

# TIS 1903 DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

(FOR A SINGLE DWELLING) Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

## A) DETAILS OF THE CLIENT

Client & Address **M. VALIANI**  
**17 MERCHISTON AVENUE**  
**EDINBURGH** Postcode

## B) PURPOSE OF THE INSTALLATION

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

Purpose for which the report is required **ELECTRICAL SAFETY**

Date(s) on which inspection and testing were carried out **27 JANUARY 2017**

## C) DETAILS OF THE INSTALLATION

Occupier & Address **173 (2/F) BRUNTSFIELD PLACE**  
**EDINBURGH** Postcode **EH10 4DG**

Estimated age of the electrical installation **30** years Description of premises: domestic, commercial, industrial, other **DOMESTIC** Evidence of alterations or additions **Y** If yes estimated age **06** years

Date of previous inspection Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No **SF501-01-17**

Records of installation available **N** Records held by

## D) EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report  
**COMPLETE INSTALLATION**

Agreed limitations including the reasons, if any, on the inspection and testing  
**NONE**

Agreed with

Operational limitations including the reasons (see page number )

The inspection and testing have been carried out in accordance with BS 7671, 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 unless specifically agreed between the client and inspector prior to inspection.

## E) SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of Electrical safety)

**INSTALLATION OF FAIRLY GOOD CONDITION. PARTIAL UPGRADE/REWIRE OF PREMISES HAS BEEN CARRIED OUT.**

Summary of the condition of the installation continued on additional pages? No Yes Specify page number(s)

Overall assessment of the installation **SATISFACTORY / UNSATISFACTORY\***  
(Delete as appropriate)

\*An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that further investigation without delay (F1) is required

\* The completed report should preferably be reviewed by another skilled person, competent to confirm that the declared overall condition of the electrical installation is consistent with the inspection and test results, and with the observations and recommendations for action (if any) made in the report.

Please see the 'Notes for Recipients' on the reverse of this page.

**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 | Code <sup>T</sup> |
|---------|--------------|-------------------|
| 1       |              |                   |
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|         |              |                   |
|         |              |                   |

Additional pages? No  Yes \_\_\_\_\_ Specify page number(s) \_\_\_\_\_

<sup>T</sup> 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 remedial action required.

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

**Code C3** 'Improvement required'

**Code F1** 'Further investigation required without delay'

Please see the reverse of this page for guidance regarding the Classification codes

- Immediate remedial action required for items
- Urgent remedial action required for items
- Further investigation required without delay for items
- Improvement recommended for items

**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 on 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) 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 overall assessment of the installation in terms of its suitability for continued use is **SATISFACTORY / ~~UNSATISFACTORY~~\*** (Delete as appropriate) (see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I)

\*An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that further investigation without delay (F1) is required

**INSPECTION, TESTING AND ASSESSMENT BY:**

Signature Husein Sulaiman

Name (Capitals) HUSEIN SULAIMAN

Position ELECTRICIAN

Date 27/01/17

**REPORT REVIEWED AND CONFIRMED BY:**

Signature \_\_\_\_\_

Name (Capitals) \_\_\_\_\_

Date \_\_\_\_\_

\* The completed report should preferably be reviewed by another skilled person, competent to confirm that the declared overall condition of the electrical installation is consistent with the inspection and test results, and with the observations and recommendations for action (if any) made in the report.



## H) SCHEDULES AND ADDITIONAL PAGES

Inspection Schedule: Page No's 4, 5 & 6

Additional pages, including additional source(s) data sheets:

Page No(s)

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

Schedule of Test Results for the Installation:

Page No(s) 8

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

## I) NEXT INSPECTION

I ~~do~~ recommend that this installation is further inspected and tested after an interval of not more than

**THREE 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) have been remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or F1 (further investigation required without delay) are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F1).

## J) DETAILS OF CONTRACTOR

Trading Title

**SCOTFIT**

Address

**15 SPRINGWELL PLACE**

**EDINBURGH**

**EH11 2HZ**

Telephone No

**07718670768**

Email Address

## K) SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Tick boxes and enter details, as appropriate

| System Type(s)                             | Number and Type of Live Conductors                   |                  | Number and Type of Live Conductors                      |                   | Characteristics of Primary Supply Overcurrent Protective Device(s) |   |
|--|--|------------------|---|-------------------|--|---|
| TN-S                                       | a.c. <input checked="" type="checkbox"/>             | 1-phase (3 wire) | Nominal voltage(s): U <sub>n</sub> (V)                  | <b>240</b> V U-14 | BS(EN)   | <b>1361</b>                             |
| TN-C-S <input checked="" type="checkbox"/> | 1-phase (2 wire) <input checked="" type="checkbox"/> | 3-phase (4 wire) | Nominal frequency: f (Hz)                               | <b>50</b> Hz      | Type   | <b>II</b>                               |
| TT   | 2-phase (3 wire)                                     | Other            | Prospective fault current: I <sub>p</sub> (kA)          | <b>1.39</b> kA    | Rated current  | <b>80</b> A                             |
|  | 3-phase (3 wire)                                     |                  | External earth fault loop impedance: Z <sub>e</sub> (Ω) | <b>0.17</b> Ω     | Short-circuit capacity   | <b>33</b> kA                            |
|  |  |                  | Number of sources                                       | <b>01</b>         | Confirmation of supply polarity                                    | <input checked="" type="checkbox"/> (✓) |

## PARTICULARS OF INSTALLATION AT THE ORIGIN

Tick boxes and enter details, as appropriate

| Means of Earthing   |  | Details of Installation Earth Electrode (where applicable) |   |
|---|--|--|---|
| Distributor's facility <input checked="" type="checkbox"/>                          | Type: (eg rod(s), tape etc)              | Location   | <b>N/A</b>                              |
| Installation earth electrode  | Electrode resistance: R <sub>A</sub> (Ω) | Method of measurement                                      |   |
| Main Switch/Switch-Fuse/Circuit-Breaker/RCD   |  | Maximum Demand (Load)                                      | <b>60</b> kVA                           |
| Type BS(EN)   | <b>609673</b>                            | Protective measures against electric shock                 |   |
| Voltage Rating  | <b>240</b> V                             | Delete as appropriate                                      |   |
| No of poles   | <b>02</b>                                | Earthing and Protective Bonding Conductors                 |   |
| Rated current: I <sub>b</sub>   | <b>100</b> A                             | Main protective bonding conductor                          |   |
| RCD operating current: I <sub>Δn</sub> (mA)   |  | Conductor material   | <b>COPPER</b>                           |
| RCD operating time: t <sub>Δn</sub> (ms)  |  | Conductor size   | <b>16</b> mm <sup>2</sup>               |
| Rated time delay  |  | Continuity/connection verified                             | <input checked="" type="checkbox"/> (✓) |
| Primary Supply Conductors material  | <b>COPPER</b>                            | Bonding of extraneous-conductive-parts (✓)                 |   |
| Primary Supply Conductors size  | <b>25</b> mm <sup>2</sup>                | Water insulation pipes                                     | <input checked="" type="checkbox"/> (✓) |
| * (applicable only where an RCD is available and is used as a main circuit-breaker) |  | Oil installation pipes                                     | <input checked="" type="checkbox"/> (✓) |
|   |  | Gas installation pipes                                     | <input checked="" type="checkbox"/> (✓) |
|   |  | Lighting Protection  |   |
|   |  | Structural Steel   |   |
|   |  | Other  |   |

Please see the 'Notes for Recipients' on the reverse of this page Page 1 of 8

# SCHEDULE OF INSPECTIONS

| Item | Description   | Outcome* | Location reference |
|------|---|----------|--------------------|
| 1.0  | Condition/adequacy of distributor's supply intake equipment †   |          |                    |
| 1.1  | Service cable   | ✓        |                    |
| 1.2  | Service head  | ✓        |                    |
| 1.3  | Distributor's earthing arrangement(s)   | ✓        |                    |
| 1.4  | Meter tails - Distributor/Consumer  | ✓        |                    |
| 1.5  | Metering equipment  | ✓        |                    |
| 1.6  | Means of main isolation (where present)   | N/A      |                    |
| 2.0  | Presence of adequate arrangements for parallel or switched alternative sources  |          |                    |
| 2.1  | Adequate arrangements where a generating set operates as a switched alternative to the public supply                                      | N/A      |                    |
| 2.2  | Adequate arrangements where a generating set operates in parallel with the public supply  | N/A      |                    |
| 3.0  | Earthing and bonding arrangements   |          |                    |
| 3.1  | Presence and condition of distributor's earthing arrangement  | ✓        |                    |
| 3.2  | Presence and condition of earth electrode connection  | N/A      |                    |
| 3.3  | Confirmation of adequate earthing conductor size  | ✓        |                    |
| 3.4  | Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)   | ✓        |                    |
| 3.5  | Confirmation of adequate main protective bonding conductor size(s)  | ✓        |                    |
| 3.6  | Accessibility and condition of main protective bonding conductor connections  | ✓        |                    |
| 3.7  | Accessibility and condition of other protective bonding conductor connections   | ✓        |                    |
| 3.8  | Provision of earthing/bonding labels at all appropriate locations   | ✓        |                    |
| 4.0  | Consumer unit(s)  |          |                    |
| 4.1  | Adequacy of working space/accessibility of equipment  | ✓        |                    |
| 4.2  | Security of fixing  | ✓        |                    |
| 4.3  | Condition of enclosure(s) in terms of IP rating   | ✓        |                    |
| 4.4  | Condition of enclosure(s) in terms of fire rating   | ✓        |                    |
| 4.5  | Enclosure not damaged/deteriorated so as to impair safety   | ✓        |                    |
| 4.6  | Presence of main switch(es), linked where required  | ✓        |                    |
| 4.7  | Operation of main switch(es) (functional check)   | ✓        |                    |
| 4.8  | Operation of circuit-breakers and RCDs to prove disconnection (functional check)  | ✓        |                    |
| 4.9  | Correct identification of circuits and protective devices   | ✓        |                    |
| 4.10 | Presence of RCD test notice at or near consumer unit  | ✓        |                    |
| 4.11 | Presence of non-standard (mixed) cable colour warning notice at or near consumer unit   | ✓        |                    |
| 4.12 | Presence of alternative or additional supply warning notice at or near consumer unit  | N/A      |                    |
| 4.13 | Presence of replacement next inspection recommendation label  | ✓        |                    |
| 4.14 | Presence of other required labelling (specify)  | N/A      |                    |
| 4.15 | Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) | ✓        |                    |
| 4.16 | Single-pole switching or protective devices in line conductors only   | ✓        |                    |
| 4.17 | Protection against mechanical damage where cables enter consumer unit   | ✓        |                    |
| 4.18 | Protection against electromagnetic effects where cables enter metallic consumer unit/enclosures   | ✓        |                    |
| 4.19 | RCD(s) provided for fault protection - includes RCBOs   | ✓        |                    |
| 4.20 | RCD(s) provided for additional protection - includes RCBOs  | ✓        |                    |
| 4.21 | Confirmation of indication that SPD is functional   | ✓        |                    |
| 4.22 | Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure | ✓        |                    |

\* All boxes must be completed.  
 ✓ indicates Acceptable condition  
 'LDM' indicates a Limitation  
 'N/A' indicates Not applicable

Unacceptable condition state C1 or C2  
 Improvement recommended state C3  
 Further investigation required without delay state FI  
 (to determine whether danger or potential danger exists)

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

† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

8



# SCHEDULE OF INSPECTIONS

| Item | Description   | Outcome* | Location reference |
|------|---|----------|--------------------|
| 5.0  | Distribution / final circuits   |          |                    |
| 5.1  | Identification of conductors  | ✓        |                    |
| 5.2  | Cables correctly supported throughout their length  | ✓        |                    |
| 5.3  | Condition of insulation of live parts   | ✓        |                    |
| 5.4  | Non-sheathed cables protected by enclosure in conduit, ducting or trunking<br>(including confirmation of the integrity of conduit and trunking systems)   | ✓        |                    |
| 5.5  | Adequacy of cables for current-carrying capacity with regard to the type and nature of installation   | ✓        |                    |
| 5.6  | Adequacy of protective devices; type and rated current for fault protection   | ✓        |                    |
| 5.7  | Presence and adequacy of circuit protective conductors  | ✓        |                    |
| 5.8  | Co-ordination between conductors and overload protective devices  | ✓        |                    |
| 5.9  | Wiring system(s) appropriate for the type and nature of the installation and external influences  | ✓        |                    |
| 5.10 | Cables installed under floors, above ceilings, in walls/partitions, adequately protected against damage   |          |                    |
|      | • Installed in prescribed zones (see Section D, Extent and limitations)   | ✓        |                    |
|      | • 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) | ✓        |                    |
| 5.11 | Provision of additional protection by RCD not exceeding 30mA  |          |                    |
|      | • T For mobile equipment not exceeding a rating of 32A for use outdoors   | N/A      |                    |
|      | • T For all socket-outlets of rating 20A or less, unless exempt   | ✓        |                    |
|      | • T For cables installed in walls/partitions at a depth of less than 50mm   | ✓        |                    |
|      | • T For cables installed in walls/partitions containing metal parts regardless of depth   | ✓        |                    |
| 5.12 | Provision of fire barriers, sealing arrangements and protection against thermal effects   | ✓        |                    |
| 5.13 | Band II cables segregated/separated from Band I cables  | N/A      |                    |
| 5.14 | Cables segregated/separated from communications cabling   | ✓        |                    |
| 5.15 | Cables segregated/separated from non-electrical services  | ✓        |                    |
| 5.16 | Termination of cables at enclosures (extent of sampling indicated in Section D of the report)   |          |                    |
|      | • Connections soundly made and under no undue strain  | ✓        |                    |
|      | • No basic insulation of a conductor visible outside an enclosure   | ✓        |                    |
|      | • Connections of live conductors adequately enclosed  | ✓        |                    |
|      | • Adequacy of connection at point of entry to enclosure (gland, bush or similar)  | ✓        |                    |
| 5.17 | Condition of accessories including socket-outlets, switches and joint boxes   | ✓        |                    |
| 5.18 | Suitability of accessories for external influences  | ✓        |                    |
| 5.19 | Adequacy of working space / accessibility to equipment  | ✓        |                    |
| 5.20 | Single-pole devices for switching or protection in line conductors only   | ✓        |                    |

\* All boxes must be completed.  
 ✓ indicates Acceptable condition  
 L/N indicates a Limitation  
 N/A indicates Not applicable

Unacceptable condition state C1 or C2  
 Improvement recommended state C3  
 Further investigation required without delay state FI  
 (to determine whether danger or potential danger exists)

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

† Note: Older installations designed prior to BS 7671:2003 may not have been provided with RCDs for additional protection

# SCHEDULE OF INSPECTIONS

| Item | Description   | Outcome* | Location reference |
|------|---|----------|--------------------|
| 6.0  | <b>Isolation and Switching (isolation, switching off for mechanical maintenance and functional switching)</b>   |          |                    |
| 6.1  | In general  |          |                    |
|      | • Presence and condition of appropriate devices   | ✓        |                    |
|      | • Correct operation verified  | ✓        |                    |
| 6.2  | For isolation and switching off mechanical maintenance only   |          |                    |
|      | • Capable of being secured in the OFF position where appropriate  | ✓        |                    |
|      | • Acceptable location - state if local or remote from equipment being controlled where appropriate  | ✓        |                    |
|      | • Clearly identified by position and/or durable marking(s)  | ✓        |                    |
| 6.3  | For isolation only  |          |                    |
|      | • Warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device   | ✓        |                    |
| 7.0  | <b>Current-using equipment (pre-manually connected)</b>   |          |                    |
| 7.1  | Condition of equipment in terms of IP rating  | ✓        |                    |
| 7.2  | Equipment does not constitute a fire hazard   | ✓        |                    |
| 7.3  | Enclosure not damaged/deteriorated so as to impair safety   | ✓        |                    |
| 7.4  | Suitability for the environment and external influences   | ✓        |                    |
| 7.5  | Security of Fixing  | ✓        |                    |
| 7.6  | Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire<br>(List number and location of luminaires inspected - separate page) | ✓        |                    |
| 7.7  | Recessed luminaires (eg. downlighters)  |          |                    |
|      | • Correct type of lamps fitted  | ✓        |                    |
|      | • Installed to minimise build-up of heat by use of "fire rated" fittings, insulation displacement box or similar  | ✓        |                    |
|      | • No signs of overheating to surrounding building fabric  | ✓        |                    |
|      | • No signs of overheating to conductors/terminations  | ✓        |                    |
| 8.0  | <b>Location(s) containing a bath or shower</b>  |          |                    |
| 8.1  | Additional protection by RCD not exceeding 30mA   |          |                    |
|      | • For low voltage circuits serving the location   | ✓        |                    |
|      | • For low voltage circuits passing through Zone 1 and Zone 2 not serving the location   | ✓        |                    |
| 8.2  | Where used as a protective measure, requirements for SELV or PELV are met   | N/A      |                    |
| 8.3  | Shaver sockets comply with BS EN 61558-2-5 or BS 3535   | N/A      |                    |
| 8.4  | Presence of supplementary bonding conductors unless not required by BS 7671:2008  | ✓        |                    |
| 8.5  | Low voltage (eg. 230 volts) socket-outlets sited at least 3m from Zone 1  | ✓        |                    |
| 8.6  | Suitability of equipment for external influences for installed location in terms of IP rating   | ✓        |                    |
| 8.7  | Suitability of equipment for installation in a particular zone  | N/A      |                    |
| 9.0  | <b>Other special installations or locations - Part 7s</b>   |          |                    |
|      | List special locations present, if any. List the results of particular inspections applied<br>(a separate page is required for each location)                             |          |                    |
|      |   | N/A      |                    |

\* All boxes must be completed.  
 ✓ indicates Acceptable condition  
 LIM indicates Limitation  
 N/A indicates Not applicable

Unacceptable condition state C1 or C2  
 Improvement recommended state C3  
 Further investigation required without delay state FI  
 (to determine whether danger or potential danger exists)

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



# SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω)                            |                |                |   |                | Insulation resistance<br><small>F Record lower or lowest value</small> |                   |                 |                    | Polarity<br><br>(✓) | Maximum measured earth fault loop impedance Z <sub>s</sub> *<br><br>(Ω) | RCD                |  |                       |
|-------------------------|---|----------------|----------------|---|----------------|--|-------------------|-----------------|--------------------|---------------------|---|--------------------|--|-----------------------|
|                         | Ring final circuits only<br>(measured end to end) |                |                | All circuits<br>(At least one column to be completed) |                | Line/Line<br>⌚   | Line/Neutral<br>⌚ | Line/Earth<br>⌚ | Neutral/Earth<br>⌚ |                     |   | operating times    |  | Test button operation |
|                         | R <sub>1</sub>                                    | R <sub>n</sub> | R <sub>2</sub> | (R <sub>1</sub> + R <sub>2</sub> )                    | R <sub>2</sub> | (MΩ)   | (MΩ)              | (MΩ)            | (MΩ)               |                     |   | at I <sub>Δn</sub> | at 5I <sub>Δn</sub><br>(if applicable) | (✓)                   |
|                         | (Line)  | (Neutral)      | (cpc)          |   |                | (MΩ)   | (MΩ)              | (MΩ)            | (MΩ)               |                     |   | (ms)               | (ms)                                   |                       |
| *                       |   |                |                |   |                |  |                   |                 |                    |                     |   |                    |  |                       |
| 1                       |   |                |                |   |                |  |                   |                 |                    |                     |   |                    |  |                       |
| 2                       |   |                |                | 0.77  |                | ∞  | ∞                 | ∞               | ∞                  | ✓                   | 0.92  | 39.8               | 9.30                                   |                       |
| 3                       |   |                |                | 0.61  |                | ∞  | ∞                 | ∞               | ∞                  | ✓                   | 0.77  | 39.8               | 9.30                                   |                       |
| 4                       |   |                |                | 1.02  |                | ∞  | ∞                 | ∞               | ∞                  | ✓                   | 1.21  | 39.8               | 9.30                                   |                       |
| 5                       |   |                |                |   |                |  |                   |                 |                    |                     |   |                    |  |                       |
| 6                       |   |                |                |   |                |  |                   |                 |                    |                     |   |                    |  |                       |
| 7                       |   |                |                |   |                |  |                   |                 |                    |                     |   |                    |  |                       |
| 8                       |   |                |                | 0.10  |                | ∞  | ∞                 | ∞               | ∞                  | ✓                   | 0.27  | 37.9               | 16.0                                   | ✓                     |
| 9                       | 0.32  | 0.53           | 0.55           | 0.27  |                | ∞  | ∞                 | ∞               | ∞                  | ✓                   | 0.48  | 37.9               | 16.0                                   | ✓                     |
| 10                      | 0.47  | 0.48           | 0.78           | 0.35  |                | ∞  | ∞                 | ∞               | ∞                  | ✓                   | 0.52  | 37.9               | 16.0                                   | ✓                     |
| 11                      | 0.25  | 0.26           | 0.44           | 0.29  |                | ∞  | ∞                 | ∞               | ∞                  | ✓                   | 0.49  | 37.9               | 16.0                                   | ✓                     |
| 12                      | 0.27  | 0.28           | 0.43           | 0.26  |                | ∞  | ∞                 | ∞               | ∞                  | ✓                   | 0.46  | 37.9               | 16.0                                   | ✓                     |
| 13                      |   |                |                | 0.13  |                | ∞  | ∞                 | ∞               | ∞                  | ✓                   | 0.33  | 37.9               | 16.0                                   | ✓                     |

\*To be completed only if this consumer unit is remote from the origin of the installation. Record details of the circuit supplying the consumer unit in the bold box.

See previous page for  
Circuit Details

# SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

Location of consumer unit

**HALLWAY**

Designation of consumer unit

**MAIN**

Prospective fault current at consumer unit

**1.39**

KA

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation<br><small>*To be completed only if this consumer unit is remote from the origin of the installation. Record details of the circuit supplying the consumer unit in the bold box.</small> | Type of wiring (see code below) | Reference method | Number of points served | Circuit conductors: csa |                        | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices |      |            |                             | RCD<br>Operating current I <sub>Δn</sub> (mA) | Maximum Z <sub>s</sub> permitted by BS 7671 (Ω) |
|-------------------------|---|---------------------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------------|------|------------|-----------------------------|---|---|
|                         |   |                                 |                  |                         | Live (mm <sup>2</sup> ) | CPC (mm <sup>2</sup> ) |  | BS (EN)                        | Type | Rating (A) | Short-circuit capacity (kA) |   |   |
|                         |   |                                 |                  |                         |                         |                        |  |                                |      |            |                             |   |   |
| *                       |   |                                 |                  |                         |                         |                        |  |                                |      |            |                             |   |   |
| 1                       | <b>SPARE</b>  |                                 |                  |                         |                         |                        |  | 60898                          | B    | 16         | 06                          | 30  | 2.8   |
| 2                       | <b>BELL LIGHTS ROOMS</b>  | A                               | 1                | X15                     | 1.5                     | 1.0                    | 0.2  | 60898                          | B    | 10         | 06                          | 30  | 4.8   |
| 3                       | <b>LIGHTS KITCHEN &amp; UTILITY RM</b>  | A                               | 1                | X12                     | 1.5                     | 1.0                    | 0.2  | 60898                          | B    | 10         | 06                          | 30  | 4.8   |
| 4                       | <b>SMOKE ALARMS</b>   | A                               | 1                | X12                     | 1.5                     | 1.0                    | 0.2  | 60898                          | B    | 06         | 06                          | 30  | 1.6   |
| 5                       | BLANK   |                                 |                  |                         |                         |                        |  |                                |      |            |                             |   |   |
| 6                       | BLANK   |                                 |                  |                         |                         |                        |  |                                |      |            |                             |   |   |
| 7                       | BLANK   |                                 |                  |                         |                         |                        |  |                                |      |            |                             |   |   |
| 8                       | <b>SHOWER</b>   | A                               | 1                | X1                      | 10.0                    | 6.0                    | 0.2  | 60898                          | B    | 40         | 06                          | 30  | 1.2   |
| 9                       | <b>SKTS ROOMS</b>   | A                               | 1                | X12                     | 2.5                     | 1.5                    | 0.2  | 60898                          | B    | 32         | 06                          | 30  | 1.5   |
| 10                      | <b>SKTS ROOMS</b>   | A                               | 1                | X10                     | 2.5                     | 1.5                    | 0.2  | 60898                          | B    | 32         | 06                          | 30  | 1.5   |
| 11                      | <b>SKTS UTILITY RM</b>  | A                               | 1                | X5                      | 2.5                     | 1.5                    | 0.2  | 60898                          | B    | 32         | 06                          | 30  | 1.5   |
| 12                      | <b>UTILITY RM SKTS KITCHEN</b>  | A                               | 1                | X10                     | 2.5                     | 1.5                    | 0.2  | 60898                          | B    | 32         | 06                          | 30  | 1.5   |
| 13                      | <b>KITCHEN SKTS IMMERSION</b>   | A                               | 1                | X1                      | 2.5                     | 1.5                    | 0.2  | 60898                          | B    | 16         | 06                          | 30  | 2.8   |
| 14                      | <del>WATER HEATER</del>   |                                 |                  |                         |                         |                        |  |                                |      |            |                             |   |   |

### TEST INSTRUMENTS

Multifunction **METTER MF1 1720**

Insulation resistance

Continuity

Earth electrode resistance

Earth fault loop impedance

RCD

#### CODES FOR TYPE OF WIRING

| A                                       | B  | C  | D   | E   | F                         | G                         | H                        | O (Other - please state) |
|---|--|--|---|---|---------------------------|---------------------------|--------------------------|--------------------------|
| 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 | Thermosetting /SWA cables | Mineral-insulated cables |                          |

\*To be completed only if this consumer unit is remote from the origin of the installation. Record details of the circuit supplying the consumer unit in the bold box.

See next page for Schedule of Test Results

8