# 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.

# ELECTRICAL INSTALLATION CONDITION REPORT

**FT/EICR** 2670000237149

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

## A. Details of the Installation

| | | | |
|---|---|---|---|
| Client | UPP Residential Services Ltd | Installation | Cartwright Gardens |
| Address | First Floor<br>12 Arthur Street<br><br>London, | Address | 1 Cartwright Gardens<br>Kings Cross<br>London |
| Postcode | EC4R 9AB | Postcode | WC1H 9EN |

## B. Reason for Producing this Report

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

Essential information requested by the client in accordance with the electricity at **--Please see Continuation Page--**

Date(s) on which the inspection and testing were carried out 11/12/2023 to

## 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 7 years

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

Testing of all sub mains, lighting and power circuits, within the constraints of the agreed limitations.

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

Unable to completely isolate the installation. Unable to access the sealed supply device characteristics. Ze and Ipf have been taken with all earthing and bonding in place. Insulation resistance testing has been carried out to regulation 643.3.3 on circuits were it was impracticable to disconnect load. Equipment at a height greater than 3m above floor level is generally considered inaccessible for the purpose of this testing and has **--Please see Continuation Page--**

Agreed with: Trevor Extent of Termination Sampling: N/A

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** ☑

This report only cover 20% of the building.

The incoming supply, metering equipment, main bonding and protective bonding were not verified.
**--Please see Continuation Page--**

*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 11/12/2028 (date) for the following reasons:

N/A

## 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 | PHS Compliance | Name: | | James Pollard |
| Address | Kid Glove Road, Golborne, Warrington, | Signature: | |  |
| Postcode | WA3 3GR | | | |
| Branch No. | | Position: | | Technical Auditor |
| Scheme No. | | Date: | | 21/12/2023 |

**EICRs are produced by a UKAS accredited inspection body, No. 0433**

## H. Schedule(s)

1 schedule(s) of inspection and 24 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.

# ELECTRICAL INSTALLATION CONDITION REPORT

FT/EICR 2670000237149

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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 3 No. of wires 4

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

Nominal voltage, $U/U_0$ (1) 400 v Nominal frequency, $f$(1) 50 $H_z$ Confirmation of supply polarity ☐

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

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

Location N/A Electrode resistance to earth N/A Ω

**Means of Earthing**

Distributors facility ☑ Installation Earth Electrode ☐

Maximum Demand (load) Amps ☐ KVA ☐

| Main Protective Conductors | Material | csa | | (✓) | or Value | | (✓) | or Value | |
|---|---|---|---|---|---|---|---|---|---|
| Earthing Conductor | LIM | LIM | mm² | Continuity Verified | ☐ | Ω | Connection Verified | ☐ | Ω |
| Protective Bonding Conductor | LIM | LIM | mm² | Continuity Verified | ☐ | Ω | Connection Verified | ☐ | Ω |

| | Material | csa | | (connection / continuity) | (✓) | or Value | | (✓) | or Value |
|---|---|---|---|---|---|---|---|---|---|
| **Main Supply Conductor** | LIM | LIM | mm² | Water installation | NA | Ω | To structural steel | NA | Ω |
| **Main Switch** Location LIM | | | | Gas installation pipes | NA | Ω | To lightning protection | NA | Ω |
| **Fuse/device rating or setting** LIM A Voltage rating LIM V | | | | Oil installation pipes | NA | Ω | | | |
| **If RCD main switch:** Rated residual operating current I Δn N/A mA | | | | Other | | NA Ω | | | |

BS(EN) LIM No. of Poles LIM Current Rating LIM A Rated time delay N/A ms Measured operating trip time N/A 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 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R1/5/L<br>Regulation: 534.4.1.1 | C3 |
| 2 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R1/5/P.<br>Regulation: 534.4.1.1 | C3 |
| 3 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R1/5/P. CCT: 1L1, 1L2, 1L3, 2L1, 2L2, 2L3, 3L1, 3L2, 3L3, 4L1, 4L2, 4L3, 5L1, 5L2, 5L3, 6L1, 6L2, 6L3, 7L1, 7L2, 9L3.<br>Regulation: 531.3.3 | C3 |
| 4 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R2/5/L<br>Regulation: 534.4.1.1 | C3 |
| 5 | Observation: 1 x Screw missing from DB cover, cover still secure.<br>Location: DB MB/R2/5/L.<br>Regulation: 416.2.3 | C3 |
| 6 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R2/5/P.<br>Regulation: 534.4.1.1 | C3 |
| 7 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R2/5/P. CCT: 1L1, 1L2, 1L3, 2L1, 2L2, 2L3, 3L1, 3L2, 3L3, 4L1, 4L2, 4L3, 5L1, 5L2, 5L3, 6L1, 6L2, 6L3, 7L2, 7L3, 8L1, 9L3.<br>Regulation: 531.3.3 | C3 |
| 8 | Observation: All untraced circuits must have their circuit designations verified.<br>Location: DB MB/R3/5/P. CCT: 2L1<br>Regulation: 514.8.1 | FI |

| Item No. | Observations | Code |
|---|---|---|
| 9 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R3/5/P.<br>Regulation: 534.4.1.1 | C3 |
| 10 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R3/5/P. CCT: 1L1, 1L2, 2L2, 2L3, 3L2, 5L1, 5L2, 6L1, 6L2.<br>Regulation: 531.3.3 | C3 |
| 11 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R3/5/L.<br>Regulation: 534.4.1.1 | C3 |
| 12 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R1/4/L.<br>Regulation: 534.4.1.1 | C3 |
| 13 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R1/4/P.<br>Regulation: 534.4.1.1 | C3 |
| 14 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R1/4/P. CCT: 1L1, 1L2, 1L3, 2L1, 2L2, 2L3, 3L1, 3L2, 3L3, 4L1, 4L2, 4L3, 5L1, 5L2, 5L3, 6L1, 6L2, 6L3, 7L1, 7L2.<br>Regulation: 531.3.3 | C3 |
| 15 | Observation: All untraced circuits must have their circuit designations verified.<br>Location: DB MB/R1/4/P. CCT: 9L1<br>Regulation: 514.8.1 | FI |
| 16 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R2/4/L.<br>Regulation: 534.4.1.1 | C3 |
| 17 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R2/4/P.<br>Regulation: 534.4.1.1 | C3 |
| 18 | Observation: 1 x Screw missing from DB cover, cover still secure.<br>Location: DB MB/R2/4/L.<br>Regulation: 416.2.3 | C3 |
| 19 | Observation: 2 x Screws missing from DB cover, cover still secure.<br>Location: DB MB/R2/4/P.<br>Regulation: 416.2.3 | C3 |
| 20 | Observation: All untraced circuits must have their circuit designations verified.<br>Location: DB MB/R2/4/P. CCT: 10L3<br>Regulation: 514.8.1 | FI |
| 21 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R2/4/P. CCT: 1L1, 1L2, 1L3, 2L1, 2L2, 2L3, 3L1, 3L2, 3L3, 4L1, 4L2, 4L3, 5L1, 5L2, 5L3, 6L1, 6L2, 6L3, 7L1, 7L2, 7L3, 8L1, 9L3.<br>Regulation: 531.3.3 | C3 |
| 22 | Observation: All untraced circuits must have their circuit designations verified.<br>Location: DB MB/R3/4/P. CCT: 7L2<br>Regulation: 514.8.1 | FI |
| 23 | Observation: All untraced circuits must have their circuit designations verified.<br>Location: DB MB/R3/5/L. CCT: 2L1<br>Regulation: 514.8.1 | FI |
| 24 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R3/4/L.<br>Regulation: 534.4.1.1 | C3 |
| 25 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R3/4/P.<br>Regulation: 534.4.1.1 | C3 |
| 26 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R3/4/P. CCT: 1L1, 1L2, 2L2, 2L3, 3L2, 5L1, 5L2, 6L1, 6L2.<br>Regulation: 531.3.3 | C3 |
| 27 | Observation: All untraced circuits must have their circuit designations verified.<br>Location: DB MB/R1/3/P. CCT: 10L3<br>Regulation: 514.8.1 | FI |

| Item No. | Observations | Code |
|---|---|---|
| 28 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R1/3/L.<br>Regulation: 534.4.1.1 | C3 |
| 29 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R1/3/P.<br>Regulation: 534.4.1.1 | C3 |
| 30 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R1/3/P. CCT: 1L1, 1L2, 1L3, 2L1, 2L2, 2L3, 3L1, 3L2, 3L3, 4L1, 4L2, 4L3, 5L1, 5L2, 5L3, 6L1, 6L2, 6L3, 7L1, 7L2, 10L3.<br>Regulation: 531.3.3 | C3 |
| 31 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R2/3/L.<br>Regulation: 534.4.1.1 | C3 |
| 32 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R2/3/P.<br>Regulation: 534.4.1.1 | C3 |
| 33 | Observation: 1 x Screw missing from DB cover, cover still secure.<br>Location: DB MB/R2/3/L.<br>Regulation: 416.2.3 | C3 |
| 34 | Observation: 2 x Screws missing from DB cover, cover still secure.<br>Location: DB MB/R2/3/P<br>Regulation: 416.2.3 | C3 |
| 35 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R2/3/P. CCT: 1L1, 1L2, 1L3, 2L1, 2L2, 2L3, 3L1, 3L2, 3L3, 4L1, 4L2, 4L3, 5L1, 5L2, 5L3, 6L1, 6L2, 6L3, 7L1, 7L2, 7L3, 8L1, 9L3.<br>Regulation: 531.3.3 | C3 |
| 36 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R3/3/L.<br>Regulation: 534.4.1.1 | C3 |
| 37 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R3/3/P.<br>Regulation: 534.4.1.1 | C3 |
| 38 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R3/3/P. CCT: 1L1, 1L2, 2L1, 2L3, 3L2, 4L2, 5L1, 6L1, 6L2.<br>Regulation: 531.3.3 | C3 |
| 39 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R1/2/L.<br>Regulation: 534.4.1.1 | C3 |
| 40 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R1/2/P.<br>Regulation: 534.4.1.1 | C3 |
| 41 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R1/2/P. CCT: 1L1, 1L2, 2L1, 2L2, 2L3, 3L1, 3L2, 3L3, 4L1, 4L2, 4L3, 5L1, 5L2, 5L3, 6L1, 6L2, 6L3, 7L1, 7L2, 9L2, 9L3.<br>Regulation: 531.3.3 | C3 |
| 42 | Observation: All untraced circuits must have their circuit designations verified.<br>Location: DB MB/R1/2/L. CCT: 12L3.<br>Regulation: 514.8.1 | FI |
| 43 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R2/2/P. CCT: 1L1, 1L2, 1L3, 2L1, 2L2, 2L3, 3L1, 3L2, 3L3, 4L1, 4L2, 4L3, 5L1, 5L2, 5L3, 6L1, 6L2, 6L3, 7L1, 7L2, 7L3, 8L1, 9L3.<br>Regulation: 531.3.3 | C3 |
| 44 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R2/2/L.<br>Regulation: 534.4.1.1 | C3 |
| 45 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R2/2/P.<br>Regulation: 534.4.1.1 | C3 |

| Item No. | Observations | Code |
|---|---|---|
| 46 | Observation: 2 x Screws missing from DB cover, cover still secure.<br>Location: DB MB/R2/2/P<br>Regulation: 416.2.3 | C3 |
| 47 | Observation: 1 x Screw missing from DB cover, cover still secure.<br>Location: DB MB/R2/2/L.<br>Regulation: 416.2.3 | C3 |
| 48 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R3/2/L.<br>Regulation: 534.4.1.1 | C3 |
| 49 | Observation: This installation has been designed and installed prior to July 2018.There is no evidence of overvoltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the Distribution boards in order to reduce the risk of damage to the installation by external transient overvoltage's or switching<br>Location: DB MB/R3/2/P.<br>Regulation: 534.4.1.1 | C3 |
| 50 | Observation: Type AC RCD's may only be selected to supply fixed equipment where the load current contains no DC components, (Generally resistive loads or equipment with no electronic parts)<br>Location: DB MB/R3/2/P. CCT: 1L1, 1L2, 2L1, 2L3, 3L2, 5L1, 5L2, 6L1, 6L2.<br>Regulation: 531.3.3 | C3 |

*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. | |
| C2 Potentially dangerous. Urgent remedial action required. | |
| C3 Improvement recommended. | 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 43, 44, 45, 46, 47, 48, 49, 50 |
| FI Further Investigation required without delay | 8, 15, 20, 22, 23, 27, 42 |

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

**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 | ✗ |

| 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) | ✓ |
| 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) | ✓ |
| 1.3 | Consumer's meter tails | ✓ |
| **2.0 PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES** | | |
| 2.1 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (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 AUTOMATIC DISCONNECTION OF SUPPLY** | | |
| 3.1 | Main earthing/bonding arrangements (411.3; Chap 54) | |
| 3.1.1 | Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2) | ✓ |
| 3.1.2 | Presence of installation earth electrode arrangement (542.1.2.3) | N/A |
| 3.1.3 | Adequacy of earthing conductor size (542.3; 543.1.1) | ✓ |
| 3.1.4 | Adequacy of earthing conductor connections (542.3.2) | ✓ |
| 3.1.5 | Accessibility of earthing conductor connections (543.3.2) | ✓ |
| 3.1.6 | Adequacy of main protective bonding conductor sizes (544.1) | ✓ |
| 3.1.7 | Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) | ✓ |
| 3.1.8 | Accessibility of all protective bonding connections (543.3.2) | ✓ |
| 3.1.9 | Provision of earthing/bonding labels at all appropriate locations (514.13) | ✓ |
| 3.2 | FELV - requirements satisfied (411.7; 411.7.1) | N/A |
| **4.0 OTHER METHODS OF PROTECTION (where any of the methods listed below are employed details should be provided on separate sheets)** | | |
| 4.1 | Non-conducting location (418.1) | N/A |
| 4.2 | Earth-free local equipotential bonding (418.2) | N/A |
| 4.3 | Electrical separation (Section 413; 418.3) | N/A |
| 4.4 | Double insulation (Section 412) | N/A |
| 4.5 | Reinforced insulation (Section 412) | N/A |
| **5.0 DISTRIBUTION EQUIPMENT** | | |
| 5.1 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | ✓ |
| 5.2 | Security of fixing (134.1.1) | C3 |
| 5.3 | Condition of insulation of live parts (416.1) | ✓ |
| 5.4 | Adequacy/security of barriers (416.2) | ✓ |
| 5.5 | Condition of enclosure(s) in terms of IP rating etc (416.2) | ✓ |
| 5.6 | Condition of enclosure(s) in terms of fire rating etc. (421.1.6; 421.1.201; 526.5) | ✓ |
| 5.7 | Enclosure not damaged/deteriorated so as to impair safety (651.2) | ✓ |
| 5.8 | Presence and effectiveness of obstacles (417.2) | ✓ |
| 5.9 | Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2) | ✓ |
| 5.10 | Operation of main switch(es) (functional check) (643.10) | ✓ |
| 5.11 | Manual operation of circuit-breakers RCDs and AFDDs to prove functionality (643.10) | ✓ |
| 5.12 | Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10) | ✓ |
| 5.13 | RCD(s) provided for fault protection – includes RCBO(s) (411.4.204; 411.5.2; 531.2) | N/A |
| 5.14 | RCD(s) provided for additional protection / requirements, where required - includes RCBO(s) (411.3.3; 415.1) | C3 |
| 5.15 | Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2) | ✓ |
| 5.16 | Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) | ✓ |
| 5.17 | Presence of alternative supply warning notice at or near equipment, where required (514.15) | N/A |
| 5.18 | Presence of next inspection recommendation label (514.12.1) | ✓ |
| 5.19 | Presence of other required labelling (please specify) (Section 514) | ✓ |

| | | |
|---|---|---|
| 5.20 | 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) | ✓ |
| 5.21 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) | ✓ |
| **5.0 DISTRIBUTION EQUIPMENT CONT.** | | |
| 5.22 | Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11) | ✓ |
| 5.23 | Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) | ✓ |
| 5.24 | Confirmation indication that the SPD is functional (534.1, 651.4) | C3 |
| **6.0 DISTRIBUTION CIRCUITS** | | |
| 6.1 | dentification of conductors (514.3.1) | ✓ |
| 6.2 | Cables correctly supported throughout their run (521.10.202; 522.8.5) | ✓ |
| 6.3 | Condition of insulation of live parts (416.1) | ✓ |
| 6.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking. (521.10.1) | ✓ |
| 6.5 | Suitability of containment systems for continued use (including flexible conduit) (Section 522) | ✓ |
| 6.6 | Cables correctly terminated in enclosures (Section 526) | ✓ |
| 6.7 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | ✓ |
| 6.8 | Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6) | ✓ |
| 6.9 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | ✓ |
| 6.10 | Adequacy of protective devices: type and rated current for fault protection (411.3) | ✓ |
| 6.11 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | ✓ |
| 6.12 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | ✓ |
| 6.13 | Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522) | ✓ |
| 6.14 | Where exposed to direct sunlight, cable of a suitable type (522.11.1) | ✓ |
| **6.15 CABLES CONCEALED UNDER FLOORS, ABOVE CEILINGS, IN WALLS/PARTITIONS LESS THAN 50 MM FROM A SURFACE, AND IN PARTITIONS CONTAINING METAL PARTS** | | |
| 6.15.1 | Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) | ✓ |
| 6.15.2 | Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204) | ✓ |
| 6.16 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | ✓ |
| 6.17 | Band II cables segregated/separated from Band I cables (528.1) | ✓ |
| 6.18 | Cables segregated/separated from non-electrical services (528.3) | ✓ |
| 6.19 | Condition of circuit accessories (651.2) | ✓ |
| 6.20 | Suitability of circuit accessories for external influences (512.2) | ✓ |
| 6.21 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) | ✓ |
| 6.22 | Adequacy of connections, including cpc's, within accessories and to fixed and stationary equipment – identify/ record numbers and locations of items inspected (Section 526) | ✓ |
| 6.23 | Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537) | ✓ |
| 6.24 | General condition of wiring systems (651.2) | ✓ |
| 6.25 | Temperature rating of cable insulation (522.1.1; Table 52.1) | ✓ |
| 6.26 | Confirmation indication that the SPD is functional (534.1, 651.4) | C3 |
| **7.0 CONSUMER UNIT/DISTRIBUTION BOARD** | | |
| 7.1 | Adequacy of working space / accessibility to consumer unit/distribution board (132.12; 513.1) | ✓ |
| 7.2 | Security of fixing (134.1.1) | C3 |
| 7.3 | Condition of enclosure(s) in terms of IP rating (barriers etc.)(416.2) | ✓ |
| 7.4 | Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) | ✓ |
| 7.5 | Enclosure not damaged/deteriorated so as to impair safety (651.2) | ✓ |
| 7.5.1 | Presence and effectiveness of obstacles (417.2) | ✓ |
| 7.6 | Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2) | ✓ |
| 7.7 | Operation of main switch(es) (functional check) (643.10) | ✓ |
| 7.8 | Manual operation of circuit-breakers, RCD(s) and AFDD's to prove functionality (643.10) | ✓ |
| 7.9 | Correct identification of circuit details and protective devices (514.8.1; 514.9.1) | FI |
| 7.10 | Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2) | ✓ |
| 7.11 | Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15) | N/A |
| 7.12 | Presence of other required labelling (Please specify) Section 514) | ✓ |
| 7.13 | 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) | ✓ |
| 7.14 | Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)) | ✓ |
| 7.15 | Protection against mechanical damage where cables enter distribution board (522.8.1; 522.8.5; 522.8.11) | ✓ |
| 7.16 | Protection against electromagnetic effects where cables enter distribution board (521.5.1) | ✓ |
| 7.17 | RCD(s) provided for fault protection – includes RCBO(s)(411.4.204; 411.5.2; 531.2) | N/A |
| 7.18 | RCD(s) provided for additional protection/requirements, where required - includes RCBO(s) (411.3.3; 415.1) | C3 |
| 7.19 | Confirmation of indication that SPD is functional (651.4) | C3 |

| | | |
|---|---|---|
| 7.20 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | ✓ |
| 7.21 | Adequate arrangements where a generating set operates as a switched alternative to public supply (551.6) | N/A |
| 7.22 | Adequate arrangements where a generating set operates in parallel with public supply (551.7) | N/A |
| **8.0 FINAL CIRCUITS** | | |
| 8.1 | Identification of conductors (514.3.1) | ✓ |
| 8.2 | Cables correctly supported throughout their run (521.10.202; 522.8.5) | ✓ |
| 8.3 | Condition of insulation of live parts (416.1) | ✓ |
| 8.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking. (521.10.1) | ✓ |
| 8.4.1 | To include the integrity of conduit and trunking systems (metallic and plastic) | ✓ |
| 8.5 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | ✓ |
| 8.6 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | ✓ |
| 8.7 | Adequacy of protective devices: type and rated current for fault protection (411.3) | ✓ |
| 8.8 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | ✓ |
| 8.9 | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) | ✓ |
| 8.10 | Cables Concealed Under Floors, Above Ceilings Or In Walls/ Partitions, Adequately Protected Against Damage (522.3.201, 202, 203, 204) | L |
| 8.10.1 | Installed in prescribed zones (see Section D. Extent and limitation) (522.6.201, 204) | ✓ |
| 8.10.2 | Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.201; 522.6.204) | ✓ |
| **8.12 PROVISION OF ADDITIONAL PROTECTION/REQUIREMENTS BY 30 mA RCD** | | |
| 8.12.1 | For all socket-outlets of rating 32 A or less unless an exception is permitted (411.3.3) | C3 |
| 8.12.2 | For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) | N/A |
| 8.12.3 | For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203) | N/A |
| 8.12.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) | N/A |
| 8.12.5 | Final circuits supplying luminaries within domestic (household)\|premises (411.3.4) | N/A |
| 8.12.6 | For lighting that is accessible to the public (714.411.3.4) | N/A |
| 8.13 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | N/A |
| **9.0 FINAL CIRCUITS CONT.** | | |
| 9.14 | Band II cables segregated/separated from Band I cables (528.1) | ✓ |
| 9.15 | Cables segregated/separated from communications cabling (528.2) | ✓ |
| 9.16 | Cables segregated/separated from non-electrical services (528.3) | ✓ |
| 9.17 | Terminations of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526) | ✓ |
| 9.17.1 | Connection soundly made and under no undue strain (526.6) | ✓ |
| 9.17.2 | No basic insulation of a conductor visible outside enclosure (526.8) | ✓ |
| 9.17.3 | Connections of live conductors adequately enclosed (526.5) | ✓ |
| 9.17.4 | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | ✓ |
| 9.18 | Condition of accessories including socket-outlets, switches and joint boxes (651.2 (v)) | ✓ |
| 9.19 | Suitability of accessories for external influences (512.2) | ✓ |
| 9.20 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | ✓ |
| 9.21 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) | ✓ |
| **10.0 ISOLATION AND SWITCHING** | | |
| 10.1.1 | Presence and condition of appropriate devices (Section 462; 537.2.7) | ✓ |
| **10.1 ISOLATOR (SECTIONS 460; 537)** | | |
| 10.1.2 | Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7) | ✓ |
| 10.1.3 | Capable of being secured in the OFF position (462.3) | ✓ |
| 10.1.4 | Correct operation verified (643.10) | ✓ |
| 10.1.5 | Clearly identified by position and/or durable marking (537.2.6) | ✓ |
| 10.1.6 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) | N/A |
| **10.2 SWITCHING OFF FOR MECHANICAL MAINTENANCE (SECTION 464; 537.3.2)** | | |
| 10.2.1 | Presence and condition of appropriate devices (464.1; 527.3.2) | ✓ |
| 10.2.2 | Acceptable location – state if local or remote from equipment in question (537.3.2.4) | ✓ |
| 10.2.3 | Capable of being secured in the OFF position (462.3) | ✓ |
| 10.2.4 | Correct operation verified (643.10) | ✓ |
| 10.2.5 | Clearly identified by position and/or durable marking (537.3.2.4) | ✓ |
| **10.3 EMERGENCY SWITCHING/STOPPING (SECTION 465; 537.3.3)** | | |
| 10.3.1 | Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4) | N/A |
| 10.3.2 | Readily accessible for operation where danger might occur (537.3.3.6) | N/A |
| 10.3.3 | Correct operation verified (643.10) | N/A |
| 10.3.4 | Clearly identified by position and/or durable marking (537.3.3.6) | N/A |
| **10.4 FUNCTIONAL SWITCHING (SECTION 463; 537.3.1)** | | |
| 10.4.1 | Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2) | ✓ |
| 10.4.2 | Correct operation verified (537.3.1.1; 537.3.1.2) | ✓ |

| | | |
|---|---|---|
| **11.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)** | | |
| 11.1 | Condition of equipment in terms of IP rating etc (416.2) | ✓ |
| 11.2 | Equipment does not constitute a fire hazard (Section 421) | ✓ |
| 11.3 | Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2) | ✓ |
| 11.4 | Suitability for the environment and external influences (512.2) | ✓ |
| 11.5 | Security of fixing (134.1.1) | ✓ |
| 11.6 | Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2) | ! |
| **11.7 RECESSED LUMINAIRES (DOWNLIGHTERS)** | | |
| 11.7.1 | Correct type of lamps fitted (559.3.1) | ✓ |
| 11.7.2 | Installed to minimize build-up of heat by use of “fire rated” fittings, insulation displacement box or similar (421.1.2) | ✓ |
| 11.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | ✓ |
| 11.7.4 | No signs of overheating to conductors/terminations (526.1) | ✓ |
| **12.0 PART 7 SPECIAL INSTALLATIONS OR LOCATIONS** | | |
| 12.1 | If any special installations or locations are present, list the particular inspections applied. | |
| **13.0 PROSUMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S)** | | |
| 13.1 | Where the installation includes additional requirements and recommendations relating to Chapter 82, additional inspection items should be added to the checklist. | N/A |

Inspector's Name: Nam Ly

Signature: 

Date: 19/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 5th Floor Riser STW1 (Hager)
Designation: DB MB/R1/5/L
No. of ways: 12

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 400 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/L1 | Lighting - Study Rooms 33, 35, 37 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 27, 29, 31 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | Lighting - Study Rooms 21, 23, 25 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L1 | Lighting - Study Rooms 24, 26, 28 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Lighting - Study Rooms 30, 32, 34 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 36, 38, 39 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | Lighting - Study Rooms 40, 41, 42 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 3.49 | 61009 | AC | 30 | 10 |
| 3/L2 | Lighting - Study Rooms 44 & 46 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L3 | Lighting - Study Rooms 43 & 45 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L1 | Lighting - Study Rooms 95, 97, 99 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Study Rooms 105, 107, 109 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | Lighting - Study Rooms 110 & 111 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L1 | Lighting - Study Rooms 104, 106, 108 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L2 | Lighting - Study Rooms 101, 102, 103 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 6 | 10 | 2.91 | 61009 | AC | 30 | 10 |
| 5/L3 | Lighting - Study Rooms 96, 98, 100 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L1 | Lighting - Study Rooms 18, 19, 20, 22 | A3 | E | 28 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L2 | Lighting - Kitchen 225 | A3 | E | 4 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 6/L3 | Lighting - Kitchen 223 | A3 | E | 4 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L1 | Lighting - Corridor Rooms 38 - 46 | A3 | E | 10 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L2 | Lighting - Corridor Rooms 95 - 100 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L3 | Lighting - Corridor Rooms 18 - 37 | A3 | E | 7 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L1 | Lighting - Corridor Rooms 101 - 110 | A3 | E | 10 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 8/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | Lighting - Study Rooms 47 & 49 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 10/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 5th Floor Riser STW1 (Hager)
Designation: DB MB/R1/5/L
No. of ways: 12 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.19 Ω Operating at IΔn ms
$I_{pf}$ 2.38 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/L1 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 18.6 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.76 | 14.9 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | 0.59 | N/A | 250 | LIM | >999 | ✓ | 0.79 | 16.8 | ✓ | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.76 | N/A | 250 | LIM | >999 | ✓ | 0.94 | 18.8 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.87 | 17.9 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.62 | N/A | 250 | LIM | >999 | ✓ | 0.82 | 16.8 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | 0.57 | N/A | 250 | LIM | >999 | ✓ | 0.78 | 18.8 | ✓ | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 19.8 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | 0.53 | N/A | 250 | LIM | >999 | ✓ | 0.73 | 18.6 | ✓ | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.76 | N/A | 250 | LIM | >999 | ✓ | 0.97 | 18.6 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.82 | N/A | 250 | LIM | >999 | ✓ | 1.04 | 18.3 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | 0.88 | N/A | 250 | LIM | >999 | ✓ | 1.08 | 19.6 | ✓ | N/A |
| 5/L1 | N/A | N/A | N/A | N/A | 0.74 | N/A | 250 | LIM | >999 | ✓ | 0.97 | 18.4 | ✓ | N/A |
| 5/L2 | N/A | N/A | N/A | N/A | 0.89 | N/A | 250 | LIM | >999 | ✓ | 1.07 | 17.9 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | 0.85 | N/A | 250 | LIM | >999 | ✓ | 1.05 | 17.6 | ✓ | N/A |
| 6/L1 | N/A | N/A | N/A | N/A | 0.88 | N/A | 250 | LIM | >999 | ✓ | 1.09 | 19.4 | ✓ | N/A |
| 6/L2 | N/A | N/A | N/A | N/A | 0.58 | N/A | 250 | LIM | >999 | ✓ | 0.78 | N/A | N/A | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.83 | N/A | N/A | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.75 | N/A | 250 | LIM | >999 | ✓ | 0.93 | N/A | N/A | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.86 | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | 0.76 | N/A | 250 | LIM | >999 | ✓ | 0.97 | N/A | N/A | N/A |
| 8/L1 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.91 | N/A | N/A | N/A |
| 8/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | N/A | N/A | N/A | N/A | 0.50 | N/A | 250 | LIM | >999 | ✓ | 0.71 | 18.6 | ✓ | N/A |
| 10/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 11/12/2023 To: 11/12/2023
Date(s) live testing: 11/12/2023 To: 11/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 11/12/2023

### 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 V | L/L, L/N M(Ω) | L/E, N/E M(Ω) | | | All RCDs IΔn ms | RCD (✓) | AFDD (✓) |
| | r1 | rn | r2 | (✓) | R1 + R2 | R2 | | | | | | | | |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 11/12/2023 To 11/12/2023

Date(s) live testing 11/12/2023 To 11/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 11/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 5th Floor Riser STW1 (Hager)
Designation: DB MB/R1/5/P
No. of ways: 16

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 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/L1 | Ring Sockets - Study Rooms 32, 34, 37 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 27, 29, 31 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | Ring Sockets - Study Rooms 21, 23, 25 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L1 | Ring Sockets - Study Rooms 24, 26, 28 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | Ring Sockets - Study Rooms 30, 33, 35 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 36, 38, 39 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Ring Sockets - Study Rooms 40, 41, 42 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L2 | Ring Sockets - Study Rooms 44 & 46 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Ring Sockets - Study Rooms 43 & 45 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L1 | Ring Sockets - Study Rooms 95, 97, 99 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Ring Sockets - Study Rooms 105, 107, 109 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | Ring Sockets - Study Rooms 110 & 111 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L1 | Ring Sockets - Study Rooms 104, 106, 108 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Study Rooms 101, 102, 103 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | Ring Sockets - Study Rooms 96, 98, 100 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L1 | Ring Sockets - Study Rooms 18, 19, 20, 22 | A3 | E | 16 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Kitchen 225 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Ring Sockets - Kitchen 223 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L1 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L2 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L3 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L1 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L2 | Ring Main - Kitchen 225 Aplliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L3 | Ring Main - Kitchen 223 Aplliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | Ring Main - Smoke Dampers | A3 | E | 2 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 9/L3 | Ring Sockets - Study Rooms 47 & 49 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 10/L1 | Disabled Alarm - WC | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | DB MB/TH/R/N | F2 | E | 1 | 16 | SWA | 0.4 | 60898 MCB | C | 50 | 10 | 0.35 | N/A | N/A | N/A | N/A |
| 14/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 5th Floor Riser STW1 (Hager)
Designation: DB MB/R1/5/P
No. of ways: 16 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.19 Ω Operating at IΔn ms
$I_{pf}$ 2.38 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 All RCDs IΔn ms | Manual test button operation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ring final circuits only | | | Fig.8 check | R1R2 or R2 | | Test voltage V | L/L, L/N M(Ω) | L/E, N/E M(Ω) | | | | RCD (✓) | AFDD (✓) |
| | r1 | rn | r2 | (✓) | R1 + R2 | R2 | | | | | | | | |
| 1/L1 | 0.36 | 0.37 | 0.52 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.52 | 18.9 | ✓ | N/A |
| 1/L2 | 0.62 | 0.62 | 0.95 | ✓ | 0.48 | N/A | 250 | LIM | >999 | ✓ | 0.68 | 18.9 | ✓ | N/A |
| 1/L3 | 0.69 | 0.69 | 0.97 | ✓ | 0.46 | N/A | 250 | LIM | >999 | ✓ | 0.66 | 18.7 | ✓ | N/A |
| 2/L1 | 0.71 | 0.71 | 1.03 | ✓ | 0.47 | N/A | 250 | LIM | >999 | ✓ | 0.69 | 17.9 | ✓ | N/A |
| 2/L2 | 0.60 | 0.60 | 0.93 | ✓ | 0.44 | N/A | 250 | LIM | >999 | ✓ | 0.64 | 18.8 | ✓ | N/A |
| 2/L3 | 0.58 | 0.58 | 0.84 | ✓ | 0.37 | N/A | 250 | LIM | >999 | ✓ | 0.55 | 18.8 | ✓ | N/A |
| 3/L1 | 0.55 | 0.55 | 0.81 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 16.9 | ✓ | N/A |
| 3/L2 | 0.47 | 0.47 | 0.76 | ✓ | 0.28 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 18.6 | ✓ | N/A |
| 3/L3 | 0.29 | 0.29 | 0.48 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 17.8 | ✓ | N/A |
| 4/L1 | 0.48 | 0.48 | 0.76 | ✓ | 0.40 | N/A | 250 | LIM | >999 | ✓ | 0.62 | 17.5 | ✓ | N/A |
| 4/L2 | 0.53 | 0.53 | 0.79 | ✓ | 0.46 | N/A | 250 | LIM | >999 | ✓ | 0.66 | 19.2 | ✓ | N/A |
| 4/L3 | 0.57 | 0.57 | 0.83 | ✓ | 0.51 | N/A | 250 | LIM | >999 | ✓ | 0.73 | 18.8 | ✓ | N/A |
| 5/L1 | 0.59 | 0.59 | 0.84 | ✓ | 0.47 | N/A | 250 | LIM | >999 | ✓ | 0.68 | 18.6 | ✓ | N/A |
| 5/L2 | 0.55 | 0.55 | 0.79 | ✓ | 0.50 | N/A | 250 | LIM | >999 | ✓ | 0.71 | 18.8 | ✓ | N/A |
| 5/L3 | 0.62 | 0.62 | 0.88 | ✓ | 0.38 | N/A | 250 | LIM | >999 | ✓ | 0.58 | 19.6 | ✓ | N/A |
| 6/L1 | 0.75 | 0.74 | 1.09 | ✓ | 0.56 | N/A | 250 | LIM | >999 | ✓ | 0.74 | 14,8 | ✓ | N/A |
| 6/L2 | 0.41 | 0.41 | 0.74 | ✓ | 0.28 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 17.8 | ✓ | N/A |
| 6/L3 | 0.44 | 0.44 | 0.75 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 17.5 | ✓ | N/A |
| 7/L1 | 0.48 | 0.48 | 0.72 | ✓ | 0.35 | N/A | 250 | LIM | >999 | ✓ | 0.55 | 19.4 | ✓ | N/A |
| 7/L2 | 0.52 | 0.52 | 0.79 | ✓ | 0.42 | N/A | 250 | LIM | >999 | ✓ | 0.63 | 18.8 | ✓ | N/A |
| 7/L3 | 0.61 | 0.61 | 0.85 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L1 | 0.55 | 0.55 | 0.84 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L2 | 0.42 | 0.42 | 0.73 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 18.6 | ✓ | N/A |
| 8/L3 | 0.39 | 0.39 | 0.69 | ✓ | 0.30 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 17.7 | ✓ | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | 0.42 | 0.42 | 0.71 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 9/L3 | 0.44 | 0.44 | 0.76 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 18.6 | ✓ | N/A |
| 10/L1 | N/A | N/A | N/A | ✓ | 0.38 | N/A | 250 | LIM | >999 | ✓ | 0.58 | N/A | N/A | N/A |

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

Date(s) dead testing: 11/12/2023 To: 11/12/2023
Date(s) live testing: 11/12/2023 To: 11/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 11/12/2023

### 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) | | | | (✓) | (✓) |
| 10/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | N/A | N/A | N/A | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 14/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 11/12/2023 To 11/12/2023

Date(s) live testing 11/12/2023 To 11/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 11/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 5th Floor Riser STW2 (Hager)
Designation: DB MB/R2/5/L
No. of ways: 12

**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: 3 BS(EN) Type Rating A
Nominal voltage 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/L1 | Lighting - Study Rooms 69, 71, 73 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 75, 77, 79 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | Lighting - Study Rooms 81, 82, 83 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L1 | Lighting - Study Rooms 76, 78, 80 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Lighting - Study Rooms 70, 72, 74 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 66, 67, 68 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | Lighting - Study Rooms 63, 64, 65 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L2 | Lighting - Study Rooms 58, 60, 62 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L3 | Lighting - Study Rooms 52, 54, 56 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L1 | Lighting - Study Rooms 51, 53, 55 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Study Rooms 57, 59, 61 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | Lighting - Study Rooms 119, 121, 123 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L1 | Lighting - Study Rooms 113, 115, 117 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L2 | Lighting - Study Rooms 112, 114, 116 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L3 | Lighting - Study Rooms 118, 120, 122 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L1 | Lighting - Study Rooms 124, 125, 126 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L2 | Lighting - Study Rooms 127, 129, 131 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L3 | Lighting - Study Rooms 128, 130, 132 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 7/L1 | Lighting - Kitchen 226 & This Riser | A3 | E | 6 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L2 | Lighting - Kitchen 224 | A3 | E | 5 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L3 | Lighting - Corridor Room 111 - 125 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 8/L1 | Lighting - Corridor Rooms 65 - 83 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L2 | Lighting - Corridor Rooms 126 - 131 | A3 | E | 8 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L3 | Lighting - Corridor Rooms 47 - 64 | A3 | E | 7 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 9/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | Lighting - Study Rooms 48 & 50 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 5th Floor Riser STW2 (Hager)
Designation: DB MB/R2/5/L
No. of ways: 12 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.16 Ω Operating at IΔn ms
$I_{pf}$ 2.86 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/L1 | N/A | N/A | N/A | N/A | 0.57 | N/A | 250 | LIM | >999 | ✓ | 0.75 | 17.5 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.68 | N/A | 250 | LIM | >999 | ✓ | 0.88 | 18.7 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | 0.69 | N/A | 250 | LIM | >999 | ✓ | 0.89 | 19.4 | ✓ | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.58 | N/A | 250 | LIM | >999 | ✓ | 0.78 | 18.7 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.57 | N/A | 250 | LIM | >999 | ✓ | 0.76 | 18.7 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.73 | 18.6 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 19.7 | ✓ | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.65 | N/A | 250 | LIM | >999 | ✓ | 0.83 | 18.5 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | 0.76 | N/A | 250 | LIM | >999 | ✓ | 0.94 | 18.8 | ✓ | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.78 | N/A | 250 | LIM | >999 | ✓ | 0.98 | 19.2 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.77 | N/A | 250 | LIM | >999 | ✓ | 0.95 | 18.9 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | 0.67 | N/A | 250 | LIM | >999 | ✓ | 0.87 | 17.8 | ✓ | N/A |
| 5/L1 | N/A | N/A | N/A | N/A | 0.77 | N/A | 250 | LIM | >999 | ✓ | 0.96 | 17.8 | ✓ | N/A |
| 5/L2 | N/A | N/A | N/A | N/A | 0.86 | N/A | 250 | LIM | >999 | ✓ | 1.04 | 17.6 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | 0.76 | N/A | 250 | LIM | >999 | ✓ | 0.94 | 18.7 | ✓ | N/A |
| 6/L1 | N/A | N/A | N/A | N/A | 0.67 | N/A | 250 | LIM | >999 | ✓ | 0.87 | 16.8 | ✓ | N/A |
| 6/L2 | N/A | N/A | N/A | N/A | 0.62 | N/A | 250 | LIM | >999 | ✓ | 0.82 | 19.6 | ✓ | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 18.5 | ✓ | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.85 | N/A | N/A | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | 0.75 | N/A | 250 | LIM | >999 | ✓ | 0.94 | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | 0.68 | N/A | 250 | LIM | >999 | ✓ | 0.86 | N/A | N/A | N/A |
| 8/L1 | N/A | N/A | N/A | N/A | 0.69 | N/A | 250 | LIM | >999 | ✓ | 0.89 | N/A | N/A | N/A |
| 8/L2 | N/A | N/A | N/A | N/A | 0.79 | N/A | 250 | LIM | >999 | ✓ | 0.98 | N/A | N/A | N/A |
| 8/L3 | N/A | N/A | N/A | N/A | 0.78 | N/A | 250 | LIM | >999 | ✓ | 0.96 | N/A | N/A | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | N/A | N/A | N/A | N/A | 0.68 | N/A | 250 | LIM | >999 | ✓ | 0.88 | 18.6 | ✓ | N/A |

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

Date(s) dead testing: 12/12/2023 To: 12/12/2023
Date(s) live testing: 12/12/2023 To: 12/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 12/12/2023

### 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 V | L/L, L/N M(Ω) | L/E, N/E M(Ω) | | | All RCDs IΔn ms | RCD (✓) | AFDD (✓) |
| | r1 | rn | r2 | (✓) | R1 + R2 | R2 | | | | | | | | |
| 10/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 12/12/2023 To 12/12/2023

Date(s) live testing 12/12/2023 To 12/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 12/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 5th Floor Riser STW2 (Hager)

Designation: DB MB/R2/5/P

No. of ways: 16

**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: 3 BS(EN): Type: Rating: A

Nominal voltage: 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/L1 | Ring Sockets - Study Rooms 69, 71, 73 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 75, 77, 79 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | Ring Sockets - Study Rooms 81, 82, 83 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L1 | Ring Sockets - Study Rooms 76, 78, 80 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | Ring Sockets - Study Rooms 70, 72, 74 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 66, 67, 68 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Ring Sockets - Study Rooms 63, 64, 65 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L2 | Ring Sockets - Study Rooms 58, 60, 62 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Ring Sockets - Study Rooms 52, 54, 56 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L1 | Ring Sockets - Study Rooms 51, 53, 55 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Ring Sockets - Study Rooms 57, 59, 61 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | Ring Sockets - Study Rooms 119, 121, 123 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L1 | Ring Sockets - Study Rooms 113, 115, 117 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Study Rooms 112, 114, 116 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | Ring Sockets - Study Rooms 118, 120, 122 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L1 | Ring Sockets - Study Rooms 124, 125, 126 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Study Rooms 128, 130, 132, 133 | A3 | E | 16 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Ring Sockets - Study Rooms 127, 129, 131 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7/L2 | Ring Sockets - Kitchen 224 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L3 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L1 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L2 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L3 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 9/L1 | Ring Main - Kitchen 226 Appliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L2 | Ring Main - Kitchen 224 Appliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L3 | Ring Sockets - Study Rooms 48 & 50 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 20 | 10 | 1.75 | 61009 | AC | 30 | 20 |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L2 | Disbaled Alarm | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 10/L3 | Smoke Dampers | A3 | E | 2 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L1 | Ring Sockets - Kitchen 226 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 12/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | DB MB/TH/R/S | G2 | E | 1 | 16 | SWA | 5 | 60898 MCB | C | 50 | 10 | 0.35 | N/A | N/A | N/A | N/A |
| 14/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 5th Floor Riser STW2 (Hager)
Designation: DB MB/R2/5/P
No. of ways: 16 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.16 Ω Operating at IΔn ms
$I_{pf}$ 2.86 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/L1 | 0.57 | 0.57 | 0.83 | ✓ | 0.19 | N/A | 250 | LIM | >999 | ✓ | 0.38 | 19.3 | ✓ | N/A |
| 1/L2 | 0.72 | 0.72 | 1.04 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 18.9 | ✓ | N/A |
| 1/L3 | 0.75 | 0.75 | 1.06 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 17.8 | ✓ | N/A |
| 2/L1 | 0.66 | 0.66 | 0.94 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.44 | 17.8 | ✓ | N/A |
| 2/L2 | 0.63 | 0.63 | 0.92 | ✓ | 0.30 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 18.7 | ✓ | N/A |
| 2/L3 | 0.56 | 0.56 | 0.82 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 18.6 | ✓ | N/A |
| 3/L1 | 0.58 | 0.58 | 0.85 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.44 | 16.8 | ✓ | N/A |
| 3/L2 | 0.63 | 0.62 | 0.91 | ✓ | 0.46 | N/A | 250 | LIM | >999 | ✓ | 0.64 | 19.5 | ✓ | N/A |
| 3/L3 | 0.67 | 0.67 | 0.95 | ✓ | 0.34 | N/A | 250 | LIM | >999 | ✓ | 0.52 | 18.9 | ✓ | N/A |
| 4/L1 | 0.68 | 0.68 | 0.95 | ✓ | 0.38 | N/A | 250 | LIM | >999 | ✓ | 0.57 | 18.8 | ✓ | N/A |
| 4/L2 | 0.62 | 0.62 | 0.89 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 17.9 | ✓ | N/A |
| 4/L3 | 0.73 | 0.73 | 0.98 | ✓ | 0.54 | N/A | 250 | LIM | >999 | ✓ | 0.71 | 18.4 | ✓ | N/A |
| 5/L1 | 0.79 | 0.79 | 1.04 | ✓ | 0.44 | N/A | 250 | LIM | >999 | ✓ | 0.63 | 18.7 | ✓ | N/A |
| 5/L2 | 0.77 | 0.77 | 1.04 | ✓ | 0.36 | N/A | 250 | LIM | >999 | ✓ | 0.54 | 19.4 | ✓ | N/A |
| 5/L3 | 0.71 | 0.71 | 0.95 | ✓ | 0.33 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 18.8 | ✓ | N/A |
| 6/L1 | 0.65 | 0.65 | 0.88 | ✓ | 0.39 | N/A | 250 | LIM | >999 | ✓ | 0.57 | 18.8 | ✓ | N/A |
| 6/L2 | 0.58 | 0.58 | 0.84 | ✓ | 0.30 | N/A | 250 | LIM | >999 | ✓ | 0.50 | 18.7 | ✓ | N/A |
| 6/L3 | 0.59 | 0.59 | 0.84 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 16.8 | ✓ | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7/L2 | 0.55 | 0.55 | 0.83 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 17.3 | ✓ | N/A |
| 7/L3 | 0.48 | 0.48 | 0.72 | ✓ | 0.15 | N/A | 250 | LIM | >999 | ✓ | 0.33 | 18.7 | ✓ | N/A |
| 8/L1 | 0.51 | 0.51 | 0.73 | ✓ | 0.18 | N/A | 250 | LIM | >999 | ✓ | 0.37 | 19.6 | ✓ | N/A |
| 8/L2 | 0.38 | 0.38 | 0.54 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L3 | 0.41 | 0.41 | 0.63 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 9/L1 | 0.50 | 0.50 | 0.79 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.45 | 18.4 | ✓ | N/A |
| 9/L2 | 0.55 | 0.55 | 0.82 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 17.9 | ✓ | N/A |
| 9/L3 | 0.61 | 0.61 | 0.82 | ✓ | 0.34 | N/A | 250 | LIM | >999 | ✓ | 0.53 | 18.4 | ✓ | N/A |

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

Date(s) dead testing: 12/12/2023 To: 12/12/2023
Date(s) live testing: 12/12/2023 To: 12/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY
Position: Electrical Test Engineer Date: 12/12/2023
Signature:

## 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) | | | | (✓) | (✓) |
| 10/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L2 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 10/L3 | 0.28 | 0.28 | 0.49 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L1 | 0.53 | 0.53 | 0.81 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 18.6 | ✓ | N/A |
| 12/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | N/A | N/A | N/A | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 14/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 12/12/2023 To 12/12/2023

Date(s) live testing 12/12/2023 To 12/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 12/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 5th Floor Riser STW7 (Hager)
Designation: DB MB/R3/5/L
No. of ways: 6

**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: 3 BS(EN) Type Rating A
Nominal voltage 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/L1 | Lighting - Study Rooms 92, 93, 94 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 89 & 90 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | Untraced Circuit | A3 | E | LIM | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Lighting - Study Rooms 85 & 91 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 84, 86, 87 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L2 | Lighting - Corridor & This Riser | A3 | E | 11 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 3/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 4/L1 | Lighting - Study Rooms 88 | A3 | E | 7 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Kitchen Pelmet | A3 | E | 2 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 5th Floor Riser STW7 (Hager)
Designation: DB MB/R3/5/L
No. of ways: 6 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.17 Ω Operating at IΔn ms
$I_{pf}$ 2.74 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/L1 | N/A | N/A | N/A | N/A | 0.65 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 18.7 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.75 | 18.8 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 19.6 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.57 | N/A | 250 | LIM | >999 | ✓ | 0.76 | 17.9 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.91 | 18.7 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.86 | N/A | N/A | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.51 | N/A | 250 | LIM | >999 | ✓ | 0.71 | 18.7 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 19.6 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 12/12/2023 To: 12/12/2023
Date(s) live testing: 12/12/2023 To: 12/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 12/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 5th Floor Riser STW7 (Hager)
Designation: DB MB/R3/5/P
No. of ways: 8

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 400 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/L1 | Ring Sockets - Study Rooms 92, 93, 94 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 89 & 90 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 1/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | Untraced Circuit | A3 | E | LIM | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 2/L2 | Ring Sockets - Study Rooms 85 & 91 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 84, 86, 87 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 3/L1 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | C | 32 | 10 | 0.54 | N/A | N/A | N/A | N/A |
| 3/L2 | Ring Cleaner Sockets - Corridor | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 3/L3 | Smoke Dampers | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 32 | 10 | 0.54 | N/A | N/A | N/A | N/A |
| 4/L1 | Kitchen Appliances | A3 | E | 3 | 10 | 4 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 4/L2 | Kitchen Appliances | A3 | E | 3 | 10 | 4 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 4/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/L1 | Ring Sockets - Kitchen | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Kitchen | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 5/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/L1 | Ring Sockets - Study Room 88 | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Study Room | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | C | 32 | 10 | 0.54 | 61009 | AC | 30 | 32 |
| 6/L3 | Hob | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 40 | 10 | 0.87 | 61009 | AC | 30 | 40 |
| 7/L1 | Oven | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 40 | 10 | 0.87 | 61009 | AC | 30 | 40 |
| 7/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 5th Floor Riser STW7 (Hager)
Designation: DB MB/R3/5/P
No. of ways: 8 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.17 Ω Operating at IΔn ms
$I_{pf}$ 2.74 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 All RCDs IΔn ms | Manual test button operation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ring final circuits only | | | Fig.8 check | R1R2 or R2 | | Test voltage V | L/L, L/N M(Ω) | L/E, N/E M(Ω) | | | | RCD (✓) | AFDD (✓) |
| | r1 | rn | r2 | (✓) | R1 + R2 | R2 | | | | | | | | |
| 1/L1 | 0.51 | 0.51 | 0.72 | ✓ | 0.21 | N/A | 250 | LIM | >999 | ✓ | 0.41 | 19.5 | ✓ | N/A |
| 1/L2 | 0.48 | 0.48 | 0.71 | ✓ | 0.19 | N/A | 250 | LIM | >999 | ✓ | 0.38 | 18.8 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | 0.48 | 0.48 | 0.73 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 18.7 | ✓ | N/A |
| 2/L2 | 0.42 | 0.42 | 0.69 | ✓ | 0.16 | N/A | 250 | LIM | >999 | ✓ | 0.36 | 18.8 | ✓ | N/A |
| 2/L3 | 0.53 | 0.53 | 0.74 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.44 | 20.6 | ✓ | N/A |
| 3/L1 | 0.41 | 0.41 | 0.67 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 3/L2 | 0.35 | 0.35 | 0.51 | ✓ | 0.14 | N/A | 250 | LIM | >999 | ✓ | 0.34 | 17.9 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.11 | N/A | 250 | LIM | >999 | ✓ | 0.31 | 18.7 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.10 | N/A | 250 | LIM | >999 | ✓ | 0.30 | 19.6 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/L1 | 0.55 | 0.55 | 0.81 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 16.9 | ✓ | N/A |
| 5/L2 | 0.52 | 0.52 | 0.79 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.45 | 18.7 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/L1 | 0.39 | 0.39 | 0.55 | ✓ | 0.18 | N/A | 250 | LIM | >999 | ✓ | 0.38 | 18.6 | ✓ | N/A |
| 6/L2 | 0.51 | 0.51 | 0.77 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.6 | ✓ | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.09 | N/A | 250 | LIM | >999 | ✓ | 0.29 | 19.5 | ✓ | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.10 | N/A | 250 | LIM | >999 | ✓ | 0.30 | 18.8 | ✓ | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 12/12/2023 To: 12/12/2023
Date(s) live testing: 12/12/2023 To: 12/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 12/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 4th Floor Riser STW1 (Hager)

Designation: DB MB/R1/4/L

No. of ways: 12

**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: 3 BS(EN): Type: Rating: A

Nominal voltage: 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/L1 | Lighting - Study Rooms 33, 35, 37 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 27, 29, 31 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | Lighting - Study Rooms 21, 23, 25 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L1 | Lighting - Study Rooms 24, 26, 28 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Lighting - Study Rooms 30, 32, 34 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 36, 38, 39 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | Lighting - Study Rooms 40, 41, 42 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L2 | Lighting - Study Rooms 44 & 46 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L3 | Lighting - Study Rooms 43 & 45 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L1 | Lighting - Study Rooms 95, 97, 99 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Study Rooms 105, 106, 107 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | Lighting - Study Rooms 109 & 110 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L1 | Lighting - Study Rooms 104 & 108 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L2 | Lighting - Study Rooms 101, 102, 103 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 6 | 10 | 2.91 | 61009 | AC | 30 | 10 |
| 5/L3 | Lighting - Study Rooms 96, 98, 100 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L1 | Lighting - Study Rooms 18, 19, 20, 22 | A3 | E | 28 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L2 | Lighting - Kitchen 225 & This Riser | A3 | E | 5 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 6/L3 | Lighting - Kitchen 223 | A3 | E | 4 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L1 | Lighting - Corridor Rooms 38 - 46 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L2 | Lighting - Corridor Rooms 95 - 100 | A3 | E | 8 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L3 | Lighting - Corridor Rooms 18 - 37 | A3 | E | 7 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L1 | Lighting - Corridor Rooms 101 - 110 | A3 | E | 10 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L2 | Lighting - Staircase STW5 3rd & 4th Floors | A3 | E | 7 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 8/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

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

## SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
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# ELECTRICAL INSTALLATION CONDITION REPORT - Test Results

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 4th Floor Riser STW1 (Hager)
Designation: DB MB/R1/4/L
No. of ways: 12 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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
$I_{pf}$ 2.52 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/L1 | N/A | N/A | N/A | N/A | 0.57 | N/A | 250 | LIM | >999 | ✓ | 0.79 | 18.8 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 19.6 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | 0.69 | N/A | 250 | LIM | >999 | ✓ | 0.89 | 19.3 | ✓ | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.91 | 18.7 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.61 | N/A | 250 | LIM | >999 | ✓ | 0.82 | 20.4 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.52 | N/A | 250 | LIM | >999 | ✓ | 0.73 | 16.8 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | 0.52 | N/A | 250 | LIM | >999 | ✓ | 0.74 | 18.8 | ✓ | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.51 | N/A | 250 | LIM | >999 | ✓ | 0.71 | 18.5 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | 0.53 | N/A | 250 | LIM | >999 | ✓ | 0.74 | 17.9 | ✓ | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.53 | N/A | 250 | LIM | >999 | ✓ | 0.73 | 19.4 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 17.8 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.86 | 16.8 | ✓ | N/A |
| 5/L1 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.85 | 17.9 | ✓ | N/A |
| 5/L2 | N/A | N/A | N/A | N/A | 0.67 | N/A | 250 | LIM | >999 | ✓ | 0.88 | 17.9 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | 0.56 | N/A | 250 | LIM | >999 | ✓ | 0.78 | 17.6 | ✓ | N/A |
| 6/L1 | N/A | N/A | N/A | N/A | 0.78 | N/A | 250 | LIM | >999 | ✓ | 0.98 | 19.7 | ✓ | N/A |
| 6/L2 | N/A | N/A | N/A | N/A | 0.74 | N/A | 250 | LIM | >999 | ✓ | 0.85 | N/A | N/A | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.74 | N/A | 250 | LIM | >999 | ✓ | 0.94 | N/A | N/A | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.59 | N/A | 250 | LIM | >999 | ✓ | 0.79 | N/A | N/A | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | 0.61 | N/A | 250 | LIM | >999 | ✓ | 0.81 | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | 0.86 | N/A | 250 | LIM | >999 | ✓ | 1.08 | N/A | N/A | N/A |
| 8/L1 | N/A | N/A | N/A | N/A | 0.85 | N/A | 250 | LIM | >999 | ✓ | 1.06 | N/A | N/A | N/A |
| 8/L2 | N/A | N/A | N/A | N/A | 0.96 | N/A | 250 | LIM | >999 | ✓ | 1.16 | | N/A | N/A |
| 8/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 13/12/2023 To: 13/12/2023
Date(s) live testing: 13/12/2023 To: 13/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 13/12/2023

### 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) | | | | (✓) | (✓) |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 4th Floor Riser STW1 (Hager)
Designation: DB MB/R1/4/P
No. of ways: 16

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 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/L1 | Ring Sockets - Study Rooms 33, 35, 37 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 27, 29, 31 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | Ring Sockets - Study Rooms 21, 23, 25 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L1 | Ring Sockets - Study Rooms 24, 26, 28 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | Ring Sockets - Study Rooms 30, 32, 34 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 36, 38, 39 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Ring Sockets - Study Rooms 40, 41, 42 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L2 | Ring Sockets - Study Rooms 44 & 46 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Ring Sockets - Study Rooms 43 & 45 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L1 | Ring Sockets - Study Rooms 95, 97, 99 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Ring Sockets - Study Rooms 105, 106, 107 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | Ring Sockets - Study Rooms 109 & 110 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L1 | Ring Sockets - Study Rooms 104 & 108 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Study Rooms 101, 102, 103 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | Ring Sockets - Study Rooms 96, 98, 100 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L1 | Ring Sockets - Study Rooms 18, 19, 20, 22 | A3 | E | 16 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Kitchen 225 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Ring Sockets - Kitchen 223 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L1 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L2 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L3 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L1 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L2 | Ring Main - Kitchen 225 Aplliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L3 | Ring Main - Kitchen 223 Aplliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L1 | Untraced Circuit | A3 | E | LIM | 6 | 2.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L2 | Ring Main - Smoke Dampers | A3 | E | 2 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 9/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

## SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 4th Floor Riser STW1 (Hager)
Designation: DB MB/R1/4/P
No. of ways: 16 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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
$I_{pf}$ 2.52 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/L1 | 0.39 | 0.39 | 0.53 | ✓ | 0.33 | N/A | 250 | LIM | >999 | ✓ | 0.55 | 19.5 | ✓ | N/A |
| 1/L2 | 0.64 | 0.64 | 0.96 | ✓ | 0.43 | N/A | 250 | LIM | >999 | ✓ | 0.66 | 18.6 | ✓ | N/A |
| 1/L3 | 0.67 | 0.67 | 0.96 | ✓ | 0.41 | N/A | 250 | LIM | >999 | ✓ | 0.62 | 17.8 | ✓ | N/A |
| 2/L1 | 0.71 | 0.71 | 1.03 | ✓ | 0.47 | N/A | 250 | LIM | >999 | ✓ | 0.67 | 17.9 | ✓ | N/A |
| 2/L2 | 0.60 | 0.60 | 0.93 | ✓ | 0.49 | N/A | 250 | LIM | >999 | ✓ | 0.69 | 18.9 | ✓ | N/A |
| 2/L3 | 0.56 | 0.57 | 0.83 | ✓ | 0.36 | N/A | 250 | LIM | >999 | ✓ | 0.58 | 18.8 | ✓ | N/A |
| 3/L1 | 0.59 | 0.59 | 0.83 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 17.4 | ✓ | N/A |
| 3/L2 | 0.47 | 0.47 | 0.76 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 18.8 | ✓ | N/A |
| 3/L3 | 0.31 | 0.31 | 0.49 | ✓ | 0.34 | N/A | 250 | LIM | >999 | ✓ | 0.54 | 17.8 | ✓ | N/A |
| 4/L1 | 0.48 | 0.48 | 0.76 | ✓ | 0.41 | N/A | 250 | LIM | >999 | ✓ | 0.63 | 19.7 | ✓ | N/A |
| 4/L2 | 0.52 | 0.52 | 0.79 | ✓ | 0.44 | N/A | 250 | LIM | >999 | ✓ | 0.66 | 17.5 | ✓ | N/A |
| 4/L3 | 0.57 | 0.57 | 0.83 | ✓ | 0.51 | N/A | 250 | LIM | >999 | ✓ | 0.71 | 18.8 | ✓ | N/A |
| 5/L1 | 0.63 | 0.63 | 0.86 | ✓ | 0.46 | N/A | 250 | LIM | >999 | ✓ | 0.66 | 18.6 | ✓ | N/A |
| 5/L2 | 0.52 | 0.52 | 0.77 | ✓ | 0.49 | N/A | 250 | LIM | >999 | ✓ | 0.69 | 18.8 | ✓ | N/A |
| 5/L3 | 0.62 | 0.62 | 0.88 | ✓ | 0.38 | N/A | 250 | LIM | >999 | ✓ | 0.59 | 18.6 | ✓ | N/A |
| 6/L1 | 0.73 | 0.73 | 1.08 | ✓ | 0.51 | N/A | 250 | LIM | >999 | ✓ | 0.72 | 18.8 | ✓ | N/A |
| 6/L2 | 0.41 | 0.41 | 0.74 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.44 | 17.8 | ✓ | N/A |
| 6/L3 | 0.44 | 0.44 | 0.75 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 19.6 | ✓ | N/A |
| 7/L1 | 0.47 | 0.47 | 0.70 | ✓ | 0.34 | N/A | 250 | LIM | >999 | ✓ | 0.54 | 20.4 | ✓ | N/A |
| 7/L2 | 0.52 | 0.52 | 0.79 | ✓ | 0.44 | N/A | 250 | LIM | >999 | ✓ | 0.63 | 19.6 | ✓ | N/A |
| 7/L3 | 0.60 | 0.60 | 0.85 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L1 | 0.58 | 0.58 | 0.84 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L2 | 0.42 | 0.42 | 0.73 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 17.9 | ✓ | N/A |
| 8/L3 | 0.41 | 0.41 | 0.71 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 18.8 | ✓ | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 18.9 | ✓ | N/A |
| 9/L2 | 0.42 | 0.42 | 0.71 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 9/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 13/12/2023 To: 13/12/2023
Date(s) live testing: 13/12/2023 To: 13/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 13/12/2023

### 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) | | | | (✓) | (✓) |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 13/12/2023 To 13/12/2023

Date(s) live testing 13/12/2023 To 13/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 13/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 4th Floor Riser STW2 (Hager)
Designation: DB MB/R2/4/L
No. of ways: 12

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 400 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/L1 | Lighting - Study Rooms 69, 71, 73 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 75, 77, 79 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | Lighting - Study Rooms 81, 82, 83 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L1 | Lighting - Study Rooms 76, 78, 80 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Lighting - Study Rooms 70, 72, 74 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 66, 67, 68 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | Lighting - Study Rooms 63, 64, 65 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L2 | Lighting - Study Rooms 58, 60, 62 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L3 | Lighting - Study Rooms 52, 54, 56 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L1 | Lighting - Study Rooms 51, 53, 55 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Study Rooms 57, 59, 61 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | Lighting - Study Rooms 119, 121, 123 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L1 | Lighting - Study Rooms 113, 115, 117 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L2 | Lighting - Study Rooms 112, 114, 116 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L3 | Lighting - Study Rooms 118, 120, 122 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L1 | Lighting - Study Rooms 124, 125, 126 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L2 | Lighting - Study Rooms 127, 129, 131 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L3 | Lighting - Study Rooms 128, 130, 132 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 7/L1 | Lighting - Kitchen 226 & This Riser | A3 | E | 6 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L2 | Lighting - Kitchen 224 | A3 | E | 5 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L3 | Lighting - Corridor Rooms 111 - 125 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L1 | Lighting - Corridor Rooms 65 - 83 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L2 | Lighting - Corridor Rooms 126 - 131 | A3 | E | 8 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 8/L3 | Lighting - Corridor Rooms 47 - 64 | A3 | E | 7 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 9/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | Lighting - Study Rooms 48 & 50 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |

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

## SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 4th Floor Riser STW2 (Hager)
Designation: DB MB/R2/4/L
No. of ways: 12 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.15 Ω Operating at IΔn ms
$I_{pf}$ 2.98 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/L1 | N/A | N/A | N/A | N/A | 0.59 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 18.8 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.65 | N/A | 250 | LIM | >999 | ✓ | 0.83 | 19.4 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.85 | 18.7 | ✓ | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.75 | 17.8 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.56 | N/A | 250 | LIM | >999 | ✓ | 0.74 | 18.6 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.58 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 18.8 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | 0.59 | N/A | 250 | LIM | >999 | ✓ | 0.79 | 18.9 | ✓ | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.67 | N/A | 250 | LIM | >999 | ✓ | 0.86 | 19.2 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | 0.68 | N/A | 250 | LIM | >999 | ✓ | 0.89 | 18.5 | ✓ | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.77 | N/A | 250 | LIM | >999 | ✓ | 0.94 | 17.4 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.90 | 16.9 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | 0.69 | N/A | 250 | LIM | >999 | ✓ | 0.89 | 15.8 | ✓ | N/A |
| 5/L1 | N/A | N/A | N/A | N/A | 0.79 | N/A | 250 | LIM | >999 | ✓ | 0.98 | 19.4 | ✓ | N/A |
| 5/L2 | N/A | N/A | N/A | N/A | 0.88 | N/A | 250 | LIM | >999 | ✓ | 1.07 | 18.6 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | 0.78 | N/A | 250 | LIM | >999 | ✓ | 0.96 | 17.8 | ✓ | N/A |
| 6/L1 | N/A | N/A | N/A | N/A | 0.65 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 18.7 | ✓ | N/A |
| 6/L2 | N/A | N/A | N/A | N/A | 0.65 | N/A | 250 | LIM | >999 | ✓ | 0.85 | 18.8 | ✓ | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.82 | 18.8 | ✓ | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.85 | N/A | N/A | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | 0.73 | N/A | 250 | LIM | >999 | ✓ | 0.93 | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | 0.99 | N/A | 250 | LIM | >999 | ✓ | 1.17 | N/A | N/A | N/A |
| 8/L1 | N/A | N/A | N/A | N/A | 0.77 | N/A | 250 | LIM | >999 | ✓ | 0.94 | N/A | N/A | N/A |
| 8/L2 | N/A | N/A | N/A | N/A | 0.62 | N/A | 250 | LIM | >999 | ✓ | 0.82 | N/A | N/A | N/A |
| 8/L3 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.89 | N/A | N/A | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 18.9 | ✓ | N/A |

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

Date(s) dead testing: 12/12/2023 To: 12/12/2023
Date(s) live testing: 12/12/2023 To: 12/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 12/12/2023

### 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 V | L/L, L/N M(Ω) | L/E, N/E M(Ω) | | | All RCDs IΔn ms | RCD (✓) | AFDD (✓) |
| | r1 | rn | r2 | (✓) | R1 + R2 | R2 | | | | | | | | |
| 10/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 12/12/2023 To 12/12/2023

Date(s) live testing 12/12/2023 To 12/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 12/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 4th Floor Riser STW2 (Hager)
Designation: DB MB/R2/4/P
No. of ways: 16

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 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/L1 | Ring Sockets - Study Rooms 69, 71, 73 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 75, 77, 79 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | Ring Sockets - Study Rooms 81, 82, 83 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L1 | Ring Sockets - Study Rooms 76, 78, 80 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | Ring Sockets - Study Rooms 70, 72, 74 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 66, 67, 68 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Ring Sockets - Study Rooms 63, 64, 65 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L2 | Ring Sockets - Study Rooms 58, 60, 62 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Ring Sockets - Study Rooms 52, 54, 56 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L1 | Ring Sockets - Study Rooms 51, 53, 55 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Ring Sockets - Study Rooms 57, 59, 61 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | Ring Sockets - Study Rooms 119, 121, 123 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L1 | Ring Sockets - Study Rooms 113, 115, 117 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Study Rooms 112, 114, 116 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | Ring Sockets - Study Rooms 118, 120, 122 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L1 | Ring Sockets - Study Rooms 124, 125, 126 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Study Rooms 127, 129, 131 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Ring Sockets - Study Rooms 128, 130, 132 | A3 | E | 12 | 2.5 | 1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L1 | Ring Sockets - Kitchen 226 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L2 | Ring Sockets - Kitchen 224 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L3 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L1 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L2 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L3 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 9/L1 | Ring Main - Kitchen 226 Appliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L2 | Ring Main - Kitchen 224 Appliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L3 | Ring Sockets - Study Rooms 48 & 50 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 20 |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/L1 | Smoke Dampers | A3 | E | 2 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 10/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L3 | Untraced Circuit | A3 | E | LIM | 2.5 | 1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 4th Floor Riser STW2 (Hager)
Designation: DB MB/R2/4/P
No. of ways: 16 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.15 Ω Operating at IΔn ms
$I_{pf}$ 2.98 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/L1 | 0.55 | 0.55 | 0.80 | ✓ | 0.19 | N/A | 250 | LIM | >999 | ✓ | 0.37 | 18.6 | ✓ | N/A |
| 1/L2 | 0.73 | 0.72 | 1.04 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.44 | 19.4 | ✓ | N/A |
| 1/L3 | 0.73 | 0.73 | 1.05 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.8 | ✓ | N/A |
| 2/L1 | 0.64 | 0.64 | 0.92 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.8 | ✓ | N/A |
| 2/L2 | 0.63 | 0.63 | 0.92 | ✓ | 0.30 | N/A | 250 | LIM | >999 | ✓ | 0.50 | 18.5 | ✓ | N/A |
| 2/L3 | 0.56 | 0.56 | 0.82 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.45 | 17.8 | ✓ | N/A |
| 3/L1 | 0.59 | 0.59 | 0.85 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.9 | ✓ | N/A |
| 3/L2 | 0.62 | 0.62 | 0.91 | ✓ | 0.36 | N/A | 250 | LIM | >999 | ✓ | 0.54 | 20.4 | ✓ | N/A |
| 3/L3 | 0.65 | 0.65 | 0.95 | ✓ | 0.33 | N/A | 250 | LIM | >999 | ✓ | 0.52 | 19.6 | ✓ | N/A |
| 4/L1 | 0.67 | 0.67 | 0.95 | ✓ | 0.36 | N/A | 250 | LIM | >999 | ✓ | 0.55 | 16.8 | ✓ | N/A |
| 4/L2 | 0.62 | 0.62 | 0.90 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 19.7 | ✓ | N/A |
| 4/L3 | 0.73 | 0.73 | 0.98 | ✓ | 0.54 | N/A | 250 | LIM | >999 | ✓ | 0.71 | 18.8 | ✓ | N/A |
| 5/L1 | 0.76 | 0.76 | 1.01 | ✓ | 0.44 | N/A | 250 | LIM | >999 | ✓ | 0.64 | 18.5 | ✓ | N/A |
| 5/L2 | 0.77 | 0.77 | 1.04 | ✓ | 0.37 | N/A | 250 | LIM | >999 | ✓ | 0.55 | 17.4 | ✓ | N/A |
| 5/L3 | 0.71 | 0.71 | 0.95 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 19.6 | ✓ | N/A |
| 6/L1 | 0.66 | 0.66 | 0.87 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 18.7 | ✓ | N/A |
| 6/L2 | 0.59 | 0.59 | 0.84 | ✓ | 0.22 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 18.9 | ✓ | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 18.7 | ✓ | N/A |
| 7/L1 | 0.55 | 0.55 | 0.82 | ✓ | 0.28 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 18.6 | ✓ | N/A |
| 7/L2 | 0.55 | 0.55 | 0.83 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 17.9 | ✓ | N/A |
| 7/L3 | 0.47 | 0.47 | 0.70 | ✓ | 0.19 | N/A | 250 | LIM | >999 | ✓ | 0.36 | 18.7 | ✓ | N/A |
| 8/L1 | 0.51 | 0.51 | 0.73 | ✓ | 0.19 | N/A | 250 | LIM | >999 | ✓ | 0.37 | 19.6 | ✓ | N/A |
| 8/L2 | 0.38 | 0.38 | 0.54 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L3 | 0.41 | 0.41 | 0.63 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 9/L1 | 0.48 | 0.48 | 0.76 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.45 | 18.8 | ✓ | N/A |
| 9/L2 | 0.55 | 0.55 | 0.82 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 18.6 | ✓ | N/A |
| 9/L3 | 0.61 | 0.61 | 0.82 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 17.9 | ✓ | N/A |

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

Date(s) dead testing: 13/12/2023 To: 13/12/2023
Date(s) live testing: 13/12/2023 To: 13/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 13/12/2023

### 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) | | | | (✓) | (✓) |
| 10/L1 | 0.28 | 0.28 | 0.49 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 10/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L3 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 19.5 | ✓ | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 13/12/2023 To 13/12/2023

Date(s) live testing 13/12/2023 To 13/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 13/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

FT/EICR 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 4th Floor Riser STW7 (Hager)

Designation: DB MB/R3/4/L

No. of ways: 6

**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: 3 BS(EN): Type: Rating: A

Nominal voltage: 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/L1 | Lighting - Study Rooms 92, 93, 94 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 89 & 90 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L2 | Lighting - Study Rooms 85 & 91 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 84, 86, 87 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 4/L1 | Lighting - Study Rooms 88 | A3 | E | 7 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Kitchen Pelmet | A3 | E | 2 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 4th Floor Riser STW7 (Hager)
Designation: DB MB/R3/4/L
No. of ways: 6 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.16 Ω Operating at IΔn ms
$I_{pf}$ 2.78 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/L1 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.82 | 19.5 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.57 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 18.6 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.74 | 18.9 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.90 | 18.7 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.73 | 17.4 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 18.8 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 14/12/2023 To: 14/12/2023
Date(s) live testing: 14/12/2023 To: 14/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 14/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 4th Floor Riser STW7 (Hager)
Designation: DB MB/R3/4/P
No. of ways: 8

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 400 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/L1 | Ring Sockets - Study Rooms 92, 93, 94 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 89 & 90 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L2 | Ring Sockets - Study Rooms 85 & 91 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 84, 86, 87 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | C | 32 | 10 | 0.54 | N/A | N/A | N/A | N/A |
| 3/L2 | Ring Cleaner Sockets - Corridor | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Smoke Dampers | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 32 | 10 | 0.54 | N/A | N/A | N/A | N/A |
| 4/L1 | Kitchen Appliances | A3 | E | 3 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Kitchen Appliances | A3 | E | 3 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/L1 | Ring Sockets - Kitchen | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Kitchen | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/L1 | Ring Sockets - Study Room 88 | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Study Room | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Hob | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 40 | 10 | 0.87 | 61009 | AC | 30 | 40 |
| 7/L1 | Oven | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 40 | 10 | 0.87 | 61009 | AC | 30 | 40 |
| 7/L2 | Untraced Circuit | A3 | E | LIM | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 6 | 10 | 2.91 | N/A | N/A | N/A | N/A |
| 7/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 4th Floor Riser STW7 (Hager)
Designation: DB MB/R3/4/P
No. of ways: 8 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.16 Ω Operating at IΔn ms
$I_{pf}$ 2.78 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 All RCDs IΔn ms | Manual test button operation RCD (✓) | Manual test button operation AFDD (✓) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ring final circuits only | | | Fig.8 check (✓) | R1R2 or R2 | | Test voltage V | L/L, L/N M(Ω) | L/E, N/E M(Ω) | | | | | |
| | r1 | rn | r2 | | R1 + R2 | R2 | | | | | | | | |
| 1/L1 | 0.52 | 0.51 | 0.72 | ✓ | 0.20 | N/A | 250 | LIM | >999 | ✓ | 0.40 | 18.8 | ✓ | N/A |
| 1/L2 | 0.48 | 0.48 | 0.71 | ✓ | 0.19 | N/A | 250 | LIM | >999 | ✓ | 0.39 | 18.9 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L2 | 0.42 | 0.42 | 0.69 | ✓ | 0.19 | N/A | 250 | LIM | >999 | ✓ | 0.37 | 19.5 | ✓ | N/A |
| 2/L3 | 0.52 | 0.52 | 0.74 | ✓ | 0.22 | N/A | 250 | LIM | >999 | ✓ | 0.41 | 20.6 | ✓ | N/A |
| 3/L1 | 0.41 | 0.41 | 0.67 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 3/L2 | 0.35 | 0.35 | 0.51 | ✓ | 0.14 | N/A | 250 | LIM | >999 | ✓ | 0.34 | 18.7 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.11 | N/A | 250 | LIM | >999 | ✓ | 0.29 | 18.8 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.12 | N/A | 250 | LIM | >999 | ✓ | 0.30 | 18.8 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/L1 | 0.55 | 0.55 | 0.81 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 17.9 | ✓ | N/A |
| 5/L2 | 0.43 | 0.43 | 0.67 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 19.4 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/L1 | 0.39 | 0.39 | 0.55 | ✓ | 0.14 | N/A | 250 | LIM | >999 | ✓ | 0.34 | 18.6 | ✓ | N/A |
| 6/L2 | 0.51 | 0.51 | 0.77 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.41 | 18.6 | ✓ | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.10 | N/A | 250 | LIM | >999 | ✓ | 0.29 | 18.9 | ✓ | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.12 | N/A | 250 | LIM | >999 | ✓ | 0.30 | 19.2 | ✓ | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 14/12/2023 To: 14/12/2023
Date(s) live testing: 14/12/2023 To: 14/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 14/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

FT/EICR 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 3rd Floor Riser STW1 (Hager)
Designation: DB MB/R1/3/L
No. of ways: 12

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 400 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/L1 | Lighting - Study Rooms 33, 35, 37 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 27, 29, 31 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | Lighting - Study Rooms 21, 23, 25 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L1 | Lighting - Study Rooms 24, 26, 28 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Lighting - Study Rooms 30, 32, 34 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 36, 38, 39 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | Lighting - Study Rooms 40, 41, 42 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 3.49 | 61009 | AC | 30 | 10 |
| 3/L2 | Lighting - Study Rooms 44 & 46 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L3 | Lighting - Study Rooms 43 & 45 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L1 | Lighting - Study Rooms 95, 97, 99 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Study Rooms 105, 107, 109 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | Lighting - Study Rooms 110 & 111 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L1 | Lighting - Study Rooms 104, 106, 108 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L2 | Lighting - Study Rooms 101, 102, 103 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L3 | Lighting - Study Rooms 96, 98, 100 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L1 | Lighting - Study Rooms 18, 19, 20, 22 | A3 | E | 28 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L2 | Lighting - Kitchen 225 | A3 | E | 4 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 6/L3 | Lighting - Kitchen 223 | A3 | E | 4 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L1 | Lighting - Corridor Rooms 38 - 46 & This Riser | A3 | E | 11 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L2 | Lighting - Corridor Rooms 95 - 100 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L3 | Lighting - Corridor Rooms 18 - 37 | A3 | E | 7 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L1 | Lighting - Corridor Rooms 101 - 110 | A3 | E | 10 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | Lighting - Study Rooms 47 & 49 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 10/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | | |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 3rd Floor Riser STW1 (Hager)
Designation: DB MB/R1/3/L
No. of ways: 12 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.19 Ω Operating at IΔn ms
$I_{pf}$ 2.48 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/L1 | N/A | N/A | N/A | N/A | 0.63 | N/A | 250 | LIM | >999 | ✓ | 0.88 | 19.6 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.51 | N/A | 250 | LIM | >999 | ✓ | 0.72 | 17.8 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.75 | 18.6 | ✓ | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.91 | 18.4 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.67 | N/A | 250 | LIM | >999 | ✓ | 0.89 | 17.9 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.86 | 18.5 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | 0.52 | N/A | 250 | LIM | >999 | ✓ | 0.73 | 17.9 | ✓ | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.75 | 18.8 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | 0.56 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 16.8 | ✓ | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.72 | N/A | 250 | LIM | >999 | ✓ | 0.94 | 17.4 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.88 | N/A | 250 | LIM | >999 | ✓ | 1.08 | 18.8 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | 0.92 | N/A | 250 | LIM | >999 | ✓ | 1.13 | 18.5 | ✓ | N/A |
| 5/L1 | N/A | N/A | N/A | N/A | 0.71 | N/A | 250 | LIM | >999 | ✓ | 0.92 | 19.4 | ✓ | N/A |
| 5/L2 | N/A | N/A | N/A | N/A | 0.82 | N/A | 250 | LIM | >999 | ✓ | 1.03 | 17.9 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | 0.85 | N/A | 250 | LIM | >999 | ✓ | 1.05 | 17.6 | ✓ | N/A |
| 6/L1 | N/A | N/A | N/A | N/A | 0.84 | N/A | 250 | LIM | >999 | ✓ | 1.06 | 18.6 | ✓ | N/A |
| 6/L2 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.77 | N/A | N/A | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.85 | N/A | N/A | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.69 | N/A | 250 | LIM | >999 | ✓ | 0.90 | N/A | N/A | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | 0.62 | N/A | 250 | LIM | >999 | ✓ | 0.83 | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | 0.73 | N/A | 250 | LIM | >999 | ✓ | 0.94 | N/A | N/A | N/A |
| 8/L1 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.90 | N/A | N/A | N/A |
| 8/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | N/A | N/A | N/A | N/A | 0.54 | N/A | 250 | LIM | >999 | ✓ | 0.74 | 18.8 | ✓ | N/A |
| 10/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 14/12/2023 To: 14/12/2023
Date(s) live testing: 14/12/2023 To: 14/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 14/12/2023

### 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) | | | | (✓) | (✓) |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | | 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 14/12/2023 To 14/12/2023

Date(s) live testing 14/12/2023 To 14/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 14/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 3rd Floor Riser STW1 (Hager)
Designation: DB MB/R1/3/P
No. of ways: 16

**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: 3 BS(EN) Type Rating A
Nominal voltage 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/L1 | Ring Sockets - Study Rooms 33, 35, 37 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 27, 29, 31 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | Ring Sockets - Study Rooms 21, 23, 25 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L1 | Ring Sockets - Study Rooms 24, 26, 28 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | Ring Sockets - Study Rooms 30, 32, 34 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 36, 38, 39 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Ring Sockets - Study Rooms 40, 41, 42 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L2 | Ring Sockets - Study Rooms 44 & 46 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Ring Sockets - Study Rooms 43 & 45 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L1 | Ring Sockets - Study Rooms 95, 97, 99 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Ring Sockets - Study Rooms 105, 107, 109 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | Ring Sockets - Study Rooms 110 & 111 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L1 | Ring Sockets - Study Rooms 104, 106, 108 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Study Rooms 101, 102, 103 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | Ring Sockets - Study Rooms 96, 98, 100 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L1 | Ring Sockets - Study Rooms 18, 19, 20, 22 | A3 | E | 16 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Kitchen 225 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Ring Sockets - Kitchen 223 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L1 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L2 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L3 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L1 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L2 | Ring Main - Kitchen 225 Aplliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L3 | Ring Main - Kitchen 223 Aplliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | Ring Main - Smoke Dampers | A3 | E | 2 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 10/L1 | Disabled Alarm - WC | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/L2 | Untraced Circuit | A3 | E | LIM | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 10/L3 | Ring Sockets - Study Rooms 47 & 49 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | SPARE | | | | | | | | | | | | | | | |
| 14/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 3rd Floor Riser STW1 (Hager)
Designation: DB MB/R1/3/P
No. of ways: 16 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.19 Ω Operating at IΔn ms
$I_{pf}$ 2.48 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/L1 | 0.40 | 0.40 | 0.66 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 18.9 | ✓ | N/A |
| 1/L2 | 0.64 | 0.64 | 0.96 | ✓ | 0.36 | N/A | 250 | LIM | >999 | ✓ | 0.58 | 19.3 | ✓ | N/A |
| 1/L3 | 0.69 | 0.69 | 0.97 | ✓ | 0.41 | N/A | 250 | LIM | >999 | ✓ | 0.62 | 18.7 | ✓ | N/A |
| 2/L1 | 0.71 | 0.71 | 1.03 | ✓ | 0.44 | N/A | 250 | LIM | >999 | ✓ | 0.66 | 18.6 | ✓ | N/A |
| 2/L2 | 0.60 | 0.60 | 0.93 | ✓ | 0.44 | N/A | 250 | LIM | >999 | ✓ | 0.65 | 18.8 | ✓ | N/A |
| 2/L3 | 0.58 | 0.58 | 0.84 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 16.9 | ✓ | N/A |
| 3/L1 | 0.55 | 0.55 | 0.81 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 17.7 | ✓ | N/A |
| 3/L2 | 0.47 | 0.47 | 0.76 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 17.4 | ✓ | N/A |
| 3/L3 | 0.29 | 0.29 | 0.48 | ✓ | 0.33 | N/A | 250 | LIM | >999 | ✓ | 0.54 | 18.8 | ✓ | N/A |
| 4/L1 | 0.48 | 0.48 | 0.76 | ✓ | 0.38 | N/A | 250 | LIM | >999 | ✓ | 0.59 | 18.5 | ✓ | N/A |
| 4/L2 | 0.53 | 0.53 | 0.79 | ✓ | 0.42 | N/A | 250 | LIM | >999 | ✓ | 0.62 | 19.5 | ✓ | N/A |
| 4/L3 | 0.57 | 0.57 | 0.83 | ✓ | 0.47 | N/A | 250 | LIM | >999 | ✓ | 0.69 | 18.8 | ✓ | N/A |
| 5/L1 | 0.59 | 0.59 | 0.84 | ✓ | 0.44 | N/A | 250 | LIM | >999 | ✓ | 0.66 | 18.6 | ✓ | N/A |
| 5/L2 | 0.55 | 0.55 | 0.79 | ✓ | 0.45 | N/A | 250 | LIM | >999 | ✓ | 0.65 | 18.9 | ✓ | N/A |
| 5/L3 | 0.63 | 0.63 | 0.88 | ✓ | 0.33 | N/A | 250 | LIM | >999 | ✓ | 0.53 | 18.6 | ✓ | N/A |
| 6/L1 | 0.74 | 0.74 | 1.09 | ✓ | 0.46 | N/A | 250 | LIM | >999 | ✓ | 0.68 | 18.8 | ✓ | N/A |
| 6/L2 | 0.41 | 0.41 | 0.74 | ✓ | 0.22 | N/A | 250 | LIM | >999 | ✓ | 0.44 | 17.8 | ✓ | N/A |
| 6/L3 | 0.44 | 0.44 | 0.75 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 17.9 | ✓ | N/A |
| 7/L1 | 0.47 | 0.47 | 0.71 | ✓ | 0.32 | N/A | 250 | LIM | >999 | ✓ | 0.52 | 19.4 | ✓ | N/A |
| 7/L2 | 0.52 | 0.52 | 0.79 | ✓ | 0.40 | N/A | 250 | LIM | >999 | ✓ | 0.61 | 19.3 | ✓ | N/A |
| 7/L3 | 0.61 | 0.61 | 0.85 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L1 | 0.55 | 0.55 | 0.84 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L2 | 0.42 | 0.42 | 0.73 | ✓ | 0.22 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.6 | ✓ | N/A |
| 8/L3 | 0.39 | 0.39 | 0.69 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 18.9 | ✓ | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | 0.42 | 0.42 | 0.71 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 10/L1 | N/A | N/A | N/A | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.49 | N/A | N/A | N/A |

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

Date(s) dead testing: 11/12/2023 To: 11/12/2023
Date(s) live testing: 11/12/2023 To: 11/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 11/12/2023

### 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) | | | | (✓) | (✓) |
| 10/L2 | 0.48 | 0.48 | 0.79 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 18.8 | ✓ | N/A |
| 10/L3 | 0.44 | 0.44 | 0.76 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.45 | 19.7 | ✓ | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | N/A | N/A | N/A | N/A | | | | | | N/A | | | N/A | N/A |
| 14/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 11/12/2023 To 11/12/2023

Date(s) live testing 11/12/2023 To 11/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 11/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 3rd Floor Riser STW2 (Hager)

Designation: DB MB/R2/3/L

No. of ways: 12

**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: 3 BS(EN) Type Rating A

Nominal voltage 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/L1 | Lighting - Study Rooms 69, 71, 73 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 75, 77, 79 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | Lighting - Study Rooms 81, 82, 83 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L1 | Lighting - Study Rooms 76, 78, 80 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Lighting - Study Rooms 70, 72, 74 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 66, 67, 68 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | Lighting - Study Rooms 63, 64, 65 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L2 | Lighting - Study Rooms 58, 60, 62 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L3 | Lighting - Study Rooms 52, 54, 56 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L1 | Lighting - Study Rooms 51, 53, 55 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Study Rooms 57, 59, 61 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | Lighting - Study Rooms 119, 121, 123 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L1 | Lighting - Study Rooms 113, 115, 117 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L2 | Lighting - Study Rooms 112, 114, 116 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L3 | Lighting - Study Rooms 118, 120, 122 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L1 | Lighting - Study Rooms 124, 125, 126 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L2 | Lighting - Study Rooms 127, 129, 131 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L3 | Lighting - Study Rooms 128, 130, 132 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 7/L1 | Lighting - Kitchen 226 | A3 | E | 5 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L2 | Lighting - Kitchen 224 & This Riser | A3 | E | 6 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L3 | Lighting - Corridor Room 111 - 125 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 8/L1 | Lighting - Corridor Rooms 65 - 83 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L2 | Lighting - Corridor Rooms 126 - 131 | A3 | E | 8 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L3 | Lighting - Corridor Rooms 47 - 64 | A3 | E | 7 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 9/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | Lighting - Study Rooms 48 & 50 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 3rd Floor Riser STW2 (Hager)
Designation: DB MB/R2/3/L
No. of ways: 12 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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
$I_{pf}$ 2.52 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/L1 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 18.6 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 18.7 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | 0.62 | N/A | 250 | LIM | >999 | ✓ | 0.83 | 19.2 | ✓ | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.52 | N/A | 250 | LIM | >999 | ✓ | 0.72 | 16.8 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.76 | 18.8 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.54 | N/A | 250 | LIM | >999 | ✓ | 0.75 | 18.7 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | 0.57 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 18.9 | ✓ | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 19.5 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | 0.75 | N/A | 250 | LIM | >999 | ✓ | 0.97 | 19.7 | ✓ | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.73 | N/A | 250 | LIM | >999 | ✓ | 0.95 | 18.7 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.71 | N/A | 250 | LIM | >999 | ✓ | 0.92 | 18.7 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.87 | 17.9 | ✓ | N/A |
| 5/L1 | N/A | N/A | N/A | N/A | 0.73 | N/A | 250 | LIM | >999 | ✓ | 0.94 | 18.4 | ✓ | N/A |
| 5/L2 | N/A | N/A | N/A | N/A | 0.87 | N/A | 250 | LIM | >999 | ✓ | 1.09 | 18.9 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | 0.71 | N/A | 250 | LIM | >999 | ✓ | 0.93 | 19.3 | ✓ | N/A |
| 6/L1 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.88 | 17.7 | ✓ | N/A |
| 6/L2 | N/A | N/A | N/A | N/A | 0.65 | N/A | 250 | LIM | >999 | ✓ | 0.86 | 18.8 | ✓ | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.65 | N/A | 250 | LIM | >999 | ✓ | 0.88 | 18.4 | ✓ | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.52 | N/A | 250 | LIM | >999 | ✓ | 0.74 | N/A | N/A | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | 0.77 | N/A | 250 | LIM | >999 | ✓ | 0.98 | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | 0.67 | N/A | 250 | LIM | >999 | ✓ | 0.89 | N/A | N/A | N/A |
| 8/L1 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.86 | N/A | N/A | N/A |
| 8/L2 | N/A | N/A | N/A | N/A | 0.74 | N/A | 250 | LIM | >999 | ✓ | 0.95 | N/A | N/A | N/A |
| 8/L3 | N/A | N/A | N/A | N/A | 0.77 | N/A | 250 | LIM | >999 | ✓ | 0.98 | N/A | N/A | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | N/A | N/A | N/A | N/A | 0.72 | N/A | 250 | LIM | >999 | ✓ | 0.93 | 18.8 | ✓ | N/A |

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

Date(s) dead testing: 15/12/2023 To: 15/12/2023
Date(s) live testing: 15/12/2023 To: 15/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 15/12/2023

## 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) | | | | (✓) | (✓) |
| 10/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 15/12/2023 To 15/12/2023

Date(s) live testing 15/12/2023 To 15/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 15/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 3rd Floor Riser STW2 (Hager)

Designation: DB MB/R2/3/P

No. of ways: 16

**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: 3 BS(EN) Type Rating A

Nominal voltage 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/L1 | Ring Sockets - Study Rooms 69, 71, 73 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 75, 77, 79 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | Ring Sockets - Study Rooms 81, 82, 83 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L1 | Ring Sockets - Study Rooms 76, 78, 80 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | Ring Sockets - Study Rooms 70, 72, 74 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 66, 67, 68 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Ring Sockets - Study Rooms 63, 64, 65 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L2 | Ring Sockets - Study Rooms 58, 60, 62 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Ring Sockets - Study Rooms 52, 54, 56 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L1 | Ring Sockets - Study Rooms 51, 53, 55 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Ring Sockets - Study Rooms 57, 59, 61 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | Ring Sockets - Study Rooms 119, 121, 123 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L1 | Ring Sockets - Study Rooms 113, 115, 117 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Study Rooms 112, 114, 116 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | Ring Sockets - Study Rooms 118, 120, 122 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L1 | Ring Sockets - Study Rooms 124, 125, 126 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Study Rooms 127, 129, 131 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Ring Sockets - Study Rooms 128, 130, 132 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L1 | Ring Sockets - Kitchen 226 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L2 | Ring Sockets - Kitchen 224 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L3 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L1 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L2 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L3 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 9/L1 | Ring Main - Kitchen 226 Appliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L2 | Ring Main - Kitchen 224 Appliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L3 | Ring Sockets - Study Rooms 48 & 50 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 20 |

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

## SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/L1 | Disabled Alarm | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 32 | 10 | 0.54 | N/A | N/A | N/A | N/A |
| 10/L2 | Smoke Dampers | A3 | E | 2 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 10/L3 | Access Control | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 32 | 10 | 0.54 | N/A | N/A | N/A | N/A |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 3rd Floor Riser STW2 (Hager)
Designation: DB MB/R2/3/P
No. of ways: 16 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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
$I_{pf}$ 2.60 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/L1 | 0.55 | 0.55 | 0.80 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 19.4 | ✓ | N/A |
| 1/L2 | 0.73 | 0.72 | 1.04 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 18.6 | ✓ | N/A |
| 1/L3 | 0.73 | 0.73 | 1.05 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.44 | 18.4 | ✓ | N/A |
| 2/L1 | 0.64 | 0.64 | 0.92 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 18.8 | ✓ | N/A |
| 2/L2 | 0.63 | 0.63 | 0.92 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.52 | 18.8 | ✓ | N/A |
| 2/L3 | 0.56 | 0.56 | 0.82 | ✓ | 0.21 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 17.5 | ✓ | N/A |
| 3/L1 | 0.59 | 0.59 | 0.85 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 19.7 | ✓ | N/A |
| 3/L2 | 0.62 | 0.62 | 0.91 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 18.7 | ✓ | N/A |
| 3/L3 | 0.65 | 0.65 | 0.95 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 18.3 | ✓ | N/A |
| 4/L1 | 0.67 | 0.67 | 0.95 | ✓ | 0.34 | N/A | 250 | LIM | >999 | ✓ | 0.57 | 17.9 | ✓ | N/A |
| 4/L2 | 0.62 | 0.62 | 0.90 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 20.3 | ✓ | N/A |
| 4/L3 | 0.73 | 0.73 | 0.98 | ✓ | 0.50 | N/A | 250 | LIM | >999 | ✓ | 0.72 | 18.5 | ✓ | N/A |
| 5/L1 | 0.76 | 0.76 | 1.01 | ✓ | 0.41 | N/A | 250 | LIM | >999 | ✓ | 0.62 | 16.8 | ✓ | N/A |
| 5/L2 | 0.77 | 0.77 | 1.04 | ✓ | 0.36 | N/A | 250 | LIM | >999 | ✓ | 0.58 | 18.8 | ✓ | N/A |
| 5/L3 | 0.71 | 0.71 | 0.95 | ✓ | 0.36 | N/A | 250 | LIM | >999 | ✓ | 0.56 | 18.5 | ✓ | N/A |
| 6/L1 | 0.66 | 0.66 | 0.87 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 19.7 | ✓ | N/A |
| 6/L2 | 0.59 | 0.59 | 0.84 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.44 | 18.9 | ✓ | N/A |
| 6/L3 | 0.41 | 0.41 | 0.64 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.4 | ✓ | N/A |
| 7/L1 | 0.55 | 0.55 | 0.82 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 18.8 | ✓ | N/A |
| 7/L2 | 0.55 | 0.55 | 0.83 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 19.7 | ✓ | N/A |
| 7/L3 | 0.47 | 0.47 | 0.70 | ✓ | 0.14 | N/A | 250 | LIM | >999 | ✓ | 0.34 | 18.7 | ✓ | N/A |
| 8/L1 | 0.51 | 0.51 | 0.73 | ✓ | 0.16 | N/A | 250 | LIM | >999 | ✓ | 0.36 | 19.6 | ✓ | N/A |
| 8/L2 | 0.38 | 0.38 | 0.54 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L3 | 0.41 | 0.41 | 0.63 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 9/L1 | 0.48 | 0.48 | 0.76 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 17.7 | ✓ | N/A |
| 9/L2 | 0.55 | 0.55 | 0.82 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 18.6 | ✓ | N/A |
| 9/L3 | 0.61 | 0.61 | 0.82 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.53 | 17.9 | ✓ | N/A |

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

Date(s) dead testing: 15/12/2023 To: 15/12/2023
Date(s) live testing: 15/12/2023 To: 15/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 15/12/2023

Created by FastTest © Copyright FastTest 2023

### 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) | | | | (✓) | (✓) |
| 10/L1 | N/A | N/A | N/A5 | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 10/L2 | 0.28 | 0.28 | 0.49 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 10/L3 | N/A | N/A | N/A5 | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 15/12/2023 To 15/12/2023

Date(s) live testing 15/12/2023 To 15/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 15/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 3rd Floor Riser STW7 (Hager)
Designation: DB MB/R3/3/L
No. of ways: 6

**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: 3 BS(EN) Type Rating A
Nominal voltage 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/L1 | Lighting - Study Rooms 92, 93, 94 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 89 & 90 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | Lighting - Study Rooms 85 & 91 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Untraced Circuit | A3 | E | LIM | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 84, 86, 87 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L2 | Lighting - Corridor & This Riser | A3 | E | 11 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 3/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 4/L1 | Lighting - Study Rooms 88 | A3 | E | 7 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Kitchen Pelmet | A3 | E | 2 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 3rd Floor Riser STW7 (Hager)
Designation: DB MB/R3/3/L
No. of ways: 6 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.16 Ω Operating at IΔn ms
$I_{pf}$ 2.86 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/L1 | N/A | N/A | N/A | N/A | 0.67 | N/A | 250 | LIM | >999 | ✓ | 0.86 | 18.8 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.56 | N/A | 250 | LIM | >999 | ✓ | 0.78 | 18.8 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.73 | 19.4 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 18.7 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.75 | N/A | 250 | LIM | >999 | ✓ | 0.94 | 17.8 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.60 | N/A | 250 | LIM | >999 | ✓ | 0.82 | N/A | N/A | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.56 | N/A | 250 | LIM | >999 | ✓ | 0.76 | 18.7 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 18.8 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 15/12/2023 To: 15/12/2023
Date(s) live testing: 15/12/2023 To: 15/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 15/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 3rd Floor Riser STW7 (Hager)
Designation: DB MB/R3/3/P
No. of ways: 8

**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: 3 BS(EN) Type Rating A
Nominal voltage: 400 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/L1 | Ring Sockets - Study Rooms 92, 93, 94 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 89 & 90 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | Ring Sockets - Study Rooms 85 & 91 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L3 | Ring Sockets - Study Rooms 84, 86, 87 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | C | 32 | 10 | 0.54 | N/A | N/A | N/A | N/A |
| 3/L2 | Ring Cleaner Sockets - Corridor | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Smoke Dampers | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 32 | 10 | 0.54 | N/A | N/A | N/A | N/A |
| 4/L1 | Kitchen Appliances | A3 | E | 3 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Ring Sockets - Kitchen | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/L1 | Ring Sockets - Kitchen | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Kitchen Appliances | A3 | E | 3 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/L1 | Ring Sockets - Study Room 88 | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Study Room | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Hob | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 40 | 10 | 0.87 | 61009 | AC | 30 | 40 |
| 7/L1 | Oven | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 40 | 10 | 0.87 | 61009 | AC | 30 | 40 |
| 7/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 3rd Floor Riser STW7 (Hager)
Designation: DB MB/R3/3/P
No. of ways: 8 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.16 Ω Operating at IΔn ms
$I_{pf}$ 2.86 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/L1 | 0.52 | 0.51 | 0.72 | ✓ | 0.19 | N/A | 250 | LIM | >999 | ✓ | 0.38 | 18.4 | ✓ | N/A |
| 1/L2 | 0.48 | 0.48 | 0.71 | ✓ | 0.22 | N/A | 250 | LIM | >999 | ✓ | 0.41 | 18.7 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | 0.44 | 0.44 | 0.70 | ✓ | 0.16 | N/A | 250 | LIM | >999 | ✓ | 0.34 | 18.8 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L3 | 0.52 | 0.52 | 0.74 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 19.4 | ✓ | N/A |
| 3/L1 | 0.41 | 0.41 | 0.67 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 3/L2 | 0.36 | 0.36 | 0.51 | ✓ | 0.11 | N/A | 250 | LIM | >999 | ✓ | 0.31 | 17.5 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.10 | N/A | 250 | LIM | >999 | ✓ | 0.29 | 18.9 | ✓ | N/A |
| 4/L2 | 0.43 | 0.43 | 0.67 | ✓ | 0.18 | N/A | 250 | LIM | >999 | ✓ | 0.39 | 20.3 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/L1 | 0.55 | 0.55 | 0.81 | ✓ | 0.20 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 18.8 | ✓ | N/A |
| 5/L2 | N/A | N/A | N/A | N/A | 0.10 | N/A | 250 | LIM | >999 | ✓ | 0.30 | 19.4 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/L1 | 0.37 | 0.37 | 0.52 | ✓ | 0.16 | N/A | 250 | LIM | >999 | ✓ | 0.36 | 18.8 | ✓ | N/A |
| 6/L2 | 0.51 | 0.51 | 0.77 | ✓ | 0.21 | N/A | 250 | LIM | >999 | ✓ | 0.40 | 18.6 | ✓ | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.10 | N/A | 250 | LIM | >999 | ✓ | 0.28 | 18.9 | ✓ | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.11 | N/A | 250 | LIM | >999 | ✓ | 0.29 | 18.5 | ✓ | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 15/12/2023 To: 15/12/2023
Date(s) live testing: 15/12/2023 To: 15/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:

Position: Electrical Test Engineer Date: 15/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 2nd Floor Riser STW1 (Hager)
Designation: DB MB/R1/2/L
No. of ways: 12

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 400 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/L1 | Lighting - Study Rooms 33, 35, 37 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 27, 29, 31 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | Lighting - Study Rooms 21, 23, 25 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L1 | Lighting - Study Rooms 24, 26, 28 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Lighting - Study Rooms 30, 32, 34 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 36, 38, 39 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | Lighting - Study Rooms 40, 41, 42 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 3.49 | 61009 | AC | 30 | 10 |
| 3/L2 | Lighting - Study Rooms 44 & 46 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L3 | Lighting - Study Rooms 43 & 45 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L1 | Lighting - Study Rooms 95, 97, 99 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Study Rooms 105, 107, 109 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | Lighting - Study Rooms 110 & 111 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L1 | Lighting - Study Rooms 104, 106, 108 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L2 | Lighting - Study Rooms 101, 102, 103 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L3 | Lighting - Study Rooms 96, 98, 100 | A3 | E | 22 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L1 | Lighting - Study Rooms 18, 19, 20, 22 | A3 | E | 28 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L2 | Lighting - Kitchen 225 | A3 | E | 4 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 6/L3 | Lighting - Kitchen 223 | A3 | E | 4 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L1 | Lighting - Corridor Rooms 38 - 46 & This Riser | A3 | E | 11 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 7/L2 | Lighting - Corridor Rooms 95 - 100 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 7/L3 | Lighting - Corridor Rooms 18 - 37 | A3 | E | 7 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L1 | Lighting - Corridor Rooms 101 - 110 | A3 | E | 11 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | Lighting - Study Rooms 47 & 49 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 10/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L3 | Untraced Circuit | A3 | E | LIM | 2.5 | 1.5 | 0.4 | 61009 RCD/RCBO | B | 10 | 10 | 3.49 | 61009 | AC | 30 | 10 |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 2nd Floor Riser STW1 (Hager)
Designation: DB MB/R1/2/L
No. of ways: 12 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.16 Ω Operating at IΔn ms
$I_{pf}$ 2.82 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/L1 | N/A | N/A | N/A | N/A | 0.68 | N/A | 250 | LIM | >999 | ✓ | 0.87 | 18.8 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.58 | N/A | 250 | LIM | >999 | ✓ | 0.75 | 18.6 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | 0.59 | N/A | 250 | LIM | >999 | ✓ | 0.79 | 19.2 | ✓ | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.92 | 18.8 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.69 | N/A | 250 | LIM | >999 | ✓ | 0.89 | 18.8 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.84 | 17.3 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.75 | 19.5 | ✓ | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.58 | N/A | 250 | LIM | >999 | ✓ | 0.78 | 18.6 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | 0.59 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 18.9 | ✓ | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.78 | N/A | 250 | LIM | >999 | ✓ | 0.96 | 18.7 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.88 | N/A | 250 | LIM | >999 | ✓ | 1.07 | 18.8 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | 0.91 | N/A | 250 | LIM | >999 | ✓ | 1.10 | 19.4 | ✓ | N/A |
| 5/L1 | N/A | N/A | N/A | N/A | 0.77 | N/A | 250 | LIM | >999 | ✓ | 0.95 | 18.8 | ✓ | N/A |
| 5/L2 | N/A | N/A | N/A | N/A | 0.84 | N/A | 250 | LIM | >999 | ✓ | 1.03 | 17.9 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | 0.87 | N/A | 250 | LIM | >999 | ✓ | 1.05 | 17.6 | ✓ | N/A |
| 6/L1 | N/A | N/A | N/A | N/A | 0.88 | N/A | 250 | LIM | >999 | ✓ | 1.08 | 18.6 | ✓ | N/A |
| 6/L2 | N/A | N/A | N/A | N/A | 0.56 | N/A | 250 | LIM | >999 | ✓ | 0.74 | N/A | N/A | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.69 | N/A | 250 | LIM | >999 | ✓ | 0.88 | N/A | N/A | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.72 | N/A | 250 | LIM | >999 | ✓ | 0.92 | N/A | N/A | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | 0.67 | N/A | 250 | LIM | >999 | ✓ | 0.86 | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | 0.71 | N/A | 250 | LIM | >999 | ✓ | 0.91 | N/A | N/A | N/A |
| 8/L1 | N/A | N/A | N/A | N/A | 0.75 | N/A | 250 | LIM | >999 | ✓ | 0.93 | N/A | N/A | N/A |
| 8/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | N/A | N/A | N/A | N/A | 0.58 | N/A | 250 | LIM | >999 | ✓ | 0.77 | 18.7 | ✓ | N/A |
| 10/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 15/12/2023 To: 15/12/2023
Date(s) live testing: 15/12/2023 To: 15/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 15/12/2023

### 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) | | | | (✓) | (✓) |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L3 | N/A | N/A | N/A | N/A | N/A | N/A | 250 | LIM | >999 | LIM | LIM | 18.6 | N/A | N/A |

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

Date(s) dead testing 15/12/2023 To 15/12/2023

Date(s) live testing 15/12/2023 To 15/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 15/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 2nd Floor Riser STW1 (Hager)
Designation: DB MB/R1/2/P
No. of ways: 16

**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: 3 BS(EN): Type: Rating: A
Nominal voltage: 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/L1 | Ring Sockets - Study Rooms 33, 35, 37 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 27, 29, 31 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | Ring Sockets - Study Rooms 24, 26, 28 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | Ring Sockets - Study Rooms 30, 32, 34 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 36, 38, 39 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Ring Sockets - Study Rooms 40, 41, 42 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L2 | Ring Sockets - Study Rooms 44 & 46 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Ring Sockets - Study Rooms 43 & 45 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L1 | Ring Sockets - Study Rooms 95, 97, 99 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Ring Sockets - Study Rooms 105, 107, 109 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | Ring Sockets - Study Rooms 110 & 111 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L1 | Ring Sockets - Study Rooms 104, 106, 108 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Study Rooms 101, 102, 103 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | Ring Sockets - Study Rooms 96, 98, 100 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L1 | Ring Sockets - Study Rooms 18, 19, 20, 22 | A3 | E | 16 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Kitchen 225 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Ring Sockets - Kitchen 223 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L1 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L2 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L3 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L1 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L2 | Ring Main - Kitchen 225 Aplliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L3 | Ring Main - Kitchen 223 Aplliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L1 | Ring Main - Smoke Dampers | A3 | E | 2 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 9/L2 | Ring Sockets - Study Rooms 47 & 49 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L3 | Ring Sockets - Study Rooms 21, 23, 25 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 10/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 2nd Floor Riser STW1 (Hager)
Designation: DB MB/R1/2/P
No. of ways: 16 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.16 Ω Operating at IΔn ms
$I_{pf}$ 2.82 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/L1 | 0.40 | 0.40 | 0.66 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.5 | ✓ | N/A |
| 1/L2 | 0.64 | 0.64 | 0.96 | ✓ | 0.37 | N/A | 250 | LIM | >999 | ✓ | 0.55 | 18.8 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | 0.71 | 0.71 | 1.03 | ✓ | 0.42 | N/A | 250 | LIM | >999 | ✓ | 0.62 | 19.2 | ✓ | N/A |
| 2/L2 | 0.60 | 0.60 | 0.93 | ✓ | 0.42 | N/A | 250 | LIM | >999 | ✓ | 0.61 | 19.5 | ✓ | N/A |
| 2/L3 | 0.58 | 0.58 | 0.84 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 17.8 | ✓ | N/A |
| 3/L1 | 0.55 | 0.55 | 0.81 | ✓ | 0.28 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 18.8 | ✓ | N/A |
| 3/L2 | 0.47 | 0.47 | 0.76 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 17.6 | ✓ | N/A |
| 3/L3 | 0.29 | 0.29 | 0.48 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 19.2 | ✓ | N/A |
| 4/L1 | 0.48 | 0.48 | 0.76 | ✓ | 0.31 | N/A | 250 | LIM | >999 | ✓ | 0.53 | 18.7 | ✓ | N/A |
| 4/L2 | 0.53 | 0.53 | 0.79 | ✓ | 0.39 | N/A | 250 | LIM | >999 | ✓ | 0.57 | 19.5 | ✓ | N/A |
| 4/L3 | 0.57 | 0.57 | 0.83 | ✓ | 0.40 | N/A | 250 | LIM | >999 | ✓ | 0.63 | 18.8 | ✓ | N/A |
| 5/L1 | 0.59 | 0.59 | 0.84 | ✓ | 0.41 | N/A | 250 | LIM | >999 | ✓ | 0.61 | 18.8 | ✓ | N/A |
| 5/L2 | 0.55 | 0.55 | 0.79 | ✓ | 0.40 | N/A | 250 | LIM | >999 | ✓ | 0.61 | 17.5 | ✓ | N/A |
| 5/L3 | 0.63 | 0.63 | 0.88 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.50 | 18.6 | ✓ | N/A |
| 6/L1 | 0.74 | 0.74 | 1.09 | ✓ | 0.41 | N/A | 250 | LIM | >999 | ✓ | 0.63 | 18.8 | ✓ | N/A |
| 6/L2 | 0.41 | 0.41 | 0.74 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.9 | ✓ | N/A |
| 6/L3 | 0.44 | 0.44 | 0.75 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.47 | 18.5 | ✓ | N/A |
| 7/L1 | 0.47 | 0.47 | 0.71 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 19.4 | ✓ | N/A |
| 7/L2 | 0.52 | 0.52 | 0.79 | ✓ | 0.39 | N/A | 250 | LIM | >999 | ✓ | 0.58 | 19.3 | ✓ | N/A |
| 7/L3 | 0.61 | 0.61 | 0.85 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L1 | 0.55 | 0.55 | 0.84 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L2 | 0.42 | 0.42 | 0.73 | ✓ | 0.22 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 18.8 | ✓ | N/A |
| 8/L3 | 0.39 | 0.39 | 0.69 | ✓ | 0.28 | N/A | 250 | LIM | >999 | ✓ | 0.46 | 18.9 | ✓ | N/A |
| 9/L1 | 0.42 | 0.42 | 0.71 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 9/L2 | 0.44 | 0.44 | 0.76 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.7 | ✓ | N/A |
| 9/L3 | 0.69 | 0.69 | 0.97 | ✓ | 0.39 | N/A | 250 | LIM | >999 | ✓ | 0.58 | 18.7 | ✓ | N/A |
| 10/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 15/12/2023 To: 15/12/2023
Date(s) live testing: 15/12/2023 To: 15/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 15/12/2023

### TEST RESULTS

| Circuit No. and Line | Circuit impedance Ω: Ring final circuits only r1 | rn | r2 | Fig 8 check (✓) | R1R2 or R2: R1 + R2 | R2 | Insulation resistance (Record lower reading): Test voltage V | L/L, L/N M(Ω) | L/E, N/E M(Ω) | Polarity | Max. Measured Zs (Ω) | RCD testing: All RCDs IΔn ms | Manual test button operation: RCD (✓) | AFDD (✓) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 15/12/2023 To 15/12/2023

Date(s) live testing 15/12/2023 To 15/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 15/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 2nd Floor Riser STW2 (Hager)

Designation: DB MB/R2/2/L

No. of ways: 12

**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: 3 BS(EN): Type: Rating: A

Nominal voltage: 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/L1 | Lighting - Study Rooms 69, 71, 73 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 75, 77, 79 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | Lighting - Study Rooms 81, 82, 83 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L1 | Lighting - Study Rooms 76, 78, 80 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | Lighting - Study Rooms 70, 72, 74 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L3 | Lighting - Study Rooms 66, 67, 68 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | Lighting - Study Rooms 63, 64, 65 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L2 | Lighting - Study Rooms 58, 60, 62 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L3 | Lighting - Study Rooms 52, 54, 56 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L1 | Lighting - Study Rooms 51, 53, 55 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Study Rooms 57, 59, 61 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | Lighting - Study Rooms 119, 121, 123 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L1 | Lighting - Study Rooms 113, 115, 117 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L2 | Lighting - Study Rooms 112, 114, 116 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 5/L3 | Lighting - Study Rooms 118, 120, 122 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L1 | Lighting - Study Rooms 124, 125, 126 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L2 | Lighting - Study Rooms 127, 129, 131 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 6/L3 | Lighting - Study Rooms 128, 130, 132 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 7/L1 | Lighting - Kitchen 226 & This Riser | A3 | E | 6 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L2 | Lighting - Kitchen 224 | A3 | E | 5 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 7/L3 | Lighting - Corridor Rooms 126 - 131 | A3 | E | 8 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 8/L1 | Lighting - Corridor Rooms 65 - 83 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L2 | Lighting - Corridor Room 111 - 125 | A3 | E | 9 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 8/L3 | Lighting - Corridor Rooms 47 - 64 | A3 | E | 7 | 1.5 | 1 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 9/L1 | Lighting - Staircase STW4 GF - 2nd Floor | A3 | E | 7 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 10 | 10 | 1.75 | N/A | N/A | N/A | N/A |
| 9/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 9/L3 | Lighting - Study Rooms 48 & 50 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 10/L1 | Lighting - Staircase STW6 GF - 2nd Floor | A3 | E | 10 | 2.5 | 1.5 | 0.4 | 60898 MCB | B | 16 | 10 | 2.18 | N/A | N/A | N/A | N/A |
| 10/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | | |
| 10/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | | |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 2nd Floor Riser STW2 (Hager)
Designation: DB MB/R2/2/L
No. of ways: 12 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.23 Ω Operating at IΔn ms
$I_{pf}$ 2.02 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/L1 | N/A | N/A | N/A | N/A | 0.59 | N/A | 250 | LIM | >999 | ✓ | 0.85 | 18.8 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.91 | 18.7 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | 0.71 | N/A | 250 | LIM | >999 | ✓ | 0.96 | 18.9 | ✓ | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.60 | N/A | 250 | LIM | >999 | ✓ | 0.85 | 17.6 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | 0.62 | N/A | 250 | LIM | >999 | ✓ | 0.87 | 18.8 | ✓ | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.63 | N/A | 250 | LIM | >999 | ✓ | 0.89 | 18.7 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | 0.61 | N/A | 250 | LIM | >999 | ✓ | 0.86 | 18.8 | ✓ | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.64 | N/A | 250 | LIM | >999 | ✓ | 0.89 | 19.5 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | 0.81 | N/A | 250 | LIM | >999 | ✓ | 1.07 | 19.7 | ✓ | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.78 | N/A | 250 | LIM | >999 | ✓ | 1.04 | 18.7 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.72 | N/A | 250 | LIM | >999 | ✓ | 0.98 | 17.4 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | 0.77 | N/A | 250 | LIM | >999 | ✓ | 0.92 | 17.9 | ✓ | N/A |
| 5/L1 | N/A | N/A | N/A | N/A | 0.72 | N/A | 250 | LIM | >999 | ✓ | 0.97 | 16.9 | ✓ | N/A |
| 5/L2 | N/A | N/A | N/A | N/A | 0.91 | N/A | 250 | LIM | >999 | ✓ | 1.17 | 18.7 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.97 | 18.5 | ✓ | N/A |
| 6/L1 | N/A | N/A | N/A | N/A | 0.68 | N/A | 250 | LIM | >999 | ✓ | 0.94 | 17.7 | ✓ | N/A |
| 6/L2 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.95 | 18.8 | ✓ | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.71 | N/A | 250 | LIM | >999 | ✓ | 0.95 | 18.8 | ✓ | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.60 | N/A | 250 | LIM | >999 | ✓ | 0.85 | N/A | N/A | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | 0.88 | N/A | 250 | LIM | >999 | ✓ | 1.09 | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | 0.77 | N/A | 250 | LIM | >999 | ✓ | 0.98 | N/A | N/A | N/A |
| 8/L1 | N/A | N/A | N/A | N/A | 0.72 | N/A | 250 | LIM | >999 | ✓ | 0.94 | N/A | N/A | N/A |
| 8/L2 | N/A | N/A | N/A | N/A | 0.72 | N/A | 250 | LIM | >999 | ✓ | 0.98 | N/A | N/A | N/A |
| 8/L3 | N/A | N/A | N/A | N/A | 0.83 | N/A | 250 | LIM | >999 | ✓ | 1.05 | N/A | N/A | N/A |
| 9/L1 | N/A | N/A | N/A | N/A | 0.87 | N/A | 250 | LIM | >999 | ✓ | 1.07 | | N/A | N/A |
| 9/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 9/L3 | N/A | N/A | N/A | N/A | 0.78 | N/A | 250 | LIM | >999 | ✓ | 0.98 | 18.6 | ✓ | N/A |

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

Date(s) dead testing: 19/12/2023 To: 19/12/2023
Date(s) live testing: 19/12/2023 To: 19/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 19/12/2023

## 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) | | | | (✓) | (✓) |
| 10/L1 | N/A | N/A | N/A | N/A | 0.91 | N/A | 250 | LIM | >999 | ✓ | 1.14 | | N/A | N/A |
| 10/L2 | N/A | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L3 | N/A | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 19/12/2023 To 19/12/2023

Date(s) live testing 19/12/2023 To 19/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 19/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 2nd Floor Riser STW2 (Hager)
Designation: DB MB/R2/2/P
No. of ways: 16

**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: 3 BS(EN) Type Rating A
Nominal voltage 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/L1 | Ring Sockets - Study Rooms 69, 71, 73 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 75, 77, 79 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | Ring Sockets - Study Rooms 81, 82, 83 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L1 | Ring Sockets - Study Rooms 76, 78, 80 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | Ring Sockets - Study Rooms 70, 72, 74 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L3 | Ring Sockets - Study Rooms 66, 67, 68 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Ring Sockets - Study Rooms 63, 64, 65 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L2 | Ring Sockets - Study Rooms 58, 60, 62 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Ring Sockets - Study Rooms 52, 54, 56 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L1 | Ring Sockets - Study Rooms 51, 53, 55 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Ring Sockets - Study Rooms 57, 59, 61 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | Ring Sockets - Study Rooms 119, 121, 123 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L1 | Ring Sockets - Study Rooms 113, 115, 117 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Study Rooms 112, 114, 116 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | Ring Sockets - Study Rooms 118, 120, 122 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L1 | Ring Sockets - Study Rooms 124, 125, 126 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Study Rooms 127, 129, 131 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Ring Sockets - Study Rooms 128, 130, 132 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L1 | Ring Sockets - Kitchen 226 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L2 | Ring Sockets - Kitchen 224 | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 7/L3 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L1 | Ring Cleaner Sockets - Corridor | A3 | E | 6 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 8/L2 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 8/L3 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 9/L1 | Ring Main - Kitchen 226 Appliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L2 | Ring Main - Kitchen 224 Appliances | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 9/L3 | Ring Sockets - Study Rooms 48 & 50 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 20 |

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

### SCHEDULE OF CIRCUIT DETAILS

| Circuit No. and Line | Circuit designation | Type of wiring | Ref. method :j: | No. of points served | Circuit conductors csa (mm²) | | Maximum disconnection time (BS 7671) (S) | Overcurrent protective devices | | | Breaking capacity (KA) | BS 7671 Max. permitted Zs Other Other § 80% (Ω) | RCD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | L / N | CPC | | BS EN Number | Type No. | Rating (A) | | | BS EN Number | Type No. | IΔn (mA) | Rating (A) |
| 10/L1 | Smoke Dampers | A3 | E | 2 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 10/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 2nd Floor Riser STW2 (Hager)
Designation: DB MB/R2/2/P
No. of ways: 16 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.23 Ω Operating at IΔn ms
$I_{pf}$ 2.00 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/L1 | 0.55 | 0.55 | 0.80 | ✓ | 0.30 | N/A | 250 | LIM | >999 | ✓ | 0.55 | 18.5 | ✓ | N/A |
| 1/L2 | 0.73 | 0.72 | 1.04 | ✓ | 0.33 | N/A | 250 | LIM | >999 | ✓ | 0.58 | 19.7 | ✓ | N/A |
| 1/L3 | 0.73 | 0.73 | 1.05 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.49 | 18.8 | ✓ | N/A |
| 2/L1 | 0.64 | 0.64 | 0.92 | ✓ | 0.25 | N/A | 250 | LIM | >999 | ✓ | 0.51 | 18.7 | ✓ | N/A |
| 2/L2 | 0.63 | 0.63 | 0.92 | ✓ | 0.32 | N/A | 250 | LIM | >999 | ✓ | 0.58 | 18.7 | ✓ | N/A |
| 2/L3 | 0.56 | 0.56 | 0.82 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 19.3 | ✓ | N/A |
| 3/L1 | 0.59 | 0.59 | 0.85 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.52 | 17.7 | ✓ | N/A |
| 3/L2 | 0.62 | 0.62 | 0.91 | ✓ | 0.34 | N/A | 250 | LIM | >999 | ✓ | 0.59 | 17.4 | ✓ | N/A |
| 3/L3 | 0.65 | 0.65 | 0.95 | ✓ | 0.28 | N/A | 250 | LIM | >999 | ✓ | 0.54 | 18.7 | ✓ | N/A |
| 4/L1 | 0.67 | 0.67 | 0.95 | ✓ | 0.39 | N/A | 250 | LIM | >999 | ✓ | 0.64 | 18.9 | ✓ | N/A |
| 4/L2 | 0.62 | 0.62 | 0.90 | ✓ | 0.28 | N/A | 250 | LIM | >999 | ✓ | 0.53 | 20.3 | ✓ | N/A |
| 4/L3 | 0.73 | 0.73 | 0.98 | ✓ | 0.54 | N/A | 250 | LIM | >999 | ✓ | 0.79 | 19.3 | ✓ | N/A |
| 5/L1 | 0.76 | 0.76 | 1.01 | ✓ | 0.42 | N/A | 250 | LIM | >999 | ✓ | 0.67 | 18.7 | ✓ | N/A |
| 5/L2 | 0.77 | 0.77 | 1.04 | ✓ | 0.39 | N/A | 250 | LIM | >999 | ✓ | 0.65 | 18.8 | ✓ | N/A |
| 5/L3 | 0.71 | 0.71 | 0.95 | ✓ | 0.36 | N/A | 250 | LIM | >999 | ✓ | 0.61 | 18.5 | ✓ | N/A |
| 6/L1 | 0.66 | 0.66 | 0.87 | ✓ | 0.30 | N/A | 250 | LIM | >999 | ✓ | 0.55 | 16.3 | ✓ | N/A |
| 6/L2 | 0.59 | 0.59 | 0.84 | ✓ | 0.24 | N/A | 250 | LIM | >999 | ✓ | 0.50 | 18.6 | ✓ | N/A |
| 6/L3 | 0.40 | 0.40 | 0.63 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.48 | 17.5 | ✓ | N/A |
| 7/L1 | 0.55 | 0.55 | 0.82 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.53 | 18.6 | ✓ | N/A |
| 7/L2 | 0.55 | 0.55 | 0.83 | ✓ | 0.27 | N/A | 250 | LIM | >999 | ✓ | 0.52 | 19.2 | ✓ | N/A |
| 7/L3 | 0.47 | 0.47 | 0.70 | ✓ | 0.15 | N/A | 250 | LIM | >999 | ✓ | 0.41 | 18.7 | ✓ | N/A |
| 8/L1 | 0.53 | 0.53 | 0.74 | ✓ | 0.15 | N/A | 250 | LIM | >999 | ✓ | 0.40 | 18.8 | ✓ | N/A |
| 8/L2 | 0.38 | 0.38 | 0.54 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 8/L3 | 0.41 | 0.41 | 0.63 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 9/L1 | 0.48 | 0.48 | 0.76 | ✓ | 0.26 | N/A | 250 | LIM | >999 | ✓ | 0.52 | 18.8 | ✓ | N/A |
| 9/L2 | 0.55 | 0.55 | 0.82 | ✓ | 0.29 | N/A | 250 | LIM | >999 | ✓ | 0.54 | 18.6 | ✓ | N/A |
| 9/L3 | 0.61 | 0.61 | 0.82 | ✓ | 0.33 | N/A | 250 | LIM | >999 | ✓ | 0.58 | 19.3 | ✓ | N/A |

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

Date(s) dead testing: 19/12/2023 To: 19/12/2023
Date(s) live testing: 19/12/2023 To: 19/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY
Position: Electrical Test Engineer Date: 19/12/2023
Signature:

### 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) | | | | (✓) | (✓) |
| 10/L1 | 0.30 | 0.30 | 0.50 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 10/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 10/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 13/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 16/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 19/12/2023 To 19/12/2023

Date(s) live testing 19/12/2023 To 19/12/2023

Test instrument serial number(s) Loop impedance 101256984 Insulation resistance 101256984 Continuity 101256984 RCD 101256984 E/Electrode

Tested by: Name (capital letters) NAM LY Signature

Position Electrical Test Engineer Date 19/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 2nd Floor Riser STW7 (Hager)

Designation: DB MB/R3/2/L

No. of ways: 6

**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: 3 BS(EN): Type: Rating: A

Nominal voltage: 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/L1 | Lighting - Study Rooms 92, 93, 94 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L2 | Lighting - Study Rooms 89 & 90 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 1/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | Lighting - Study Rooms 85 & 91 | A3 | E | 14 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 2/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L3 | Lighting - Study Rooms 84, 86, 87 | A3 | E | 21 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 3/L1 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L2 | Lighting - Corridor & This Riser | A3 | E | 11 | 1.5 | 1 | 0.4 | 60898 MCB | B | 10 | 10 | 3.49 | N/A | N/A | N/A | N/A |
| 3/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 4/L1 | Lighting - Study Rooms 88 | A3 | E | 7 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L2 | Lighting - Kitchen Pelmet | A3 | E | 2 | 1.5 | 1 | 0.4 | 61009 RCD/RCBO | C | 10 | 10 | 1.75 | 61009 | AC | 30 | 10 |
| 4/L3 | Lighting - Staircase STW7 LG - 2nd Floor | A3 | E | 11 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 6 | 10 | 2.91 | N/A | N/A | N/A | N/A |
| 5/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 2nd Floor Riser STW7 (Hager)
Designation: DB MB/R3/2/L
No. of ways: 6 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.19 Ω Operating at IΔn ms
$I_{pf}$ 2.22 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/L1 | N/A | N/A | N/A | N/A | 0.68 | N/A | 250 | LIM | >999 | ✓ | 0.89 | 18.7 | ✓ | N/A |
| 1/L2 | N/A | N/A | N/A | N/A | 0.62 | N/A | 250 | LIM | >999 | ✓ | 0.83 | 18.8 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | N/A | N/A | N/A | N/A | 0.55 | N/A | 250 | LIM | >999 | ✓ | 0.78 | 18.8 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L3 | N/A | N/A | N/A | N/A | 0.70 | N/A | 250 | LIM | >999 | ✓ | 0.91 | 19.2 | ✓ | N/A |
| 3/L1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 3/L2 | N/A | N/A | N/A | N/A | 0.66 | N/A | 250 | LIM | >999 | ✓ | 0.87 | N/A | N/A | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.61 | N/A | 250 | LIM | >999 | ✓ | 0.81 | 18.7 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | 18.8 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | 0.94 | N/A | 250 | LIM | >999 | ✓ | 1.16 | N/A | N/A | N/A |
| 5/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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: 19/12/2023 To: 19/12/2023
Date(s) live testing: 19/12/2023 To: 19/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 19/12/2023

# ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

**FT/EICR** 2670000237149

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

phs Compliance

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street<br>, London, | **Postcode** | WC1H 9EN |
| **Client Postcode** | EC4R 9AB | | |

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

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

Location: 2nd Floor Riser STW7 (Hager)

Designation: DB MB/R3/2/P

No. of ways: 8

**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: 3 BS(EN): Type: Rating: A

Nominal voltage: 400 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/L1 | Ring Sockets - Study Rooms 92, 93, 94 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L2 | Ring Sockets - Study Rooms 89 & 90 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 1/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | Ring Sockets - Study Rooms 85 & 91 | A3 | E | 8 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 2/L2 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L3 | Ring Sockets - Study Rooms 84, 86, 87 | A3 | E | 12 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L1 | Access Control/Auto Doors | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 3/L2 | Ring Cleaner Sockets - Corridor | A3 | E | 5 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 3/L3 | Smoke Dampers | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | B | 32 | 10 | 1.09 | N/A | N/A | N/A | N/A |
| 4/L1 | Kitchen Appliances | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L2 | Kitchen Appliances | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 4/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/L1 | Ring Sockets - Kitchen | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L2 | Ring Sockets - Kitchen | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 5/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/L1 | Ring Sockets - Study Room 88 | A3 | E | 3 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L2 | Ring Sockets - Study Room | A3 | E | 4 | 2x2.5 | 2x1.5 | 0.4 | 61009 RCD/RCBO | B | 32 | 10 | 1.09 | 61009 | AC | 30 | 32 |
| 6/L3 | Hob | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 40 | 10 | 0.87 | 61009 | AC | 30 | 40 |
| 7/L1 | Oven | A3 | E | 1 | 10 | 4 | 0.4 | 61009 RCD/RCBO | B | 40 | 10 | 0.87 | 61009 | AC | 30 | 40 |
| 7/L2 | Disabled Alarm | A3 | E | 1 | 2.5 | 1.5 | 0.4 | 60898 MCB | C | 6 | 10 | 2.91 | N/A | N/A | N/A | N/A |
| 7/L3 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/TP | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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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

**FT/EICR** 2670000237149

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

| | | | |
|---|---|---|---|
| **Client Name** | UPP Residential Services Ltd | **Installation Address** | Cartwright Gardens, 1 Cartwright Gardens, Kings Cross, London |
| **Client Address** | First Floor, 12 Arthur Street , London, | **Client Postcode** | EC4R 9AB |
| | | **Installation Postcode** | WC1H 9EN |

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

Location: 2nd Floor Riser STW7 (Hager)
Designation: DB MB/R3/2/P
No. of ways: 8 ☑ Supply polarity confirmed ☑ Phase sequence confirmed
No. of phases: 3 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):
$Z_{db}$ 0.19 Ω Operating at IΔn ms
$I_{pf}$ 2.22 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 All RCDs IΔn ms | Manual test button operation RCD (✓) | Manual test button operation AFDD (✓) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ring final circuits only | | | Fig.8 check (✓) | R1R2 or R2 | | Test voltage V | L/L, L/N M(Ω) | L/E, N/E M(Ω) | | | | | |
| | r1 | rn | r2 | | R1 + R2 | R2 | | | | | | | | |
| 1/L1 | 0.52 | 0.51 | 0.72 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.8 | ✓ | N/A |
| 1/L2 | 0.48 | 0.48 | 0.71 | ✓ | 0.20 | N/A | 250 | LIM | >999 | ✓ | 0.41 | 18.9 | ✓ | N/A |
| 1/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L1 | 0.42 | 0.42 | 0.69 | ✓ | 0.19 | N/A | 250 | LIM | >999 | ✓ | 0.41 | 17.7 | ✓ | N/A |
| 2/L2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2/L3 | 0.52 | 0.52 | 0.74 | ✓ | 0.22 | N/A | 250 | LIM | >999 | ✓ | 0.43 | 18.9 | ✓ | N/A |
| 3/L1 | 0.41 | 0.41 | 0.67 | ✓ | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 3/L2 | 0.35 | 0.35 | 0.51 | ✓ | 0.11 | N/A | 250 | LIM | >999 | ✓ | 0.31 | 19.5 | ✓ | N/A |
| 3/L3 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 4/L1 | N/A | N/A | N/A | N/A | 0.10 | N/A | 250 | LIM | >999 | ✓ | 0.30 | 18.8 | ✓ | N/A |
| 4/L2 | N/A | N/A | N/A | N/A | 0.11 | N/A | 250 | LIM | >999 | ✓ | 0.32 | 18.8 | ✓ | N/A |
| 4/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 5/L1 | 0.55 | 0.55 | 0.81 | ✓ | 0.20 | N/A | 250 | LIM | >999 | ✓ | 0.40 | 18.6 | ✓ | N/A |
| 5/L2 | 0.43 | 0.43 | 0.67 | ✓ | 0.21 | N/A | 250 | LIM | >999 | ✓ | 0.42 | 18.8 | ✓ | N/A |
| 5/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6/L1 | 0.39 | 0.39 | 0.55 | ✓ | 0.17 | N/A | 250 | LIM | >999 | ✓ | 0.39 | 17.7 | ✓ | N/A |
| 6/L2 | 0.51 | 0.51 | 0.77 | ✓ | 0.23 | N/A | 250 | LIM | >999 | ✓ | 0.44 | 18.9 | ✓ | N/A |
| 6/L3 | N/A | N/A | N/A | N/A | 0.11 | N/A | 250 | LIM | >999 | ✓ | 0.31 | 18.8 | ✓ | N/A |
| 7/L1 | N/A | N/A | N/A | N/A | 0.10 | N/A | 250 | LIM | >999 | ✓ | 0.30 | 18.8 | ✓ | N/A |
| 7/L2 | N/A | N/A | N/A | N/A | LIM | N/A | 250 | LIM | >999 | LIM | LIM | N/A | N/A | N/A |
| 7/L3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 8/TP | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 19/12/2023 To: 19/12/2023
Date(s) live testing: 19/12/2023 To: 19/12/2023

Test instrument serial number(s) Loop impedance: 101256984 Insulation resistance: 101256984 Continuity: 101256984 RCD: 101256984 E/Electrode:

Tested by: Name (capital letters): NAM LY Signature:
Position: Electrical Test Engineer Date: 19/12/2023

## Generic Continuation

**Reason for Producing this Report:**
work
regulations 1989.

**Agreed limitations and operational limitations:**
therefore only been visually inspected from floor level and insulation resistance tests undertaken with phase and neutral linked together and tested to earth.
Any circuit not identified within a reasonable time has been recorded as an untraced circuit with the necessary observations applied.
Cables concealed within trunking, conduit, under floors and within the fabric of the building have not been visually inspected.
Test to lighting circuits have been carried out from an accessible location.

**General Conditions of the Electrical Installation:**
Final circuits are generally wired in Twin and Earths and SWA cables. All twin and earth cables are BS 7211 LSF which give them a higher current carrying capacity.

A previous report for the installation was not available.

Due to the observations of FI fault codes, remedial action is required to bring the installation up to a passing standard, more work is then advised to bring the installation up to the current edition of BS7671. To enable the installation to pass the EICR work should concentrate on locating all untraced circuits.

To comply with Regulation 643.8 of BS 7671 and to verify that RCD devices within this installation will disconnect within 300ms they have been tested at both 1X and 5X the rated residual operating current and the highest reading has been recorded.

This installation has been designed and installed prior to July 2018. There is no evidence of over voltage protection within the electrical installation, we recommend Type 2 Surge Protective Devices be installed at the origin to reduce the risk of damage to the installation by external transient overvoltage's or switching, Reg 534.4.1.1

A new regulation 421.1.7 has been introduced recommending the installation of Arc Fault detection devices conforming to BS EN 62606 to mitigate the risk of fire in AC final circuits of a fixed installation due to arc fault currents.

Key
SO = Socket outlet
SWA = Steel Wired Armoured
Ltg = Lighting
DB = Distribution Board
FP = Fire proof cable
RCD = Residual current device
LHS = Left hand side
RHS = Right hand side
GF = Ground Floor
SPD = Surge Protective Device

Remarks:

DB MB/R1/5/P Remarks:
1/L1 - Ring Sockets - Study Rooms 32, 34, 37: fire rated cable
1/L2 - Ring Sockets - Study Rooms 27, 29, 31: fire rated cable
1/L3 - Ring Sockets - Study Rooms 21, 23, 25: fire rated cable
2/L1 - Ring Sockets - Study Rooms 24, 26, 28: fire rated cable
2/L2 - Ring Sockets - Study Rooms 30, 33, 35: fire rated cable
2/L3 - Ring Sockets - Study Rooms 36, 38, 39: fire rated cable
3/L1 - Ring Sockets - Study Rooms 40, 41, 42: fire rated cable
3/L2 - Ring Sockets - Study Rooms 44 & 46: fire rated cable
3/L3 - Ring Sockets - Study Rooms 43 & 45: fire rated cable
4/L1 - Ring Sockets - Study Rooms 95, 97, 99: fire rated cable
4/L2 - Ring Sockets - Study Rooms 105, 107, 109: fire rated cable
4/L3 - Ring Sockets - Study Rooms 110 & 111: fire rated cable
5/L1 - Ring Sockets - Study Rooms 104, 106, 108: fire rated cable
5/L2 - Ring Sockets - Study Rooms 101, 102, 103: fire rated cable
5/L3 - Ring Sockets - Study Rooms 96, 98, 100: fire rated cable
6/L1 - Ring Sockets - Study Rooms 18, 19, 20, 22: fire rated cable
6/L2 - Ring Sockets - Kitchen 225: fire rated cable
6/L3 - Ring Sockets - Kitchen 223: fire rated cable
7/L1 - Ring Cleaner Sockets - Corridor: fire rated cable
7/L2 - Ring Cleaner Sockets - Corridor: fire rated cable
7/L3 - Access Control/Auto Doors: fire rated cable
8/L1 - Access Control/Auto Doors: fire rated cable
8/L2 - Ring Main - Kitchen 225 Aplliances: fire rated cable
8/L3 - Ring Main - Kitchen 223 Aplliances: fire rated cable
9/L2 - Ring Main - Smoke Dampers: fire rated cable
9/L3 - Ring Sockets - Study Rooms 47 & 49: fire rated cable
10/L1 - Disabled Alarm - WC: fire rated cable

DB MB/R1/4/P Remarks:

1/L1 - Ring Sockets - Study Rooms 33, 35, 37: fire rated cable
1/L2 - Ring Sockets - Study Rooms 27, 29, 31: fire rated cable
1/L3 - Ring Sockets - Study Rooms 21, 23, 25: fire rated cable
2/L1 - Ring Sockets - Study Rooms 24, 26, 28: fire rated cable
2/L2 - Ring Sockets - Study Rooms 30, 32, 34: fire rated cable
2/L3 - Ring Sockets - Study Rooms 36, 38, 39: fire rated cable
3/L1 - Ring Sockets - Study Rooms 40, 41, 42: fire rated cable
3/L2 - Ring Sockets - Study Rooms 44 & 46: fire rated cable
3/L3 - Ring Sockets - Study Rooms 43 & 45: fire rated cable
4/L1 - Ring Sockets - Study Rooms 95, 97, 99: fire rated cable
4/L2 - Ring Sockets - Study Rooms 105, 106, 107: fire rated cable
4/L3 - Ring Sockets - Study Rooms 109 & 110: fire rated cable
5/L1 - Ring Sockets - Study Rooms 104 & 108: fire rated cable
5/L2 - Ring Sockets - Study Rooms 101, 102, 103: fire rated cable
5/L3 - Ring Sockets - Study Rooms 96, 98, 100: fire rated cable
6/L1 - Ring Sockets - Study Rooms 18, 19, 20, 22: fire rated cable
6/L2 - Ring Sockets - Kitchen 225: fire rated cable
6/L3 - Ring Sockets - Kitchen 223: fire rated cable
7/L1 - Ring Cleaner Sockets - Corridor: fire rated cable
7/L2 - Ring Cleaner Sockets - Corridor: fire rated cable
7/L3 - Access Control/Auto Doors: fire rated cable
8/L1 - Access Control/Auto Doors: fire rated cable
8/L2 - Ring Main - Kitchen 225 Aplliances: fire rated cable
8/L3 - Ring Main - Kitchen 223 Aplliances: fire rated cable
9/L2 - Ring Main - Smoke Dampers: fire rated cable
9/L3 - SPARE: fire rated cable

DB MB/R1/3/P Remarks:
1/L1 - Ring Sockets - Study Rooms 33, 35, 37: fire rated cable
1/L2 - Ring Sockets - Study Rooms 27, 29, 31: fire rated cable
1/L3 - Ring Sockets - Study Rooms 21, 23, 25: fire rated cable
2/L1 - Ring Sockets - Study Rooms 24, 26, 28: fire rated cable
2/L2 - Ring Sockets - Study Rooms 30, 32, 34: fire rated cable
2/L3 - Ring Sockets - Study Rooms 36, 38, 39: fire rated cable
3/L1 - Ring Sockets - Study Rooms 40, 41, 42: fire rated cable
3/L2 - Ring Sockets - Study Rooms 44 & 46: fire rated cable
3/L3 - Ring Sockets - Study Rooms 43 & 45: fire rated cable
4/L1 - Ring Sockets - Study Rooms 95, 97, 99: fire rated cable
4/L2 - Ring Sockets - Study Rooms 105, 107, 109: fire rated cable
4/L3 - Ring Sockets - Study Rooms 110 & 111: fire rated cable
5/L1 - Ring Sockets - Study Rooms 104, 106, 108: fire rated cable
5/L2 - Ring Sockets - Study Rooms 101, 102, 103: fire rated cable
5/L3 - Ring Sockets - Study Rooms 96, 98, 100: fire rated cable
6/L1 - Ring Sockets - Study Rooms 18, 19, 20, 22: fire rated cable
6/L2 - Ring Sockets - Kitchen 225: fire rated cable
6/L3 - Ring Sockets - Kitchen 223: fire rated cable
7/L1 - Ring Cleaner Sockets - Corridor: fire rated cable
7/L2 - Ring Cleaner Sockets - Corridor: fire rated cable
7/L3 - Access Control/Auto Doors: fire rated cable
8/L1 - Access Control/Auto Doors: fire rated cable
8/L2 - Ring Main - Kitchen 225 Aplliances: fire rated cable
8/L3 - Ring Main - Kitchen 223 Aplliances: fire rated cable
9/L3 - Ring Main - Smoke Dampers: fire rated cable
10/L1 - Disabled Alarm - WC: fire rated cable
10/L3 - Ring Sockets - Study Rooms 47 & 49: fire rated cable

DB MB/R1/2/P  Remarks:
1/L1 - Ring Sockets - Study Rooms 33, 35, 37: fire rated cable
1/L2 - Ring Sockets - Study Rooms 27, 29, 31: fire rated cable
2/L1 - Ring Sockets - Study Rooms 24, 26, 28: fire rated cable
2/L2 - Ring Sockets - Study Rooms 30, 32, 34: fire rated cable
2/L3 - Ring Sockets - Study Rooms 36, 38, 39: fire rated cable
3/L1 - Ring Sockets - Study Rooms 40, 41, 42: fire rated cable
3/L2 - Ring Sockets - Study Rooms 44 & 46: fire rated cable
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5/L3 - Ring Sockets - Study Rooms 96, 98, 100: fire rated cable
6/L1 - Ring Sockets - Study Rooms 18, 19, 20, 22: fire rated cable
6/L2 - Ring Sockets - Kitchen 225: fire rated cable
6/L3 - Ring Sockets - Kitchen 223: fire rated cable
7/L1 - Ring Cleaner Sockets - Corridor: fire rated cable
7/L2 - Ring Cleaner Sockets - Corridor: fire rated cable
7/L3 - Access Control/Auto Doors: fire rated cable
8/L1 - Access Control/Auto Doors: fire rated cable
8/L2 - Ring Main - Kitchen 225 Aplliances: fire rated cable

8/L3 - Ring Main - Kitchen 223 Aplliances: fire rated cable
9/L1 - Ring Main - Smoke Dampers: fire rated cable
9/L2 - Ring Sockets - Study Rooms 47 & 49: fire rated cable
9/L3 - Ring Sockets - Study Rooms 21, 23, 25: fire rated cable
10/L2 - SPARE: fire rated cable