

| A. Details of the Client/Person Ordering the Report                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                    | B. Reason for Producing this Report                                                                                                      |                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Client:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Wessex RFCA                                                                                                        | Purpose of this report:                                                                                                                  | 5 yearly tests and inspect                                                                                                   |
| Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Mount House<br>Mount Street<br>Taunton<br>Devon<br>TA1 3QE                                                         | Date(s) on which Inspection:<br>and testing was carried out                                                                              | 22/10/2019                                                                                                                   |
| C. Details of the Installation which is the Subject of this Report                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| Installation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Wellington ACF                                                                                                     | Description of premises:                                                                                                                 | Domestic <input type="checkbox"/> N/A Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> N/A |
| Occupier:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TA                                                                                                                 | Other:                                                                                                                                   | N/A                                                                                                                          |
| Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Mantle Street<br>Wellington<br>Somerset<br>TA21 8BB                                                                | Estimated age of wiring system:                                                                                                          | 15 yrs                                                                                                                       |
| Record of Installation available:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                                                                                                | Evidence of alterations or additions:                                                                                                    | <input checked="" type="checkbox"/> If yes estimated Age 5 yrs                                                               |
| Records held By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                                                                                                                | Date of previous inspection:                                                                                                             | Not Known                                                                                                                    |
| D. Extent and Limitations Inspection and Testing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| Extent of Electrical Installation covered by this report:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    | Agreed limitations including the reasons (See regulation 653.2)                                                                          |                                                                                                                              |
| Fixed wiring only not including fire alarm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                    | In accordance with guidance note 3 and BS7671                                                                                            |                                                                                                                              |
| Operational Limitations including the reasons (See page No N/A )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                    | Agreed with name Wessex                                                                                                                  |                                                                                                                              |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| <p>This inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS7671:2018 (IET Wiring Regulations) as amended to July 2018</p> <p>It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have NOT been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.</p>                                                                                 |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| E. Summary of the Condition of the Installation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                    | General condition of the installations (In terms of electrical safety)                                                                   |                                                                                                                              |
| Installation is in good working order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| Overall assessment of the installation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Satisfactory                                                                                                       | *An unsatisfactory assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified. |                                                                                                                              |
| F. Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| <p>Where the overall assessment of the suitability of the installation for continued use above is stated as SATISFACTORY, I recommend that any observations classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency.</p> <p>Investigation without delay is recommended for observations identified as 'further investigation required' (code FI).</p> <p>Observation classified as 'Improvement recommended' (code C3) should be given due consideration.</p> <p>Subject to the necessary remedial action being taken I recommend that the installation is further inspected and tested by 24/10/2024</p> |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| G. Declaration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| I, being the person(s) responsible for the inspection and 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 and testing, hereby declare that the information in this report, including the observations and attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section D of this report.                                                                                                                  |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| Trading Title and address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | I J Cannings & Son Ltd.,<br>Stratford House Water Bridge Court,<br>Matford Park Road,<br>Exeter,<br>Devon, EX2 8EX | NICEIC Enrolment Number                                                                                                                  | 9140                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                    | Branch No. (If Applicable)                                                                                                               | n/a                                                                                                                          |
| Inspected and tested by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Martyn Thorpe                                                                                                      | Position                                                                                                                                 | Approved Electrician                                                                                                         |
| Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    | Date                                                                                                                                     | 29/10/2019                                                                                                                   |
| Report authorised for issue by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Callum Harrison                                                                                                    | Position                                                                                                                                 | Approved Electrician                                                                                                         |
| Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                    | Date                                                                                                                                     | 29/10/2019                                                                                                                   |
| H. Schedule(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| The attached schedule(s) are part of this document and this report is valid only when they are attached to it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                    |                                                                                                                                          |                                                                                                                              |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Schedule(s) of inspection and                                                                                      | 6                                                                                                                                        | Schedule(s) of test results are attached                                                                                     |

## I. Supply Characteristics and Earthing Arrangements

| Earthing Arrangements                                               | Number and Type of Live Conductors                |                                                      |                                         |                                                          | Nature of Supply Parameters                                                    |  | Supply protective device                                   |  |
|---------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------|-----------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------|--|------------------------------------------------------------|--|
| TN-S <input type="text" value="N/A"/>                               | a.c. <input checked="" type="checkbox"/>          |                                                      | d.c. <input type="text" value="N/A"/>   |                                                          | Nominal Voltage $U^{(1)}$ <input type="text" value="400"/> V                   |  | BS(EN)                                                     |  |
| TN-C-S <input checked="" type="checkbox"/>                          | 1-Phase (2 wire) <input type="text" value="N/A"/> | 1-Phase (3 wire) <input type="text" value="N/A"/>    | 2 Wire <input type="text" value="N/A"/> |                                                          | Nominal Voltage $U_0^{(1)}$ <input type="text" value="230"/> V                 |  | LIM <input type="text"/>                                   |  |
| TN-C <input type="text" value="N/A"/>                               | 2-Phase (3 wire) <input type="text" value="N/A"/> |                                                      | 3 Wire <input type="text" value="N/A"/> |                                                          | Nominal frequency $f^{(1)}$ <input type="text" value="50"/> Hz                 |  | Type <input type="text" value="N/A"/>                      |  |
| TT <input type="text" value="N/A"/>                                 | 3-Phase (3 wire) <input type="text" value="N/A"/> | 3-Phase (4 wire) <input checked="" type="checkbox"/> | Other <input type="text" value="N/A"/>  |                                                          | Prospective fault current $I_{pf}^{(2)}$ <input type="text" value="4.54"/> kA  |  | Nominal current rating <input type="text" value="LIM"/> A  |  |
| IT <input type="text" value="N/A"/>                                 | Other <input type="text" value="N/A"/>            |                                                      |                                         |                                                          | External loop impedance $Z_e^{(2)}$ <input type="text" value="0.11"/> $\Omega$ |  | Short circuit capacity <input type="text" value="N/A"/> kA |  |
| Confirmation of supply polarity <input checked="" type="checkbox"/> |                                                   |                                                      |                                         | (Note: (1) by enquiry, (2) by enquiry or by measurement) |                                                                                |  |                                                            |  |

## J. Particulars of Installation Referred to in the Report

| Means of earthing                                             | Details of installation Earth Electrode (where applicable)     |                                                        |
|---------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------|
| Distributor's facility <input checked="" type="checkbox"/>    | Type (e.g. rod(s), tape etc.) <input type="text" value="N/A"/> | Location <input type="text" value="N/A"/>              |
| Installation earth electrode <input type="text" value="N/A"/> | Resistance to Earth <input type="text" value="N/A"/> $\Omega$  | Method of measurement <input type="text" value="N/A"/> |

## Main Protective Conductors

Tick boxes and enter details as applicable

|                                    |                                              |                                                     |                                                         |                                                         |
|------------------------------------|----------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Earthing Conductor                 | Material <input type="text" value="Copper"/> | csa <input type="text" value="25"/> mm <sup>2</sup> | Continuity Verified <input checked="" type="checkbox"/> | Connection Verified <input checked="" type="checkbox"/> |
| Main protective bonding conductors | Material <input type="text" value="Copper"/> | csa <input type="text" value="16"/> mm <sup>2</sup> | Continuity Verified <input checked="" type="checkbox"/> | Connection Verified <input checked="" type="checkbox"/> |

## Bonding of Incoming Service

|                                                              |                                                         |                                                   |                                                       |                                                                               |
|--------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------|
| Water installation pipes <input checked="" type="checkbox"/> | Gas installation pipes <input type="text" value="N/A"/> | Structural Steel <input type="text" value="N/A"/> | Lightning protection <input type="text" value="N/A"/> | Maximum Demand (Load) <input type="text" value="100"/> Amps                   |
| Oil installation pipes <input type="text" value="N/A"/>      | Please State                                            |                                                   |                                                       | Protective measure(s) against electric shock <input type="text" value="ADS"/> |
| Other incoming service(s) <input type="text" value="N/A"/>   |                                                         |                                                   |                                                       |                                                                               |

## Main Switch / Switch-Fuse / Circuit-Breaker / RCD

|                                                                |                                                                       |                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Location <input type="text" value="store room"/>               | Current rating <input type="text" value="125"/> A                     | if RCD main switch<br>Rated residual operation current, $I_{\Delta n}$ <input type="text" value="N/A"/> mA<br>Rated time delay <input type="text" value="N/A"/> ms<br>RCD Operating time at, $I_{\Delta n}$ <input type="text" value="N/A"/> ms |
| Type BS(EN) <input type="text" value="60947-3"/>               | Fuse/Device rating or setting <input type="text" value="125"/> A      |                                                                                                                                                                                                                                                 |
| No of poles <input type="text" value="4"/>                     | Voltage rating <input type="text" value="400"/> V                     |                                                                                                                                                                                                                                                 |
| Supply Conductors material <input type="text" value="Copper"/> | Supply Conductors csa <input type="text" value="25"/> mm <sup>2</sup> |                                                                                                                                                                                                                                                 |

## K. Observations

Referring to the attached schedule(s) of Inspection and Test Results, and subject to the limitations specified at the Extent and Limitations of the Inspection and testing section.

No remedial action is required.  The following observations are made ☒

| Item No | Observations                                                                                                                                     | Code |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1       | 6.0 LOCATION(S) CONTAINING A BATH OR SHOWER 6.1 Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3) | C3   |
| 2       | SWF 1 has 100A fuse which needs down rating to 80A                                                                                               | C3   |
|         |                                                                                                                                                  |      |
|         |                                                                                                                                                  |      |

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.

|                                                                         |                                |
|-------------------------------------------------------------------------|--------------------------------|
| C1 - Danger present. Risk of injury. Immediate remedial action required | <input type="text" value="0"/> |
| C2 - Potentially dangerous - urgent remedial action required            | <input type="text" value="0"/> |
| C3 - Improvement recommended                                            | <input type="text" value="2"/> |
| F1 - Further investigation required without delay                       | <input type="text" value="0"/> |

# CONDITION REPORT INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100A SUPPLY

EC2418 - Master

Note: this form is suitable for many types of smaller installations, not exclusively domestic.

| Outcomes   | Acceptable condition                                                                                                                                                                                        | ✓ | Unacceptable condition | State C1 or C2 | Improvement recommended | State C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------|----------------|-------------------------|----------|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| Item No    | Description                                                                                                                                                                                                 |   |                        |                |                         |          |                       |    |              |     | Outcome    |     | Comments       |     |
| <b>1.0</b> | <b>EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)</b>                                                                                                                                      |   |                        |                |                         |          |                       |    |              |     |            |     |                |     |
| 1.1        | Service cable                                                                                                                                                                                               |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 1.2        | Service head                                                                                                                                                                                                |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 1.3        | Earthing arrangement                                                                                                                                                                                        |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 1.4        | Meter tails                                                                                                                                                                                                 |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 1.5        | Metering equipment                                                                                                                                                                                          |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 1.6        | Isolator (where present)                                                                                                                                                                                    |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| <b>2.0</b> | <b>PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)</b>                                                                                                           |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| <b>3.0</b> | <b>EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)</b>                                                                                                                                                     |   |                        |                |                         |          |                       |    |              |     |            |     |                |     |
| 3.1        | Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)                                                                                                                         |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 3.2        | Presence and condition of earth electrode connection where applicable (542.1.2.3)                                                                                                                           |   |                        |                |                         |          |                       |    |              |     | N/A        |     | No             |     |
| 3.3        | Provision of earthing/bonding labels at all appropriate locations (514.13.1)                                                                                                                                |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 3.4        | Confirmation of earthing conductor size (542.3; 543.1.1)                                                                                                                                                    |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 3.5        | Accessibility and condition of earthing conductor at MET (543.3.2)                                                                                                                                          |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 3.6        | Confirmation of main protective bonding conductor sizes (544.1)                                                                                                                                             |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 3.7        | Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)                                                                                                             |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 3.8        | Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)                                                                                                                      |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| <b>4.0</b> | <b>CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)</b>                                                                                                                                                             |   |                        |                |                         |          |                       |    |              |     |            |     |                |     |
| 4.1        | Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)                                                                                                                 |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.2        | Security of fixing (134.1.1)                                                                                                                                                                                |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.3        | Condition of enclosure(s) in terms of IP rating etc (416.2)                                                                                                                                                 |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.4        | Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)                                                                                                                                    |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.5        | Enclosure not damaged/deteriorated so as to impair safety (651.2)                                                                                                                                           |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.6        | Presence of main linked switch (as required by 462.1.201)                                                                                                                                                   |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.7        | Operation of main switch (functional check) (643.10)                                                                                                                                                        |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.8        | Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)                                                                                                                               |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.9        | Correct identification of circuit details and protective devices (514.8.1; 514.9.1)                                                                                                                         |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.10       | Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)                                                                                                              |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.11       | Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)                                                                                           |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.12       | Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)                                                                                                          |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.13       | Presence of other required labelling (please specify) (Section 514)                                                                                                                                         |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.14       | Compatibility of protective devices, bases and other components; correct type and rating (No signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433) |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.15       | Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)                                                                                                                      |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.16       | Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)                                                                             |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.17       | Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)                                                                                         |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.18       | RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)                                                                                                                           |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.19       | RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3; 415.1)                                                                                                                    |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.20       | Confirmation of indication that SPD is functional (651.4)                                                                                                                                                   |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.21       | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)                                                          |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.22       | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)                                                                                                |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 4.23       | Adequate arrangements where a generating set operates in parallel with the public supply (551.7)                                                                                                            |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| <b>5.0</b> | <b>FINAL CIRCUITS</b>                                                                                                                                                                                       |   |                        |                |                         |          |                       |    |              |     |            |     |                |     |
| 5.1        | Identification of conductors (514.3.1)                                                                                                                                                                      |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 5.2        | Cables correctly supported throughout their run (521.10.202; 522.8.5)                                                                                                                                       |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |
| 5.3        | Condition of insulation of live parts (416.1)                                                                                                                                                               |   |                        |                |                         |          |                       |    |              |     | ✓          |     | No             |     |

# CONDITION REPORT INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100A SUPPLY CONTINUED

EC2418 - Master

Note: this form is suitable for many types of smaller installations not exclusively domestic.

| Outcomes | Acceptable condition                                                                                                                                          | ✓ | Unacceptable condition | State C1 or C2 | Improvement recommended | State C3 | Further investigation | FI | Not verified | N/V                 | Limitation         | LIM | Not applicable | N/A      |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------|----------------|-------------------------|----------|-----------------------|----|--------------|---------------------|--------------------|-----|----------------|----------|
| Item No  | Description                                                                                                                                                   |   |                        |                |                         |          |                       |    |              |                     | Outcome            |     |                | Comments |
| 5.0      | FINAL CIRCUITS (Continued)                                                                                                                                    |   |                        |                |                         |          |                       |    |              |                     |                    |     |                |          |
| 5.4      | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)                                                                         |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.4.1    | To include the integrity of conduit and trunking systems (metallic and plastic)                                                                               |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.5      | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)                                            |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.6      | Coordination between conductors and overload protective devices (433.1; 533.2.1)                                                                              |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.7      | Adequacy of protective devices: type and rated current for fault protection (411.3)                                                                           |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.8      | Presence and adequacy of circuit protective conductors (411.3.1; Section 543)                                                                                 |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.9      | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)                                                |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.10     | Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)                                                            |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.11     | Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. Extent and limitations) (522.6.204) |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.12     | Provision of additional requirements for protection by RCD not exceeding 30 mA:                                                                               |   |                        |                |                         |          |                       |    |              |                     |                    |     |                |          |
| 5.12.1   | For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)                                                                     |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.12.2   | For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)                                                                       |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.12.3   | For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)                                                                            |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.12.4   | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)                                                               |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.12.5   | Final circuits supplying luminaires within domestic (household) premises (411.3.4)                                                                            |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.13     | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)                                                         |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.14     | Band II cables segregated/separated from Band I cables (528.1)                                                                                                |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.15     | Cables segregated/separated from communications cabling (528.2)                                                                                               |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.16     | Cables segregated/separated from non-electrical services (528.3)                                                                                              |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.17     | Termination of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526)                                                    |   |                        |                |                         |          |                       |    |              |                     |                    |     |                |          |
| 5.17.1   | Connections soundly made and under no undue strain (526.6)                                                                                                    |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.17.2   | No basic insulation of a conductor visible outside enclosure (526.8)                                                                                          |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.17.3   | Connections of live conductors adequately enclosed (526.5)                                                                                                    |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.17.4   | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)                                                                           |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.18     | Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))                                                                        |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.19     | Suitability of accessories for external influences (512.2)                                                                                                    |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.20     | Adequacy of working space/accessibility to equipment (132.12; 513.1)                                                                                          |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 5.21     | Single-pole switching or protective devices in line conductors only (132.14.1;530.3.3)                                                                        |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 6.0      | LOCATION(S) CONTAINING A BATH OR SHOWER                                                                                                                       |   |                        |                |                         |          |                       |    |              |                     |                    |     |                |          |
| 6.1      | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)                                                              |   |                        |                |                         |          |                       |    |              |                     | C3 (see section K) |     |                | No       |
| 6.2      | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)                                                                           |   |                        |                |                         |          |                       |    |              |                     | N/A                |     |                | No       |
| 6.3      | Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)                                                                                       |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 6.4      | Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)                                                                 |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 6.5      | Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3)                                                                         |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 6.6      | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)                                                     |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 6.7      | Suitability of accessories and controlgear etc. for a particular zone (701.512.3)                                                                             |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 6.8      | Suitability of current-using equipment for particular position within the location (701.55)                                                                   |   |                        |                |                         |          |                       |    |              |                     | ✓                  |     |                | No       |
| 7.0      | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS                                                                                                               |   |                        |                |                         |          |                       |    |              |                     |                    |     |                |          |
| 7.1      | List all other special installations or locations present, if any. (Record separately the results of particular inspections applied.)                         |   |                        |                |                         |          |                       |    |              | Number of locations | 0                  |     |                | No       |

Inspected By

Name: Martyn Thorpe

Date: 29/10/2019

Signature:



Board Details

| TO BE COMPLETED IN EVERY CASE  |            | ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |        |
|--------------------------------|------------|------------------------------------------------------------------------------------------------------------|--------|
| Location of Distribution Board | store room | Supply to distribution board is from:                                                                      | N/A    |
| Distribution board designation | DB 1       | No of phases                                                                                               | N/A    |
|                                |            | Nominal Voltage                                                                                            | N/A V  |
|                                |            | Overcurrent protective device for the distribution circuit                                                 |        |
|                                |            | Type BS(EN)                                                                                                | N/A    |
|                                |            | Rating                                                                                                     | N/A A  |
|                                |            | Associated RCD (if any)                                                                                    |        |
|                                |            | BS(EN)                                                                                                     | N/A    |
|                                |            | RCD No of Poles                                                                                            | N/A    |
|                                |            | RCD Rating                                                                                                 | N/A mA |

Circuit Details

| Circuit number and phase | Circuit designation                 | Type of wiring | Reference method | No of points served | Circuit conductors csa |                     | Max permitted disconnection times (s) | Overcurrent protective device |      |      |            |                             | RCD                    |                          |
|--------------------------|-------------------------------------|----------------|------------------|---------------------|------------------------|---------------------|---------------------------------------|-------------------------------|------|------|------------|-----------------------------|------------------------|--------------------------|
|                          |                                     |                |                  |                     | Live mm <sup>2</sup>   | cpc mm <sup>2</sup> |                                       | BS(EN)                        | AFDD | Type | Rating (A) | Short circuit capacity (kA) | Operating current (Δn) | Maximum permitted Zs (Ω) |
| 1/L1                     | Lts down                            | E              | B                | 16                  | 1.5                    | 1                   | 0.4                                   | 61009 RCD/RCBO                |      | B    | 6          | 10                          | 30                     | 1667                     |
| 1/L2                     | Lts up                              | E              | B                | 12                  | 1.5                    | 1                   | 0.4                                   | 61009 RCD/RCBO                |      | B    | 6          | 10                          | 30                     | 1667                     |
| 1/L3                     | Lts class                           | E              | B                | 5                   | 1.5                    | 1                   | 0.4                                   | 60898 MCB                     |      | C    | 6          | 10                          | N/A                    | 3.64                     |
| 2/L1                     | SPARE                               | -              | -                | -                   | -                      | -                   | -                                     | -                             | -    | -    | -          | -                           | -                      | -                        |
| 2/L2                     | heater corridor                     | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 2/L3                     | Wc hand drier,kitchen heater,heater | E              | B                | 2                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 3/L1                     | SPARE                               | -              | -                | -                   | -                      | -                   | -                                     | -                             | -    | -    | -          | -                           | -                      | -                        |
| 3/L2                     | Skts below                          | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 3/L3                     | Water heater down                   | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 4/L1                     | SPARE                               | -              | -                | -                   | -                      | -                   | -                                     | -                             | -    | -    | -          | -                           | -                      | -                        |
| 4/L2                     | Wc hand drier                       | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 4/L3                     | Skts up                             | E              | B                | 8                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 32         | 10                          | 30                     | 1667                     |
| 5/L1                     | SPARE                               | -              | -                | -                   | -                      | -                   | -                                     | -                             | -    | -    | -          | -                           | -                      | -                        |
| 5/L2                     | heater office                       | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 5/L3                     | heater RHS class                    | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 6/L1                     | Wc heater down                      | E              | B                | 2                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 6/L2                     | hand drier,heater down              | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 6/L3                     | keater large class                  | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 7/L1                     | Sub Mains(DB House)                 | E              | B                | 1                   | 10                     | 4                   | 5                                     | 60898 MCB                     |      | C    | 63         | 10                          | N/A                    | 0.35                     |
| 7/L2                     | heater large class                  | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 7/L3                     | heater ACO office                   | E              | B                | 1                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 8/L1                     | SPARE                               | -              | -                | -                   | -                      | -                   | -                                     | -                             | -    | -    | -          | -                           | -                      | -                        |
| 8/L2                     | Unknown                             | E              | B                | 0                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |
| 8/L3                     | Unknown                             | E              | B                | 0                   | 2.5                    | 1.5                 | 0.4                                   | 61009 RCD/RCBO                |      | B    | 16         | 10                          | 30                     | 1667                     |

Wiring Code

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

## Board Tests

|                                                                                                            |                                                                                  |                                        |                           |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------|---------------------------|
| TO BE COMPLETED IN EVERY CASE                                                                              |                                                                                  | TEST INSTRUMENTS (SERIAL NUMBERS) USED |                           |
| Correct supply polarity confirmed <input checked="" type="checkbox"/>                                      | Phase sequence confirmed (where appropriate) <input checked="" type="checkbox"/> | Earth fault loop impedance             | 225710 RCD 225710         |
| Supplementary Conductors <input checked="" type="checkbox"/>                                               |                                                                                  | Insulation resistance                  | 225710 Multi-function N/A |
| ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                                                                                  | Continuity                             | 225710 Other N/A          |
| Zs N/A $\Omega$ Ipfc N/A kA                                                                                |                                                                                  |                                        |                           |
| Operating times of associated RCD (if any) At I $\Delta$ n N/A ms                                          |                                                                                  |                                        |                           |

## Details of circuits and/or equipment vulnerable to damage

|     |
|-----|
| N/A |
|-----|

## Circuit Tests

| Circuit number and phase | Circuit Impedances<br>Ω                       |                          |                      |                                                    |                   | Insulation resistance |                  |                     |                   |                      | Polarity (v) | Maximum measured earth fault loop impedance<br>Ω | RCD                        |                       | AFDD Test button operation | Remarks see continuation sheet |
|--------------------------|-----------------------------------------------|--------------------------|----------------------|----------------------------------------------------|-------------------|-----------------------|------------------|---------------------|-------------------|----------------------|--------------|--------------------------------------------------|----------------------------|-----------------------|----------------------------|--------------------------------|
|                          | Ring final circuits only (measure end to end) |                          |                      | All circuits (At least one column to be completed) |                   | Test Voltage          | Live/ Live<br>MΩ | Live/ Neutral<br>MΩ | Live/ Earth<br>MΩ | Earth/ Neutral<br>MΩ |              |                                                  | Operating time at IΔn (ms) | Test button operation |                            |                                |
|                          | r <sub>1</sub> (Line)                         | r <sub>n</sub> (Neutral) | r <sub>2</sub> (cpc) | (R <sub>1</sub> + R <sub>2</sub> )                 | (R <sub>2</sub> ) |                       |                  |                     |                   |                      |              |                                                  |                            |                       |                            |                                |
| 1/L1                     | N/A                                           | N/A                      | N/A                  | 0.92                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 1.03                                             | 36                         | ✓                     |                            | NO                             |
| 1/L2                     | N/A                                           | N/A                      | N/A                  | 1.26                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 1.37                                             | 29                         | ✓                     |                            | NO                             |
| 1/L3                     | N/A                                           | N/A                      | N/A                  | 0.80                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.91                                             | N/A                        | N/A                   |                            | NO                             |
| 2/L1                     | -                                             | -                        | -                    | -                                                  | -                 | -                     | -                | -                   | -                 | -                    | -            | -                                                | -                          | -                     | -                          | -                              |
| 2/L2                     | N/A                                           | N/A                      | N/A                  | 0.60                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.71                                             | 39                         | ✓                     |                            | NO                             |
| 2/L3                     | N/A                                           | N/A                      | N/A                  | 0.52                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.63                                             | 39                         | ✓                     |                            | NO                             |
| 3/L1                     | -                                             | -                        | -                    | -                                                  | -                 | -                     | -                | -                   | -                 | -                    | -            | -                                                | -                          | -                     | -                          | -                              |
| 3/L2                     | N/A                                           | N/A                      | N/A                  | 0.38                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.49                                             | 29                         | ✓                     |                            | NO                             |
| 3/L3                     | N/A                                           | N/A                      | N/A                  | 0.37                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.48                                             | 29                         | ✓                     |                            | NO                             |
| 4/L1                     | -                                             | -                        | -                    | -                                                  | -                 | -                     | -                | -                   | -                 | -                    | -            | -                                                | -                          | -                     | -                          | -                              |
| 4/L2                     | N/A                                           | N/A                      | N/A                  | 0.20                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.31                                             | 29                         | ✓                     |                            | NO                             |
| 4/L3                     | 0.75                                          | 0.75                     | 1.25                 | 0.56                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.67                                             | 39                         | ✓                     |                            | NO                             |
| 5/L1                     | -                                             | -                        | -                    | -                                                  | -                 | -                     | -                | -                   | -                 | -                    | -            | -                                                | -                          | -                     | -                          | -                              |
| 5/L2                     | N/A                                           | N/A                      | N/A                  | 0.60                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.71                                             | 39                         | ✓                     |                            | NO                             |
| 5/L3                     | N/A                                           | N/A                      | N/A                  | 0.48                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.59                                             | 39                         | ✓                     |                            | NO                             |
| 6/L1                     | N/A                                           | N/A                      | N/A                  | 0.30                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.41                                             | 39                         | ✓                     |                            | NO                             |
| 6/L2                     | N/A                                           | N/A                      | N/A                  | 0.60                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.71                                             | 29                         | ✓                     |                            | NO                             |
| 6/L3                     | N/A                                           | N/A                      | N/A                  | 0.18                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.29                                             | 38                         | ✓                     |                            | NO                             |
| 7/L1                     | N/A                                           | N/A                      | N/A                  | 0.05                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.16                                             | N/A                        | N/A                   |                            | NO                             |
| 7/L2                     | N/A                                           | N/A                      | N/A                  | 0.20                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.31                                             | 39                         | ✓                     |                            | NO                             |
| 7/L3                     | N/A                                           | N/A                      | N/A                  | 0.19                                               | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | 0.30                                             | 39                         | ✓                     |                            | NO                             |
| 8/L1                     | -                                             | -                        | -                    | -                                                  | -                 | -                     | -                | -                   | -                 | -                    | -            | -                                                | -                          | -                     | -                          | -                              |
| 8/L2                     | N/A                                           | N/A                      | N/A                  | 0                                                  | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | lim                                              | 40                         | ✓                     |                            | NO                             |
| 8/L3                     | N/A                                           | N/A                      | N/A                  | 0                                                  | N/A               | 500                   | N/A              | 200                 | 200               | 200                  | ✓            | lim                                              | 39                         | ✓                     |                            | NO                             |

## Tested By

|           |                                                                                     |                 |                      |
|-----------|-------------------------------------------------------------------------------------|-----------------|----------------------|
| Signature |  | Position        | Approved Electrician |
| Name      | Martyn Thorpe                                                                       | Date of testing | 24/10/2019           |

| TO BE COMPLETED IN EVERY CASE  |            | ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                         |
|--------------------------------|------------|------------------------------------------------------------------------------------------------------------|-------------------------|
| Location of Distribution Board | store room | Supply to distribution board is from: N/A                                                                  | Associated RCD (if any) |
|                                |            | No of phases N/A Nominal Voltage N/A v                                                                     | BS(EN) N/A              |
| Distribution board designation | DB 1       | Overcurrent protective device for the distribution circuit                                                 | RCD No of Poles N/A     |
|                                |            | Type BS(EN) N/A Rating N/A A                                                                               | RCD Rating N/A mA       |

[illegible]

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

| TO BE COMPLETED IN EVERY CASE                                                                              |                                     |                                              |                                     | TEST INSTRUMENTS (SERIAL NUMBERS) USED |                                     |                |                                     |
|------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------|-------------------------------------|----------------------------------------|-------------------------------------|----------------|-------------------------------------|
| Correct supply polarity confirmed                                                                          | <input checked="" type="checkbox"/> | Phase sequence confirmed (where appropriate) | <input checked="" type="checkbox"/> | Earth fault loop impedance             | <input type="text" value="225710"/> | RCD            | <input type="text" value="225710"/> |
| Supplementary Conductors                                                                                   | <input checked="" type="checkbox"/> |                                              |                                     | Insulation resistance                  | <input type="text" value="225710"/> | Multi-function | <input type="text" value="N/A"/>    |
| ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                                     |                                              |                                     | Continuity                             | <input type="text" value="225710"/> | Other          | <input type="text" value="N/A"/>    |
| Zs                                                                                                         | <input type="text" value="N/A"/>    | $\Omega$                                     | Ip                                  | <input type="text" value="N/A"/>       | kA                                  |                |                                     |
| Operating times of associated RCD (if any) At                                                              |                                     |                                              |                                     | $I \Delta t$                           | <input type="text" value="N/A"/>    | ms             |                                     |

|     |
|-----|
| N/A |
|-----|

[illegible]

|           |                                                                                     |                 |                      |
|-----------|-------------------------------------------------------------------------------------|-----------------|----------------------|
| Signature |  | Position        | Approved Electrician |
| Name      | Martyn Thorpe                                                                       | Date of testing | 24/10/2019           |

| TO BE COMPLETED IN EVERY CASE  |            | ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                         |
|--------------------------------|------------|------------------------------------------------------------------------------------------------------------|-------------------------|
| Location of Distribution Board | store room | Supply to distribution board is from: N/A                                                                  | Associated RCD (if any) |
|                                |            | No of phases N/A Nominal Voltage N/A v                                                                     | BS(EN) N/A              |
| Distribution board designation | SWF 1      | Overcurrent protective device for the distribution circuit                                                 | RCD No of Poles N/A     |
|                                |            | Type BS(EN) N/A Rating N/A A                                                                               | RCD Rating N/A mA       |

[illegible]

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



| TO BE COMPLETED IN EVERY CASE  |                 | ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                         |
|--------------------------------|-----------------|------------------------------------------------------------------------------------------------------------|-------------------------|
| Location of Distribution Board | above exit door | Supply to distribution board is from: SubMains(DB 1, 7/L1)                                                 | Associated RCD (if any) |
|                                |                 | No of phases 1 Nominal Voltage 230 v                                                                       | BS(EN) 61008 RCD        |
| Distribution board designation | DB House        | Overcurrent protective device for the distribution circuit                                                 | RCD No of Poles 2       |
|                                |                 | Type BS(EN) 60898 MCB C Rating 63 A                                                                        | RCD Rating 30 mA        |

[illegible]

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

|                                                                                                            |                                     |                                              |                                     |                                        |                                     |                |                                     |
|------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------|-------------------------------------|----------------------------------------|-------------------------------------|----------------|-------------------------------------|
| TO BE COMPLETED IN EVERY CASE                                                                              |                                     |                                              |                                     | TEST INSTRUMENTS (SERIAL NUMBERS) USED |                                     |                |                                     |
| Correct supply polarity confirmed                                                                          | <input checked="" type="checkbox"/> | Phase sequence confirmed (where appropriate) | <input checked="" type="checkbox"/> | Earth fault loop impedance             | <input type="text" value="225710"/> | RCD            | <input type="text" value="225710"/> |
| Supplementary Conductors                                                                                   | <input checked="" type="checkbox"/> |                                              |                                     | Insulation resistance                  | <input type="text" value="225710"/> | Multi-function | <input type="text" value="N/A"/>    |
| ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                                     |                                              |                                     | Continuity                             | <input type="text" value="225710"/> | Other          | <input type="text" value="N/A"/>    |
| Zs                                                                                                         | <input type="text" value="0.16"/>   | $\Omega$                                     | Ip                                  | <input type="text" value="1.54"/>      | kA                                  |                |                                     |
| Operating times of associated RCD (if any) At                                                              |                                     |                                              |                                     | $I \Delta t$                           | <input type="text" value="N/A"/>    | ms             |                                     |

|      |
|------|
| none |
|------|

[illegible]

|           |                                                                                     |                 |                      |
|-----------|-------------------------------------------------------------------------------------|-----------------|----------------------|
| Signature |  | Position        | Approved Electrician |
| Name      | Martyn Thorpe                                                                       | Date of testing | 29/10/2019           |

| TO BE COMPLETED IN EVERY CASE  |            | ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                         |
|--------------------------------|------------|------------------------------------------------------------------------------------------------------------|-------------------------|
| Location of Distribution Board | drill hall | Supply to distribution board is from: SubMains(SWF 1, 1/L1)                                                | Associated RCD (if any) |
|                                |            | No of phases 1 Nominal Voltage 230 v                                                                       | BS(EN) N/A              |
| Distribution board designation | DB 4       | Overcurrent protective device for the distribution circuit                                                 | RCD No of Poles N/A     |
|                                |            | Type BS(EN) 88-2 Fuse HRC Rating 100 A                                                                     | RCD Rating N/A mA       |

[illegible]

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

TO BE COMPLETED IN EVERY CASE

Phase sequence confirmed (where appropriate) ☒

Supplementary Conductors 

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

$Z_s$  0.19  $\Omega$   $I_{pf}$  1.28 kA

|                                                              |     |    |
|--------------------------------------------------------------|-----|----|
| Operating times of associated RCD (if any) At $I_{\Delta n}$ | N/A | ms |
|--------------------------------------------------------------|-----|----|

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault  
loop  
impedance

225710

RCD

225710

Insulation resistance

225710

Multi-  
function

N/A

## Continuity

225710

Other

N/A

## N/A

Circuit Impedances  
 $\Omega$

## Insulation resistance

[illegible]

Signature



Position

Approved Electrician

Name \_\_\_\_\_

Martyn Thorpe

Date of testing

29/10/2019

| TO BE COMPLETED IN EVERY CASE  |       | ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                         |
|--------------------------------|-------|------------------------------------------------------------------------------------------------------------|-------------------------|
| Location of Distribution Board | range | Supply to distribution board is from: SubMains(DB 4, 6/L1)                                                 | Associated RCD (if any) |
|                                |       | No of phases 1 Nominal Voltage 230 v                                                                       | BS(EN) N/A              |
| Distribution board designation | DB 5  | Overcurrent protective device for the distribution circuit                                                 | RCD No of Poles N/A     |
|                                |       | Type BS(EN) 60898 MCB B Rating 32 A                                                                        | RCD Rating N/A mA       |

[illegible]

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

|                                                                                                            |      |                                                                                  |     |                                        |        |                |        |
|------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------|-----|----------------------------------------|--------|----------------|--------|
| TO BE COMPLETED IN EVERY CASE                                                                              |      |                                                                                  |     | TEST INSTRUMENTS (SERIAL NUMBERS) USED |        |                |        |
| Correct supply polarity confirmed <input checked="" type="checkbox"/>                                      |      | Phase sequence confirmed (where appropriate) <input checked="" type="checkbox"/> |     | Earth fault loop impedance             | 225710 | RCD            | 225710 |
| Supplementary Conductors <input checked="" type="checkbox"/>                                               |      |                                                                                  |     | Insulation resistance                  | 225710 | Multi-function | N/A    |
| ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |      |                                                                                  |     | Continuity                             | 225710 | Other          | N/A    |
| Zs                                                                                                         | 0.22 | $\Omega$                                                                         | Ipf | 0.911                                  | kA     |                |        |
| Operating times of associated RCD (if any) At I $\Delta$ n                                                 |      |                                                                                  |     | N/A                                    | ms     |                |        |

|      |
|------|
| none |
|------|

[illegible]

|           |                                                                                     |                 |                      |
|-----------|-------------------------------------------------------------------------------------|-----------------|----------------------|
| Signature |  | Position        | Approved Electrician |
| Name      | Martyn Thorpe                                                                       | Date of testing | 29/10/2019           |

| TO BE COMPLETED IN EVERY CASE  |                 | ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                       |
|--------------------------------|-----------------|------------------------------------------------------------------------------------------------------------|-----------------------|
| Location of Distribution Board | outside armoury | Supply to distribution board is from:                                                                      | SubMains(DB 1, 12/L3) |
| Distribution board designation | DB 3            | No of phases                                                                                               | 1                     |
|                                |                 | Nominal Voltage                                                                                            | 230 V                 |
|                                |                 | Overcurrent protective device for the distribution circuit                                                 |                       |
| Type BS(EN)                    | 60898 MCB B     | Rating                                                                                                     | 63 A                  |
|                                |                 | Associated RCD (if any)                                                                                    |                       |
|                                |                 | BS(EN)                                                                                                     | 61008 RCD             |
|                                |                 | RCD No of Poles                                                                                            | 2                     |
|                                |                 | RCD Rating                                                                                                 | 30 mA                 |

[illegible]

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

|                                                                                                            |                                     |                                              |                                     |                                        |                                     |                |                                     |
|------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------|-------------------------------------|----------------------------------------|-------------------------------------|----------------|-------------------------------------|
| TO BE COMPLETED IN EVERY CASE                                                                              |                                     |                                              |                                     | TEST INSTRUMENTS (SERIAL NUMBERS) USED |                                     |                |                                     |
| Correct supply polarity confirmed                                                                          | <input checked="" type="checkbox"/> | Phase sequence confirmed (where appropriate) | <input checked="" type="checkbox"/> | Earth fault loop impedance             | <input type="text" value="225710"/> | RCD            | <input type="text" value="225710"/> |
| Supplementary Conductors                                                                                   | <input checked="" type="checkbox"/> |                                              |                                     | Insulation resistance                  | <input type="text" value="225710"/> | Multi-function | <input type="text" value="N/A"/>    |
| ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION |                                     |                                              |                                     | Continuity                             | <input type="text" value="225710"/> | Other          | <input type="text" value="N/A"/>    |
| Zs                                                                                                         | <input type="text" value="0.17"/>   | $\Omega$                                     | Ip                                  | <input type="text" value="2.11"/>      | kA                                  |                |                                     |
| Operating times of associated RCD (if any) At I $\Delta$ n                                                 |                                     |                                              |                                     | <input type="text" value="N/A"/>       | ms                                  |                |                                     |

|      |
|------|
| none |
|------|

[illegible]

|           |                                                                                     |                 |                      |
|-----------|-------------------------------------------------------------------------------------|-----------------|----------------------|
| Signature |  | Position        | Approved Electrician |
| Name      | Martyn Thorpe                                                                       | Date of testing | 29/10/2019           |

## CONDITION REPORT GUIDANCE FOR RECIPIENTS (to be appended to the Report)

**This Report is an important and valuable document which should be retained for future reference.**

1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section K).
2. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
3. The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.
4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. **For safety reasons it is important that this instruction is followed.**
5. 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.
6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.
7. For items classified in Section K as C1 ('Danger present'), **the safety of those using the installation is at risk**, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
8. For items classified in Section K as C2 ('Potentially dangerous'), **the safety of those using the installation may be at risk** and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
9. Where it has been stated in Section K that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F).
10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated in Section F of the Report under 'Recommendations' and on a label at or near to the consumer unit/distribution board.