# ELECTRICAL INSTALLATION CONDITION REPORT

**FT/EICR** 8170000001272

*for Domestic and Similar Premises up to 100 A*

Requirements for Electrical Installations
BS 7671:2018+A2:2022 (IET Wiring Regulations 18th Edition)

Andrews' Building Contractors

## A. Details of the Installation

| | | | |
|---|---|---|---|
| Client | Dart & Partners | Installation | C/O Dart & Partners |
| Address | 12<br>The Triangle<br>Triangle Park<br>Teignmouth<br>Devon | Address | Flat 4, 1 South View<br>TEIGNMOUTH |
| Postcode | TQ14 8AT | Postcode | TQ14 8BJ |

## B. Reason for Producing this Report

*This form is to be used only for reporting on the condition of an existing installation.*

5 yearly test due

Date(s) on which the inspection and testing were carried out: 26/01/2023 to 26/01/2023

## C. Details of Installation which is the Subject of this Report

Description of premises: Domestic ☑ Commercial ☐ Industrial ☐ Other (please specify)

Estimated age of the wiring system: 20 years

Evidence of alterations or addition: Yes ☑ No ☐ Not apparent ☐ if 'Yes', estimated 5 years

Records of installation available: Yes ☐ No ☑ Records held by

Date of last inspection: Not Known Electrical Installation Certificate No. or previous Inspection Report No.

## D. Extent of Electrical Installation Covered by this Report:

FIXED WIRING TEST ONLY

**Agreed Limitations and Operational Limitations (Regulations 653.2)**

NO ACCESS TO UNDER FLOORS, IN CEILING OR WALL VOIDS, OR ANY WHERE THAT MAY CAUSE DAMAGE TO THE PROPERTY

Agreed with: D&P Extent of Termination Sampling: >50

The inspection and testing detailed within this report and accompanying schedule has been carried out in accordance with BS 7671: 2018 (IET Wiring Regulations) amended to 2022

It should be noted that cables concealed within trunkings 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.

## E. Summary of the Condition of the Installation

General conditions of the installation (in terms of electrical safety)

Overall assessment of the installation in terms of its suitability for continued use **SATISFACTORY** ☑ ***UNSATISFACTORY** ☐

GENERALLY GOOD FOR CONTINUED USE AND SERVICE

*An UNSATISFACTORY assessment indicates that dangerous (code C1), or potentially dangerous (code C2) conditions have been identified

## F. Recommendations

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY I/we recommend that any observations classified as 'Danger present' (code C1) or 'Potential dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further Investigation required' (code FI). Observations classified as 'Improvement recommended' (code C3) should be given due consideration. Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by 26/01/2028 (date) for the following reasons:

5 YEARLY REPORT

## G. Declaration

I/we being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described 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 the 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.

| | | Inspected and tested by | Authorised for issue by |
|---|---|---|---|
| Company | Andrews' Building Contractors Ltd | | |
| Address | Casa Blanca, Lower Penns Road, Paignton, | Name: Simon Hammond | Simon Hammond |
| | | Signature: | |
| Postcode | TQ3 1JE | | |
| Branch No. | 001 | Position: Electrician | Electrician |
| Scheme No. | | Date: 26/01/2023 | 30/01/2023 |

## H. Schedule(s)

1 schedule(s) of inspection and 1 schedule(s) of Circuit Details and Test Results are attached.

The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

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## I. Supply Characteristics and Earthing Arrangements

Earthing Arrangements TN-S ☐ TN-C-S ☑ TT ☐ Other ☐ Please specify

Number & Type of live conductors AC ☑ DC ☐ No. of phases 1 No. of wires 2

**Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)**

Nominal voltage, $U/U_0$ (1) 230 v Nominal frequency, $f$(1) 50 $H_z$ Confirmation of supply polarity ☑

Prospective fault current, $I_{pf}$ (2) 1.25 kA External loop impedance, $Z_e$ (2) 0.18 Ω

Supply Protective Device BS (EN) LIM Type LIM Rated Current LIM A

No. of Additional Supplies N/A

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

**Means of Earthing**

**Details of installation Earth Electrode** (where applicable) Type (e.g. rod(s), tape etc)

Distributors facility ☑ Installation Earth Electrode ☐

Location Electrode resistance to earth Ω Maximum Demand (load) 60 Amps ☑ KVA ☐

| **Main Protective Conductors** | **Material** | **csa** | | **(✓) or Value** | | | **(✓) or Value** | | |
|---|---|---|---|---|---|---|---|---|---|
| Earthing Conductor | Copper | 16 | mm² | Continuity Verified | ☑ | Ω | Connection Verified | ☑ | Ω |
| Protective Bonding Conductor | Copper | 10 | mm² | Continuity Verified | ☑ | Ω | Connection Verified | ☑ | Ω |

| | **Material** | **csa** | | **(connection / continuity)** | **(✓) or Value** | | | **(✓) or Value** | |
|---|---|---|---|---|---|---|---|---|---|
| **Main Supply Conductor** | Copper | 25 | mm² | Water installation | ☑ | Ω | To structural steel | ☐ | Ω |
| **Main Switch** Location | LOW LEVEL RIGHT OF ENTRANCE DOOR | | | Gas installation pipes | ☐ | Ω | To lightning protection | ☐ | Ω |
| **Fuse/device rating or setting** | Switch A | Voltage rating 230 V | | Oil installation pipes | ☐ | Ω | Other | ☐ | Ω |
| **If RCD main switch:** | Rated residual operating current I Δn | mA | | | | | | | |

BS(EN) 60947-3 No. of Poles 2 Current Rating 100 A Rated time delay ms Measured operating trip time ms

## K. Observations

Referring to the attached inspection schedule(s) and schedule(s) of circuit details and test results, and subject to the limitations specified at the Extent and limitations of inspection and testing Section D.

☐ No remedial work required

☑ The following observations are made

**Explanation of codes**

| | |
|---|---|
| C1 | Danger present. Risk of Injury. Immediate remedial action required. |
| C2 | Potentially dangerous. Urgent remedial action required. |
| C3 | Improvement recommended. |
| FI | Further Investigation required without delay |

| Item No. | Observations | Code |
|---|---|---|
| 1 | NOTE: NO SURGE PROTECTION INSTALLED | N/A |
| 2 | NOTE: CONSUMER UNIT IS NOT OF METAL CONSTRUCTION | N/A |

*One of the following codes, as appropriate, has been allocated to each of the observations made above and/or any attached observation sheets 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. | 0 |
| C2 Potentially dangerous. Urgent remedial action required. | 0 |
| C3 Improvement recommended. | 0 |
| FI Further Investigation required without delay | 0 |

The above values are a total count of Observation per outcome

**Outcomes**

| Acceptable condition: | Unacceptable condition: State | Improvement recommended: | Further Investigation: | Not Verified: | Limitation: | Not Applicable: | Inadequacies: (Items 1.1 - 1.1.5 Only) |
|---|---|---|---|---|---|---|---|
| ✓ | C1 or C2 | C3 | FI | NV | L | N/A | ✗ |

In the outcome column use the codes above. Provide additional comment where appropriate. C1/C2/C3 and FI coded items to be recorded in section K of the condition report.

| Item No. | Description | Outcome |
|---|---|---|
| **1.0 INTAKE EQUIPMENT (VISUAL INSPECTION ONLY);** | | |
| 1.1 | Service cable | ✓ |
| 1.1.1 | Service head | ✓ |
| 1.1.2 | Earthing arrangement | ✓ |
| 1.1.3 | Meter tails | ✓ |
| 1.1.4 | Metering equipment | ✓ |
| 1.1.5 | Isolator (where present) | N/A |
| 1.1.6 | Person ordering work/dutyholder notified (Delete as appropriate) NOTE 1 Where inadequacies in the intake equipment are encountered, which may result in a dangerous or potentially dangerous situation, the person ordering the work and/or dutyholder must be informed. It is strongly recommended that the person ordering the work informs the appropriate authority. NOTE 2 For this section only, where inadequacies are found, an X should be put against the appropriate item and a comment made in Section K | N/A |
| 1.2 | Consumer's Isolator (where present) | N/A |
| 1.3 | Consumer's meter tails | ✓ |
| **2.0 Presence of adequate arrangements for other sources such as microgenerators (551.6; 551.7)** | | |
| 2.1 | Presence of adequate arrangements where generator to operate as a switched alternative (551.6) | N/A |
| 2.2 | Adequate arrangements where a generating set operates in parallel with the public supply (551.7) | N/A |
| **3.0 EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)** | | |
| 3.1 | Presence and condition of distributor's earthing arrangements (542.1.2.1: 542.1.2.2) | ✓ |
| 3.2 | Presence and condition of earth electrode connection where applicable (542.1.2.3) | N/A |
| 3.3 | Provision of earthing/bonding labels at all appropriate locations (514.13.1) | ✓ |
| 3.4 | Confirmation of earthing conductor size (542.3; 543.1.1) | ✓ |
| 3.5 | Accessibility and condition of earthing conductor at MET arrangement (543.3.2) | ✓ |
| 3.6 | Confirmation of main protective bonding conductor sizes (544.1) | ✓ |
| 3.7 | Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2) | ✓ |
| 3.8 | Accessibility and condition of other protective bonding connections (543.3.1: 543.3.2) | ✓ |
| **4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)** | | |
| 4.1 | Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1) | ✓ |
| 4.2 | Security of fixing (134.1.1) | ✓ |
| 4.3 | Condition of enclosure(s) in terms of IP rating etc (416.2) | ✓ |
| 4.4 | Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5) | ✓ |
| 4.5 | Enclosure not damaged/deteriorated so as to impair safety (651.2) | ✓ |
| 4.6 | Presence of main linked switch (as required by 462.1.201) | N/A |
| 4.7 | Operation of main switch(es) (functional check) (643.10) | ✓ |
| 4.8 | Manual operation of circuit-breakers and RCDs and AFDDs to prove functionality (643.10) | ✓ |
| 4.9 | Correct identification of circuit details and protective devices (514.8.1; 514.9.1) | ✓ |
| 4.10 | Presence of RCD six-monthly test notice at or near consumer unit/distribution board, where required (514.12.2) | ✓ |
| 4.11 | Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15) | N/A |
| 4.12 | Presence of other required labelling (please specify) (Section 514) | N/A |
| 4.13 | Compatibility of protective devices, bases and other components; correct type and rating, (No signs of unacceptable thermal damage, arcing or overheating) (411.4; 411.5; 411.6; Sections 432,433) | ✓ |
| 4.14 | Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3) | ✓ |
| 4.15 | Protection against mechanical damage where cables enter consumer unit/distribution board (522.8.1; 522.8.5; 522.8.11) | ✓ |
| 4.16 | Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1) | ✓ |
| 4.17 | RCD(s) provided for fault protection -includes RCBO(s) (411.4.204; 411.5.2; 531.2) | ✓ |
| 4.18 | RCD(s) provided for additional protection/requirements - includes RCBO(s) (411.3.3; 415.1) | ✓ |
| 4.19 | Confirmation of indication that SPD is functional (651.4) | N/A |
| 4.20 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | ✓ |
| 4.21 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) | N/A |
| 4.22 | Adequate arrangements where a generating set operates in parallel with the public supply (551.7) | N/A |
| **5.0 FINAL CIRCUITS** | | |
| 5.1 | Identification of conductors (514.3.1) | ✓ |
| 5.2 | Cables correctly supported throughout their run (521.10.202; 522.8.5) | ✓ |
| 5.3 | Condition of insulation of live parts (416.1) | ✓ |

| | | |
|---|---|---|
| 5.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1). To include in the integrity of conduit and trunking systems (metallic and plastic) | ✓ |
| 5.5 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | ✓ |
| **5.0 FINAL CIRCUITS CONT** | | |
| 5.6 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | ✓ |
| 5.7 | Adequacy of protective devices: type and rated current for fault protection (411.3) | ✓ |
| 5.8 | Presence and adequacy of circuit protective conductors (411.3.1: Section 543) | ✓ |
| 5.9 | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) | ✓ |
| 5.10 | Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) | ✓ |
| 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) | ✓ |
| **5.12 PROVISION OF ADDITIONAL REQUIREMENTS FOR 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) | ✓ |
| 5.12.2 | For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) | ✓ |
| 5.12.3 | For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203) | ✓ |
| 5.12.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) | ✓ |
| 5.12.5 | Final circuits supplying luminaires within domestic (household) premises (411.3.4) | ✓ |
| 5.12.6 | For lighting that is accessible to the public (714.411.3.4) | ✓ |
| 5.13 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | ✓ |
| 5.14 | Band II cables segregated/separated from Band I cables (528.1) | ✓ |
| 5.15 | Cables segregated/separated from communications cabling (528.2) | ✓ |
| 5.16 | Cables segregated/separated from non-electrical services (528.3) | ✓ |
| **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) | ✓ |
| 5.17.2 | No basic insulation of a conductor visible outside enclosure (526.8) | ✓ |
| 5.17.3 | Connections of live conductors adequately enclosed (526.5) | ✓ |
| 5.17.4 | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | ✓ |
| 5.18 | Condition of accessories including socket-outlets, switches and joint boxes (651.2 (v)) | ✓ |
| 5.19 | Suitability of accessories for external influences (512.2) | ✓ |
| 5.20 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | ✓ |
| 5.21 | Single-pole switching or protective devices in line conductors only (132.14; 530.3.3) | ✓ |
| **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) | ✓ |
| 6.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | N/A |
| 6.3 | Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | ✓ |
| 6.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2) | ✓ |
| 6.5 | Low voltage (e.g. 230 V) socket-outlets sited at least 2.5 m from zone 1 (701.512.3) | ✓ |
| 6.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | ✓ |
| 6.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | ✓ |
| 6.8 | Suitability of current-using equipment for particular position within the location (701.55) | ✓ |
| **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.) | N/A |
| **8.0 PROSUMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S)** | | |
| 8.1 | Where the installation includes additional requirements and recommendations relating to Chapter 82, additional inspection items should be added to the checklist. | N/A |

## 9.0 Schedule of Tests

Results to be recorded on Schedule of Test Results

| | | |
|---|---|---|
| 9.1 | External earth loop impedance, $Z_e$ | Yes |
| 9.2 | Installation earth electrode | N/A |
| 9.3 | Prospective fault current, $I_{pf}$ | Yes |
| 9.4 | Continuity of Earth Conductors | Yes |
| 9.5 | Continuity of Circuit Protective Conductors | Yes |
| 9.6 | Continuity of ring final circuit | Yes |
| 9.7 | Continuity of Protective Bonding Conductors | Yes |
| 9.8 | Volt drop verified | Yes |

| | | |
|---|---|---|
| 9.9 | Insulation Resistance between Live Conductors | Yes |
| 9.10 | Insulation Resistance between Live Conductors & Earth | Yes |
| 9.11 | Polarity (prior to energisation) | Yes |
| 9.12 | Polarity (after energisation) including phase sequence | Yes |
| 9.13 | Earth Fault Loop Impedance | Yes |
| 9.14 | RCDs/RCBOs including selectivity | Yes |
| 9.15 | Functional testing of RCD devices | Yes |
| 9.16 | Functional testing of AFDD(s) devices | N/A |

Inspector's Name: Simon Hammond

Signature:

Date: 26/01/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

*for Domestic and Similar Premises up to 100 A*

Requirements for Electrical Installations
BS7671 :2018+A2:2022 (IET Wiring Regulations 18th Edition)

**FT/EICR** 8170000001272

Andrews' Building Contractors

| | | | |
|---|---|---|---|
| **Client Name** | Dart & Partners | **Installation Address** | C/O Dart & Partners, Flat 4, 1 South View, TEIGNMOUTH |
| **Client Address** | 12, The Triangle<br>Triangle Park, Teignmouth, Devon | **Postcode** | TQ14 8BJ |
| **Client Postcode** | TQ14 8AT | | |

**Distribution board details - Complete in every case**

SPD Details: Type(s)* T1 ☐ T2 ☐ T3† ☐ N/A ☑

Location: BY FLAT DOOR LOW LEVEL

Designation: DB 1

No. of ways: 7

**Complete only if the distribution board is not connected directly to the origin of the installation**

Overcurrent protective device for the distribution circuit: Supply to distribution board is from

No. of phases: 1 BS(EN): Type: Rating: A

Nominal voltage: 230 V RCD BS(EN): Type: Rating: IΔn mA

## SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) L / N | Circuit conductors csa (mm²) CPC | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices BS EN Number | Overcurrent protective devices Type No. | Overcurrent protective devices Rating (A) | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD BS EN Number | RCD Type No. | RCD IΔn (mA) | RCD Rating (A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/S | COOKER | A | 100 | 1 | 6 | 2.5 | 0.4 | 60898 MCB | C | 32 | 6 | 0.54 | 61008 | A | 30 | 80 |
| 2/S | WATER HEATER | A | 100 | 1 | 6 | 2.5 | 0.4 | 60898 MCB | C | 32 | 6 | 0.54 | 61008 | A | 30 | 80 |
| 3/S | SOCKETS | A | 100 | 7 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 16 | 6 | 1.09 | 61008 | A | 30 | 80 |
| 4/S | SHOWER | A | 100 | 1 | 6 | 2.5 | 0.4 | 60898 MCB | B | 32 | 6 | 1.09 | 61008 | A | 30 | 80 |
| 5/S | D/FLOW & TOWEL RAD | A | 100 | 2 | 2.5 | 1.5 | 0.4 | 60898 MCB | B | 10 | 6 | 3.49 | 61008 | A | 30 | 80 |
| 6/S | SMOKES & LIGHTS | A | 100 | 5 | 1 | 1 | 0.4 | 60898 MCB | B | 6 | 6 | 5.82 | 61008 | A | 30 | 80 |
| 7/S | SPARE | | | | | | | | | | | | | | | |

Wiring Types: **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

* SPD Type. Where a combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both boxes.
t Where a T3 SPD is installed to protect sensitive equipment, enter Details of Circuits, of the Schedule of Test Results. (See Section 534 of BS 7671:2018+A2:2022.)
:j: See Table 4A2 of Appendix 4 of BS 7671:2018+A2:2022.
§ Where the maximum permitted earth fault loop impedance value stated in Max Zs column is taken from a source other than the tabulated values given in Chapter 41 of BS 7671:2018+A2:2022, state the source of the data in the appropriate cell for the circuit in the change to Schedule of Test Results

# ELECTRICAL INSTALLATION CONDITION REPORT - Test Results

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**FT/EICR** 8170000001272

Andrews' Building Contractors

| | | | |
|---|---|---|---|
| **Client Name** | Dart & Partners | **Installation Address** | C/O Dart & Partners, Flat 4, 1 South View, TEIGNMOUTH |
| **Client Address** | 12, The Triangle<br>Triangle Park, Teignmouth, Devon | **Client Postcode** | TQ14 8AT |
| | | **Installation Postcode** | TQ14 8BJ |

**Distribution board details - Complete in every case**

Location: BY FLAT DOOR LOW LEVEL
Designation: DB 1
No. of ways: 7 ☑ Supply polarity confirmed ☐ Phase sequence confirmed
No. of phases: 1 SPD: ☐ Operational status confirmed ☑ Not applicable

**Complete only if the distribution board is not connected directly to the origin of the installation**

Associated RCD (if any): BS (EN)
$Z_{db}$ 0.18 Ω Operating at IΔn ms
$I_{pf}$ 1.25 kA No. of poles Time delay (if applicable)

## TEST RESULTS

| Circuit No. and Line | Circuit impedance Ω | | | | | | Insulation resistance (Record lower reading) | | | Polarity | Max. Measured Zs (Ω) | RCD testing | Manual test button operation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ring final circuits only | | | Fig 8 check | R1R2 or R2 | | Test voltage | L/L, L/N | L/E, N/E | | | All RCDs IΔn ms | RCD | AFDD |
| | r1 | rn | r2 | (✓) | R1 + R2 | R2 | V | M(Ω) | M(Ω) | | | | (✓) | (✓) |
| 1/S | N/A | N/A | N/A | N/A | 0.12 | N/A | 250 | >299 | >299 | ✓ | 0.31 | 29 | ✓ | N/A |
| 2/S | N/A | N/A | N/A | N/A | 0.31 | N/A | 250 | >299 | >299 | ✓ | 0.48 | 29 | ✓ | N/A |
| 3/S | N/A | N/A | N/A | N/A | 0.87 | N/A | 250 | >299 | >299 | ✓ | 1.01 | 29 | ✓ | N/A |
| 4/S | N/A | N/A | N/A | N/A | 0.05 | N/A | 250 | >299 | >299 | ✓ | 0.22 | 28 | ✓ | N/A |
| 5/S | N/A | N/A | N/A | N/A | 0.23 | N/A | 250 | >299 | >299 | ✓ | 0.41 | 28 | ✓ | N/A |
| 6/S | N/A | N/A | N/A | N/A | 0.48 | N/A | 250 | >299 | >299 | ✓ | 0.68 | 28 | ✓ | N/A |
| 7/S | N/A | N/A | N/A | N/A | | | | | | N/A | | | N/A | N/A |

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/01/2023 To 26/01/2023
Date(s) live testing 26/01/2023 To 26/01/2023

Test instrument serial number(s)

Loop impedance 18091173 Insulation resistance 18091173 Continuity 18091173 RCD 18091173 E/Electrode

Tested by: Name (capital letters) SIMON HAMMOND Signature

Position Electrician Date 26/01/2023

Andrews' Building Contractors

# Electrical Installation Condition Report

**Requirements for Electrical Installations - BS 7671:2018+A2:2022**
**(IET Wiring Regulations 18th Edition)**

## Guidance for recipients:

### 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. This Report is only valid if accompanied by the Inspection Schedule(s) and the Schedule(s) of Circuit Details and Test Results.

3. The person ordering the Report should have received the original Report and the inspector should have retained a duplicate.

4. 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.

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 could not, due to the extent or limitations of this inspection, be fully identified. Such observations should be investigated as soon as possible. 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 (where required).

11. Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or 'Test'. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. **For safety reasons it is important that this instruction is followed.**

12. Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.

13. Where the installation includes a surge protective device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice. For safety reasons it is important that this instruction is followed.

14. Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.