0.4	60898 MCB	B	6	6	-	-	7.29
03-L1-1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-
04-L1-1	Sockets Rear	A	102	20	2.5	1.5	0.4	60898 MCB	B	32	6	-	-	1.37
05-L1-1	Sockets Rear and Corridor	A	102	25	2.5	1.5	0.4	60898 MCB	B	32	6	-	-	1.37
06-L1-1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-
07-L1-1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-
08-L1-1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES							
A	B	C	D	E	F	G	H
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
0							0

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

MASTER 237098

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

Zs 0.40 Operating times of associated RCD (if any) At 1 A<sup>n</sup> At 5 A<sup>n</sup> (if applicable)

Ipf 1.2 KA RCD (if any) At 5 A<sup>n</sup> At 1 A<sup>n</sup> (if applicable)

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance 810/5152 RCD

Insulation resistance 3219042 Other

Continuity 810/5152 RCD Other

TEST RESULTS

Circuit number and phase	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Insulation resistance	p t r a l l y	Maximum earth fault loop impedance Zs	Operating Times	Test Button Operation			
	T <sub>1</sub> (line)	T <sub>n</sub> (Neutral)	T <sub>2</sub> (cpc)	R <sub>1</sub> + R <sub>2</sub>	R <sub>2</sub>								
01-L1-1	-	-	-	0.54	-	LIM	200+	200+	✓	0.93	-	-	N/A
02-L1-1	-	-	-	77.8	-	LIM	200+	200+	✓	3.29	-	-	N/A
02-L1-2	-	-	-	0.42	-	LIM	200+	200+	✓	0.84	-	-	N/A
03-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-
04-L1-1	LIM	LIM	LIM	LIM	-	LIM	LIM	LIM	✓	0.80	-	-	N/A
05-L1-1	LIM	LIM	LIM	LIM	-	LIM	LIM	LIM	✓	0.73	-	-	N/A
06-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-
07-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-
08-L1-1	-	-	-	-	-	-	-	-	-	-	-	-	-

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

04/07/2018



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	1st Floor Landing	Supply to distribution board is from	DB 00 / 06-L2-1
Distribution board designation	DB2	No of phases	1
		Overcurrent protective device for the distribution circuit	60898 MCB Rating 50
		Type BS(EN)	A
		Associated RCD (if any)	BS(EN) N/A
		RCD No of poles	N/A
		RCD rating, I <sub>Δn</sub>	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		Max. permitted disconnection time s	Overcurrent protective device			RCD	Max. permitted Zs	
					mm <sup>2</sup>	mm <sup>2</sup>		Type	Rating	Short circuit capacity (kA)			Op. current (mA)
01-L2-1	Water Heater Ladies Toilet	A	100	1	2.5	1.5	0.4	60898 MCB	B	16	6	-	2.74
02-L2-1	Sockets 1st Floor	A	100	6	2.5	1.5	0.4	60898 MCB	B	32	6	-	1.37
03-L2-1	Sockets 1st Floor	A	100	16	2.5	1.5	0.4	60898 MCB	B	32	6	-	1.37
04-L2-1	Sockets 2nd Floor	A	100	14	2.5	1.5	0.4	60898 MCB	B	32	6	-	1.37
05-L2-1	Lights 2nd Floor	A	100	9	1.0	1.0	0.4	60898 MCB	B	6	6	-	7.29
05-L2-2	Emergencies	A	100	5	1.0	1.0	0.4	60898 MCB	B	6	6	-	7.29
06-L2-1	Lights 1st Floor	A	100	11	1.0	1.0	0.4	60898 MCB	B	6	6	-	7.29
07-L2-1	Spare	-	-	-	-	-	-	-	-	-	-	-	-
08-L2-1	Spare	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

**SCHEDULE OF TEST RESULTS FOR THE INSTALLATION**

MASTER 237098

**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

Operating times of associated RCD (if any)  ms

At  $I_{A^n}$   ms

At  $5I_{A^n}$  (if applicable)  ms

Earth fault loop impedance

Insulation resistance

Continuity

Other

Other

TEST INSTRUMENTS (SERIAL NUMBERS) USED

RCD

Other

Other

**TEST RESULTS**

**TEST RESULTS**

Circuit number and phase

0	Circuit impedances		R2	R1 + R2	T <sub>2</sub> (pc)	T <sub>n</sub> (Neutral)	T <sub>1</sub> (Line)	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	p o l a r i t y	See Note below Z <sub>s</sub>	Maximum measured earth fault loop impedance Z <sub>s</sub>	Operating Times	At $I_{A^n}$ ms	At $5I_{A^n}$ (if applicable) ms	Test Button Operation <input checked="" type="checkbox"/>
	Line / Line	Line / Neutral								Line / Earth	Neutral / Earth									

01-L2-1	-	-	-	0.19	-	-	LIM	200+	200+	✓	0.43	-	-	N/A
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02-L2-1	0.68	0.68	1.12	0.45	-	-	LIM	200+	200+	✓	0.44	-	-	N/A
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03-L2-1	0.75	0.72	1.32	N/A	-	-	LIM	200+	200+	✓	0.55	-	-	N/A
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04-L2-1	LIM	LIM	LIM	LIM	-	-	LIM	LIM	LIM	✓	0.46	-	-	N/A
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05-L2-1	-	-	-	0.41	-	-	LIM	200+	200+	✓	0.66	-	-	N/A
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05-L2-2	-	-	-	0.46	-	-	LIM	200+	200+	✓	0.72	-	-	N/A
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06-L2-1	-	-	-	0.75	-	-	LIM	200+	200+	✓	0.99	-	-	N/A
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07-L2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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08-L2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Name

Position

Date of testing

BOARD DETAILS		TO BE COMPLETED IN EVERY CASE	
<p>Supply to distribution board is from</p> <p>DB 00 / 06-B-1</p> <p>Associated RCD (if any)</p> <p>BS(EN) N/A</p> <p>RCD No of poles N/A</p> <p>RCD rating, <math>I_{\Delta n}</math> ma N/A</p>	<p>Location of distribution board</p> <p>Ground Floor Corridor</p>	<p>Distribution board designation</p> <p>DB3</p>	<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p>

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Circuit conductors		Max. permitted disconnection time	Overcurrent protective device			RCD	Max. permitted Zs	
					live	mm <sup>2</sup>		Type	Rating	Short circuit capacity (kA)			Op. current (mA)
01-B-1 Sockets		A	103	6	2.5	1.5	0.4	60898 MCB	B	32	6	-	1.37
02-B-1 Sockets Corridor and Office 2		A	103	11	2.5	1.5	0.4	60898 MCB	B	32	6	-	1.37
02-B-2 Socket Office 2		A	103	11	2.5	1.5	0.4	60898 MCB	B	32	6	-	1.37
03-B-1 Sockets Office 3		A	103	5	2.5	1.5	0.4	60898 MCB	B	32	6	-	1.37
04-B-1 Lights Ground Floor Office 3		A	100	2	1.0	1.0	0.4	60898 MCB	B	6	6	-	7.29
04-B-2 Lights Ground Floor Office 2 And Entrance		A	100	3	1.0	1.0	0.4	60898 MCB	B	6	6	-	7.29
05-B-1 Lights Basement		H	c	10	1.0	1.0	0.4	60898 MCB	B	6	6	-	7.29
06-B-1 Lights Corridor/disabled Toilet		A	100	5	1.0	1.0	0.4	60898 MCB	B	6	6	-	7.29
06-B-2 Lights Emergencies		A	100	12	1.0	1.0	0.4	60898 MCB	B	6	6	-	7.29
07-B-1 Intruder Alarm		A	102	1	2.5	1.5	0.4	60898 MCB	B	16	6	-	2.74
08-B-1 Spare		-	-	-	-	-	-	-	-	-	N/A	-	-

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

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

Earth fault loop impedance  RCD

Insulation resistance  Other

Continuity  Other

Zs  Operating times of  ms

Ipf  RCD (if any) associated  ms (if applicable)

TEST RESULTS

Circuit number and phase	Circuit impedances			Insulation resistance	p o l a r i t y	Maximum measured earth fault loop impedance Zs	Operating Times	RCD
	Ring final circuits only (measured from end to end)	All circuits (at least one column to be completed)						
01-B-1	0.39	0.39	1.41	N/A	M 0	0.45	✓	N/A
02-B-1	0.26	0.27	0.60	N/A	M 0	0.48	✓	N/A
02-B-2	-	-	0.28	-	M 0	0.50	✓	N/A
03-B-1	0.56	0.56	1.29	0.46	M 0	0.55	✓	N/A
04-B-1	-	-	0.77	-	M 0	0.98	✓	N/A
04-B-2	-	-	0.45	-	M 0	0.66	✓	N/A
05-B-1	-	-	0.70	-	M 0	0.90	✓	N/A
06-B-1	-	-	0.94	-	M 0	1.16	✓	N/A
06-B-2	-	-	0.57	-	M 0	0.78	✓	N/A
07-B-1	-	-	N/A	0.07	M 0	0.29	✓	N/A
08-B-1	-	-	-	-	M 0	-	-	-

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

*[Signature]*

Position

Electrical Tester

Date of testing

04/07/2018

Name

Peter Dolloway

# SYSTEM DISTRIBUTION SCHEMATIC

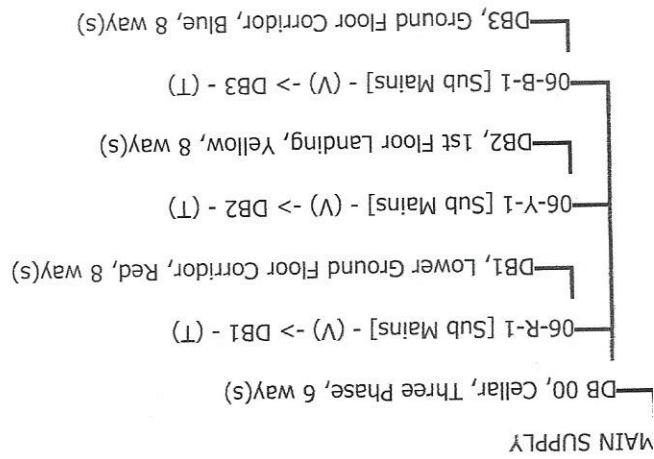
## SECTION 2



Electrical Compliance Services  
Electrical Remedial Works  
Reactive & Planned Maintenance  
Fire Alarm Testing  
Emergency Lighting Testing  
[www.albarrie.com](http://www.albarrie.com)

# DISTRIBUTION SCHEMATIC FOR

Spencer House  
3 Spencer Parade  
Northampton  
NN1 5AA



# DISTRIBUTION BOARD CIRCUIT CHARTS

## SECTION 3



Electrical Compliance Services  
Electrical Remedial Works  
Reactive & Planned Maintenance  
Fire Alarm Testing  
Emergency Lighting Testing  
[www.calbarrie.com](http://www.calbarrie.com)

SCHEDULE OF CIRCUIT DETAILS FOR THE BOARD

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

TO BE COMPLETED IN EVERY CASE

Location of distribution board	Cellar
Distribution board designation	DB 00
Supply to distribution board is from	Authority Supply
No of phases	3
Nominal Voltage	400 V
Overcurrent protective device for the distribution circuit	Type BS(EN) N/A Rating N/A
Associated RCD (if any)	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 served points	Circuit conductors			Max. permitted disconnection time s	Overcurrent protective device			RCD	Op. current (mA)	Max. permitted Zs
					mm <sup>2</sup> cpc	mm <sup>2</sup> live	mm <sup>2</sup> n/c		Type	Rating (A)	Short circuit capa- city (kA)			
01-T-1 Spare														
-01-T-1 Spare														
-01-T-1 Spare														
02-T-1 Spare														
-02-T-1 Spare														
-02-T-1 Spare														
03-T-1 Spare														
-03-T-1 Spare														
-03-T-1 Spare														
04-L-1 Intercom	60898 MCB	B	E	1	2.5	1.5	0.4		B	16	10			2.74
04-L-2 Boiler Control	60898 MCB	B	E	1	2.5	1.5	0.4		B	16	10			2.74
04-L-3 Fire Alarm	60898 MCB	B	O	1	2.5	1.5	0.4		B	16	10			2.74
05-L-1 Spare														
05-L-2 Spare														
05-L-3 Socket Stores	60898 MCB	B	F	1	2.5	2.5	0.4		B	20	10			2.19
06-L-1 Sub Mains -> DB1	60898 MCB	B	F	1	10	10	5		B	50	10			0.87
06-L-2 Sub Mains -> DB2	60898 MCB	B	F	1	10	10	5		B	50	10			0.87
06-L-3 Sub Mains -> DB3	60898 MCB	B	F	1	10	10	5		B	50	10			0.87

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 cables / SWA	XLPF / SWA cables	Mineral insulated cables	Other



BOARD DETAILS		CIRCUIT DETAILS	
TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		TO BE COMPLETED IN EVERY CASE	
Location of distribution board Lower Ground Floor Corridor	Distribution board designation DB1	Supply to distribution board is from DB 00 / 06-L1-1	No of phases 1 Nominal Voltage 230 V
Associated RCD (if any) N/A	RCD No of poles N/A	Overcurrent protective device for the distribution circuit 60898 MCB Rating 50 A BS(EN) Type N/A	RCD rating, I <sub>n</sub> N/A mA

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method	No of points served	Live conductors	mm <sup>2</sup> cpc	mm <sup>2</sup> Live	Max. permitted disconnection time s	BS(EN) Type	Rating	Type No	Rating (A)	Short circuit capacity (kA)	Op. current (mA)	Max. permitted Is
01-L1-1	Lights Rear And Corridor	A	100	9	1.0	1.0	1.0	0.4	60898 MCB	B	6	6	6	-	7.29
02-L1-1	Lights Rear	A	100	11	1.0	1.0	1.0	0.4	60898 MCB	B	6	6	6	-	7.29
02-L1-2	Emergencies	A	100	4	1.0	1.0	1.0	0.4	60898 MCB	B	6	6	6	-	7.29
03-L1-1	Spare	-	-	-	-	-	-	-	-	-	-	-	N/A	-	-
04-L1-1	Sockets Rear	A	102	20	2.5	1.5	0.4	60898 MCB	B	32	6	6	6	-	1.37
05-L1-1	Sockets Rear and Corridor	A	102	25	2.5	1.5	0.4	60898 MCB	B	32	6	6	6	-	1.37
06-L1-1	Spare	-	-	-	-	-	-	-	-	-	-	-	N/A	-	-
07-L1-1	Spare	-	-	-	-	-	-	-	-	-	-	-	N/A	-	-
08-L1-1	Spare	-	-	-	-	-	-	-	-	-	-	-	N/A	-	-

WIRING CODES

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