



# ELECTRICAL INSTALLATION CERTIFICATE

(Requirements for Electrical Installations - BS 7671 (IET Wiring Regulations))

## DETAILS OF THE CLIENT

MR G T STAGNEL

## INSTALLATION ADDRESS

5 SIWARD ROAD, YORK, YO10 3LW

## DESCRIPTION AND EXTENT OF THE INSTALLATION

Tick boxes and enter details, as appropriate

Description of installation: NEW CONSUMER UNIT

New installation ☐

Extent of installation covered by this Certificate: ALL OUTGOING FINAL CIRCUITS OF DB 1

Addition to an existing installation ☐

(Use continuation sheet if necessary)

See continuation sheet no.

Alteration to an existing installation ☒

## FOR DESIGN

I/We being the person(s) responsible for the design of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design and additionally where this certificate applies to an alteration or addition, the safety of the existing installation is not impaired, hereby CERTIFY that the design work of which I/we have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671:2018 amended to 2020 (date) except for departures, if any, detailed as follows:

Details of departures from BS 7671 (Regulation 120.3, 133.1.3, 133.5) N/A

Details of permitted exceptions (regulation 411.3.3) where applicable a suitable risk assessment(s) must be attached to this certificate N/A

Risk assessment attached ☐ N/A

The extent of liability of the signatory or signatories is limited to the work described above as the subject of this Certificate. For the DESIGN of the installation:

\*\*Where there is mutual responsibility for the design

Signature

Date 03/06/2021

Name (CAPITALS) REECE RUSHWORTH Designer No. 1

Signature

Date

Name (CAPITALS)

Designer No. 2\*\*

## FOR CONSTRUCTION

I being the person responsible for the construction of the electrical installation (as indicated by my signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the construction work of which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671:2018 amended to 2020 (date) except for departures, if any, detailed as follows:

Details of departures from BS 7671 (Regulation 120.3 and 133.5) NONE

The extent of liability of the signatory is limited to the work described above as the subject of this Certificate. For the CONSTRUCTION of the installation:

Signature

Date 03/06/2021

Name (CAPITALS) REECE RUSHWORTH Constructor

## FOR INSPECTION & TESTING

I being the person responsible for the inspection & testing of the electrical installation (as indicated by my signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection & testing, hereby CERTIFY that the work of which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671:2018 amended to 2020 (date) except for departures, if any, detailed as follows:

Details of departures from BS 7671 (Regulation 120.3 and 133.5)

The extent of liability of the signatory is limited to the work described above as the subject of this Certificate. For the INSPECTION & TESTING of the installation:

Signature

Date 03/06/2021

Name (CAPITALS) REECE RUSHWORTH Inspector

## NEXT INSPECTION

I/We the designer(s), recommend that this installation is further inspected and tested after an interval of not more than 5 YEARS years / months

**PARTICULARS OF SIGNATORIES TO THE ELECTRICAL INSTALLATION CERTIFICATE**

**Designer (No. 1) Name** REECE RUSHWORTH **Company** SIMPSON AND WOOD LTD  
**Address** UNIT 7-10 THE BULL COMMERCIAL CENTRE, STOCKTON LANE, YORK **Postcode** YO32 9LE **Tel:** 01904 400144  
**Designer (No. 2) Name** **Company**  
**Address** **Postcode** **Tel:**  
**Constructor Name** REECE RUSHWORTH **Company** SIMPSON AND WOOD LTD  
**Address** UNIT 7-10 THE BULL COMMERCIAL CENTRE, STOCKTON ON THE FOREST, YORK **Postcode** YO32 9LE **Tel:** 01904 400144  
**Inspector Name** REECE RUSHWORTH **Company** SIMPSON AND WOOD LTD  
**Address** UNIT 7-10 THE BULL COMMERCIAL CENTRE, STOCKTON ON THE FOREST, YORK **Postcode** YO32 9LE **Tel:** 01904 400144

**SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS**

Tick boxes and enter details, as appropriate

| Earthing arrangements                    | Number and type of live conductors                                                  | Nature and type of supply parameters                                                | Supply protective device |
|------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------|
| TN-C <input type="checkbox"/>            | AC <input checked="" type="checkbox"/> DC <input type="checkbox"/>                  | Nominal voltage, $U / U_0^{(1)}$ 230 V                                              | BS (EN) 1361             |
| TN-S <input checked="" type="checkbox"/> | 1-phase, 2-wire <input checked="" type="checkbox"/> 2-wire <input type="checkbox"/> | Nominal frequency, $f^{(1)}$ 50 Hz                                                  | Type 2                   |
| TN-C-S <input type="checkbox"/>          | 2-phase, 3-wire <input type="checkbox"/> 3-wire <input type="checkbox"/>            | Prospective fault current, $I_{pf}^{(2)}$ 1.74 kA                                   | Rated current 60 A       |
| TT <input type="checkbox"/>              | 3-phase, 3-wire <input type="checkbox"/> Other <input type="checkbox"/>             | External loop impedance, $Z_e^{(2)}$ 0.13 $\Omega$                                  |                          |
| IT <input type="checkbox"/>              | 3-phase, 4-wire <input type="checkbox"/>                                            | Note: (1) by enquiry, (2) by enquiry or by measurement                              |                          |
|                                          | Confirmation of supply polarity <input checked="" type="checkbox"/>                 | Other sources of supply (as detailed on attached schedule) <input type="checkbox"/> |                          |

**PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE**

Tick boxes and enter details, as appropriate

| Means of earthing                                                   | Maximum demand                                                | Details of Earth Electrode (where applicable)                                                   |
|---------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Distributor's facility <input checked="" type="checkbox"/>          | Maximum demand (load)                                         | Type (e.g. rod(s), tape, etc.) N/A                                                              |
| Installation earth electrode <input type="checkbox"/>               | N/A kVA / Amps<br>(delete as appropriate)                     | Location N/A Resistance to earth N/A $\Omega$                                                   |
| <b>Main protective conductors</b>                                   |                                                               |                                                                                                 |
| Earthing conductor                                                  | Material COPPER                                               | csa 16 mm <sup>2</sup> Connection/continuity verified <input checked="" type="checkbox"/>       |
| Main protective bonding conductors (to extraneous-conductive-parts) | Material COPPER                                               | csa 10 mm <sup>2</sup> Connection/continuity verified <input checked="" type="checkbox"/>       |
| To water installation pipes <input checked="" type="checkbox"/>     | To gas installation pipes <input checked="" type="checkbox"/> | To oil installation pipes <input type="checkbox"/> To structural steel <input type="checkbox"/> |
| To lightning protection <input type="checkbox"/>                    | To other <input type="checkbox"/>                             | Specify                                                                                         |
| <b>Main switch / Switch fuse / Circuit breaker / RCD</b>            |                                                               | <b>If RCD main switch</b>                                                                       |
| Location ENTRANCE HALLWAY                                           | Current rating 100 A                                          | Rated residual operating current ( $I_{\Delta n}$ ) N/A mA                                      |
|                                                                     | Fuse / device rating or setting 100 A                         | Rated time delay N/A ms                                                                         |
| BS (EN) 60947-3 No. of poles 2                                      | Voltage rating 230 V                                          | Measured operating time (at $I_{\Delta n}$ ) N/A ms                                             |

**COMMENTS ON EXISTING INSTALLATION**

(in the case of an addition or alteration see Regulation 644.1.2)

SATISFACTORY

**SCHEDULES**

The attached Schedules are part of this document and this Certificate is valid only when they are attached to it.

1 Schedules of Inspections and 1 Schedules of Test Results are attached. (Enter quantities of Schedules attached.)

**NOTE 1:** This form is suitable for many types of smaller installation, not exclusively domestic. All items inspected in order to confirm, as appropriate, compliance with the relevant clauses in BS 7671. The list of items and associated examples where given are not exhaustive.

**NOTE 2:** Insert ✓ to indicate an inspection had been carried out and the result is satisfactory, or N/A to indicate that the inspection is not applicable to a particular item.

| Item no    | Description                                                                                                                                                | Outcome<br>(See Note 2) |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>1.0</b> | <b>EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)</b>                                                                                     |                         |
| 1.1        | Service cable                                                                                                                                              | ✓                       |
| 1.2        | Service head                                                                                                                                               | ✓                       |
| 1.3        | Earthing arrangement                                                                                                                                       | ✓                       |
| 1.4        | Meter tails                                                                                                                                                | ✓                       |
| 1.5        | Metering equipment                                                                                                                                         | ✓                       |
| 1.6        | Isolator (where present)                                                                                                                                   | N/A                     |
| <b>2.0</b> | <b>PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY</b>                                                                                                  |                         |
| 2.1        | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)                                               | N/A                     |
| 2.2        | Adequate arrangements where a generating set operates in parallel with the public supply (551.7)                                                           | N/A                     |
| <b>3.0</b> | <b>AUTOMATIC DISCONNECTION OF SUPPLY</b>                                                                                                                   |                         |
| 3.1        | <b>Presence and adequacy of earthing and protective bonding arrangements:</b>                                                                              |                         |
|            | • Distributor's earthing arrangement (542.1.2.1; 542.1.2.2)                                                                                                | ✓                       |
|            | • Installation earth electrode (where applicable) (542.1.2.3)                                                                                              | ✓                       |
|            | • Earthing conductor and connections, including accessibility (542.3; 542.3.2)                                                                             | ✓                       |
|            | • Main protective bonding conductors and connections, including accessibility (411.3.1.2; 543.3.2; Section 544)                                            | ✓                       |
|            | • Provision of safety electrical earthing/bonding labels at all appropriate locations (514.13)                                                             | ✓                       |
|            | • RCD(s) provided for fault protection (411.4.204; 411.5.3)                                                                                                | ✓                       |
| <b>4.0</b> | <b>BASIC PROTECTION</b>                                                                                                                                    |                         |
| 4.1        | <b>Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:</b>                      |                         |
|            | • Insulation of live parts e.g. conductors completely covered with durable insulating material (416.1)                                                     | ✓                       |
|            | • Barriers or enclosures e.g. correct IP rating (416.2)                                                                                                    | ✓                       |
| <b>5.0</b> | <b>ADDITIONAL PROTECTION</b>                                                                                                                               |                         |
| 5.1        | <b>Presence and effectiveness of additional protection methods:</b>                                                                                        |                         |
|            | • RCD(s) not exceeding 30 mA operating current (415.1; Part 7), see Item 8.14 of this schedule                                                             | ✓                       |
|            | • Supplementary bonding (415.2; Part 7)                                                                                                                    | ✓                       |
| <b>6.0</b> | <b>OTHER METHODS OF PROTECTION</b>                                                                                                                         |                         |
| 6.1        | <b>Presence and effectiveness of methods which give both basic and fault protection:</b>                                                                   |                         |
|            | • SELV system, including the source and associated circuits (Section 414)                                                                                  | N/A                     |
|            | • PELV system, including the source and associated circuits (Section 414)                                                                                  | N/A                     |
|            | • Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits (Section 412)                                              | N/A                     |
|            | • Electrical separation for one item of equipment e.g. shaver supply unit (Section 413)                                                                    | N/A                     |
| <b>7.0</b> | <b>CONSUMER UNIT(S) / DISTRIBUTION BOARDS(S):</b>                                                                                                          |                         |
| 7.1        | Adequacy of access and working space for items of electrical equipment including switchgear (132.12)                                                       | ✓                       |
| 7.2        | Components are suitable according to assembly manufacturer's instructions or literature (536.4.203)                                                        | ✓                       |
| 7.3        | Presence of linked main switch(es) (462.1.201)                                                                                                             | ✓                       |
| 7.4        | Isolators, for every circuit or group of circuits and all items of equipment (462.2)                                                                       | ✓                       |
| 7.5        | Suitability of enclosure(s) for IP and fire ratings (416.2, 421.1.6; 421.1.201; 526.5)                                                                     | ✓                       |
| 7.6        | Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)                                                             | ✓                       |
| 7.7        | Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure (526.1)                                            | ✓                       |
| 7.8        | Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel (521.5)                                                                | ✓                       |
| 7.9        | Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection (411.3.2; 411.4, 411.5, 411.6; Sections 432, 433) | ✓                       |

**NOTE 1:** This form is suitable for many types of smaller installation, not exclusively domestic. All items inspected in order to confirm, as appropriate, compliance with the relevant clauses in BS 7671. The list of items and associated examples where given are not exhaustive.

**NOTE 2:** Insert ✓ to indicate an inspection had been carried out and the result is satisfactory, or N/A to indicate that the inspection is not applicable to a particular item.

| Item no    | Description                                                                                                                                            | Outcome<br>(See Note 1) |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 7.10       | <b>Presence of appropriate circuit charts, warning and other notices:</b>                                                                              |                         |
|            | • Provision of circuit charts/schedules or equivalent forms of information (514.9)                                                                     | ✓                       |
|            | • Warning notice of method of isolation where live parts not capable of being isolated by a single device (514.11)                                     | ✓                       |
|            | • Periodic inspection and testing notice (514.12.1)                                                                                                    | ✓                       |
|            | • RCD six-monthly test notice; where required (514.12.2)                                                                                               | ✓                       |
|            | • Warning notice of non-standard (mixed) colours of conductors present (514.14)                                                                        | ✓                       |
| 7.11       | Presence of labels to indicate the purpose of switchgear and protective devices (514.1.1; 514.8)                                                       | ✓                       |
| <b>8.0</b> | <b>CIRCUITS</b>                                                                                                                                        |                         |
| 8.1        | Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation (Section 523)                                  | ✓                       |
| 8.2        | Cable installation methods suitable for the location(s) and external influences (Section 522)                                                          | ✓                       |
| 8.3        | Segregation/separation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical services (528)                                     | ✓                       |
| 8.4        | Cables correctly erected and supported throughout, with protection against abrasion (Sections 521, 522)                                                | ✓                       |
| 8.5        | Provision of fire barriers, sealing arrangements where necessary (527.2)                                                                               | ✓                       |
| 8.6        | Non-sheathed cables enclosed throughout in conduit, ducting or trunking (521.10.1; 526.8)                                                              | ✓                       |
| 8.7        | Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (522.6.201, 522.6.202, 522.6.203, 522.6.204) | ✓                       |
| 8.8        | Conductors correctly identified by colour, lettering or numbering (Section 514)                                                                        | ✓                       |
| 8.9        | Presence, adequacy and correct termination of protective conductors (411.3.1.1; 543.1)                                                                 | ✓                       |
| 8.10       | Cables and conductors correctly connected, enclosed and with no undue mechanical strain (Section 526)                                                  | ✓                       |
| 8.11       | No basic insulation of a conductor visible outside enclosure (526.8)                                                                                   | ✓                       |
| 8.12       | Single-pole devices for switching or protection in line conductors only (132.14.1; 530.3.3; 643.6)                                                     | ✓                       |
| 8.13       | Accessories not damaged, securely fixed, correctly connected, suitable for external influences (134.1.1; 512.2; Section 526)                           | ✓                       |
| 8.14       | <b>Provision of additional protection by RCD not exceeding 30mA:</b>                                                                                   |                         |
|            | • Socket-outlets rated at 32 A or less, unless exempt (411.3.3)                                                                                        | ✓                       |
|            | • Supplies for mobile equipment with a current rating not exceeding 32 A for use outdoors (411.3.3)                                                    | ✓                       |
|            | • Cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)                                                                       | ✓                       |
|            | • Cables concealed in walls/partitions containing metal parts regardless of depth (522.6.202; 522.6.203)                                               | ✓                       |
|            | • Final circuits supplying luminaires within domestic (household) premises (411.3.4)                                                                   | ✓                       |
| 8.15       | <b>Presence of appropriate devices for isolation and switching correctly located including:</b>                                                        |                         |
|            | • Means of switching off for mechanical maintenance (Section 464; 537.3.2)                                                                             | N/A                     |
|            | • Emergency switches (465.1; 537.3.3)                                                                                                                  | N/A                     |
|            | • Functional switches, for control of parts of the installation and current-using equipment (463.1; 537.3.1)                                           | N/A                     |
|            | • Firefighter's switches (537.4)                                                                                                                       | N/A                     |
| 9.0        | <b>CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)</b>                                                                                                 |                         |
| 9.1        | Equipment not damaged, securely fixed and suitable for external influences (134.1.1; 416.2; 512.2)                                                     | ✓                       |
| 9.2        | Provision of overload and/or undervoltage protection e.g. for rotating machines, if required (Sections 445, 552)                                       | ✓                       |
| 9.3        | Installed to minimise the build-up of heat and restrict the spread of fire (421.1.4; 559.4.1)                                                          | ✓                       |
| 9.4        | Adequacy of working space. Accessibility to equipment (132.12; 513.1)                                                                                  | ✓                       |
| 10.0       | <b>LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)</b>                                                                                           |                         |
| 10.1       | 30 mA RCD protection for all LV circuits, equipment suitable for the zones, supplementary bonding (where required) etc.                                | ✓                       |
| 11.0       | <b>OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS</b>                                                                                                 |                         |
| 11.1       | List all other special installations or locations present, if any. (Record separately the result of particular inspections applied)                    | ✓                       |

**INSPECTED BY:**

Name (CAPITALS) **REECE RUSHWORTH**

Signature



Date **03/06/2021**

## SCHEDULE OF TEST RESULTS

Location of distribution board: **ENTRANCE HALLWAY**

Supply to DB is from: **METER**

Distribution board reference designation: DB1

Overcurrent protective device type BS (EN): 60947-3

Nominal voltage: 230

v

Overcurrent protective device rating: 100

If relevant, RCD BS (EN): **N/A**

Number of phases: 1

 $I_{\Delta n}$  of RCD: N/A

mA

| <b>CIRCUIT DETAILS</b> |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|------------------------|----------------------------|--------------------------|-------------|-------------------|--------------------------------|-------------------------------|--------------------------------|----------------------------------------------|--------------------------|-------------------|------------------|
| <b>Circuit number</b>  | <b>Circuit description</b> | <b>Protective device</b> |             |                   |                                |                               |                                |                                              | <b>Conductor details</b> |                   |                  |
|                        |                            | <b>BS (EN)</b>           | <b>Type</b> | <b>Rating (A)</b> | <b>Number of points served</b> | <b>Breaking capacity (kA)</b> | <b>RCD I<sub>Δn</sub> (mA)</b> | <b>Maximum permissible Z<sub>s</sub> (Ω)</b> | <b>Reference method</b>  | <b>Live (mm²)</b> | <b>cpc (mm²)</b> |
|                        | <b>MAIN SWITCH</b>         | 60947-3                  | -           | <b>100</b>        | -                              | -                             | -                              | -                                            | -                        | -                 | -                |
|                        | <b>MAIN SWITCH</b>         | 60947-3                  | -           | <b>100</b>        | -                              | -                             | -                              | -                                            | -                        | -                 | -                |
| <b>1</b>               | <b>SPARE</b>               | -                        | -           | -                 | -                              | -                             | -                              | -                                            | -                        | -                 | -                |
| <b>2</b>               | <b>SPARE</b>               | -                        | -           | -                 | -                              | -                             | -                              | -                                            | -                        | -                 | -                |
|                        | <b>RCD</b>                 | 61008                    | -           | <b>63</b>         | -                              | -                             | -                              | -                                            | -                        | -                 | -                |
|                        | <b>RCD</b>                 | 61008                    | -           | <b>63</b>         | -                              | -                             | -                              | -                                            | -                        | -                 | -                |
| <b>3</b>               | <b>SHOWER</b>              | 60898                    | B           | <b>32</b>         | <b>1</b>                       | <b>6</b>                      | -                              | <b>1.1</b>                                   | B                        | <b>6</b>          | <b>2.5</b>       |
| <b>4</b>               | <b>KITCHEN SOCKETS</b>     | 60898                    | B           | <b>32</b>         | <b>8</b>                       | <b>6</b>                      | -                              | <b>1.1</b>                                   | B                        | <b>2.5</b>        | <b>1.5</b>       |
| <b>5</b>               | <b>SOCKETS</b>             | 60898                    | B           | <b>20</b>         | <b>3</b>                       | <b>6</b>                      | -                              | <b>1.75</b>                                  | B                        | <b>2.5</b>        | <b>1.5</b>       |
| <b>6</b>               | <b>LIGHTS</b>              | 60898                    | B           | <b>6</b>          | <b>12</b>                      | <b>6</b>                      | -                              | <b>5.82</b>                                  | B                        | <b>1.5</b>        | <b>1.0</b>       |
| <b>7</b>               | <b>ALARM</b>               | 60898                    | B           | <b>6</b>          | <b>1</b>                       | <b>6</b>                      | -                              | <b>5.82</b>                                  | B                        | <b>1.5</b>        | <b>1.0</b>       |
| <b>8</b>               | <b>COOKER</b>              | 60898                    | B           | <b>32</b>         | <b>1</b>                       | <b>6</b>                      | -                              | <b>1.1</b>                                   | B                        | <b>6</b>          | <b>2.5</b>       |
| <b>9</b>               | <b>SOCKETS</b>             | 60898                    | B           | <b>32</b>         | <b>13</b>                      | <b>6</b>                      | -                              | <b>1.1</b>                                   | B                        | <b>2.5</b>        | <b>1.5</b>       |
| <b>10</b>              | <b>SOCKETS</b>             | 60898                    | B           | <b>20</b>         | <b>2</b>                       | <b>6</b>                      | -                              | <b>1.75</b>                                  | B                        | <b>2.5</b>        | <b>1.5</b>       |
| <b>11</b>              | <b>SPARE</b>               | 60898                    | B           | <b>10</b>         | -                              | -                             | -                              | -                                            | -                        | -                 | -                |
|                        | <b>RCD</b>                 | 61008                    | -           | <b>63</b>         | -                              | -                             | -                              | -                                            | -                        | -                 | -                |
|                        | <b>RCD</b>                 | 61008                    | -           | <b>63</b>         | -                              | -                             | -                              | -                                            | -                        | -                 | -                |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |
|                        |                            |                          |             |                   |                                |                               |                                |                                              |                          |                   |                  |

Note - regarding reference method, this will be the most onerous method in regard to the thermal performance of the cable

## SCHEDULE OF TEST RESULTS

|                                                                                                                                                                                                                 |                                                                                                                                                                |                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| $Z_s$ at DB: <b>0.13</b> $\Omega$<br>$I_{pf}$ at DB: <b>1740</b> A<br>Correct polarity confirmed (tick) <input checked="" type="checkbox"/><br>Correct phase rotation confirmed (tick) <input type="checkbox"/> | <b>Details of test equipment used:</b><br>Continuity: <b>14380513</b><br>Insulation resistance: <b>14380513</b><br>Earth fault loop impedance: <b>14380513</b> | RCD: <b>14380513</b><br>Earth electrode resistance: <b>N/A</b><br>Multi-functional: <b>14380513</b> |
| Equipment vulnerable to test: <b>PORTABLE APPLIANCES</b>                                                                                                                                                        |                                                                                                                                                                |                                                                                                     |

[illegible]