

ELECTRICAL INSTALLATION CONDITION

Requirements For Electrical Installations

Certificate Number: 23650235 **DETAILS OF THE PERSON ORDERING THE REPORT** Client: **Condor Properties** Mill House, Lugg Bridge Mill, Hereford, HR1 3NA Address: **REASON FOR PRODUCING THIS REPORT** Reason for producing this report: Landlords safety report. Date on which inspection and testing was carried out: 26/06/2024 **DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT** Installation Address: 20 Broad Street, Loughborough, Leicestershire, LE11 5AB Description of premises: Domestic N/A Commercial N/A Industrial N/A Other: HMO Student Accommodation Evidence of additions/ Estimated age of wiring system: 18 years No if yes, estimated age: years alterations: Installation records available? (Regulation 651.1) Date of last inspection: 24/02/2021 **EXTENT AND LIMITATIONS OF INSPECTION AND TESTING** Extent of the electrical installation covered by this report: 50% of the installation in accordance with item 3.8.4 of Guidance Note 3. Agreed limitations including the reasons (see Regulation 653.2): No Lifting of floor boards or inspection of loft space. **Condor Properties** Agreed with: Operational limitations including the reasons: The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to 2022. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment. SUMMARY OF THE CONDITION OF THE INSTALLATION See section 8 for a summary of the general condition of the installation in terms of electrical safety. Overall assessment of the installation in terms of it's suitability for SATISFACTORY continued use*: * An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified. RECOMMENDATIONS Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration. Subject to the necessary remedial action being taken, I/we recommend that 3 Years the installation is further inspected and tested by: Note: The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

| Referring to the attached schedules of inspection and test results, and subject to the limitations specified on page |
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| of this report under 'Extent of the Installation and Limitations of Inspection and Testing': |

N/A There are no items adversely affecting electrical safety

 \checkmark

or

| The following | obcomuntions | 224 | racammandations | 250 | mada |
|---------------|--------------|------|-----------------|------|------|
| The following | observations | ariu | recommendations | ai e | made |

| Item No | | Observations | Classification Code |
|----------|---|--|------------------------------|
| 1 | No AFDD devices installed throughout the | e installation | C3 |
| 2 | No SPD Device present | | C3 |
| 3 | Inspection Schedule Item 5.6: Condition o 421.1.201; 526.5) is recommended for im | of enclosure(s) in terms of fire rating etc (421.1.6; provement. (Non Metallic Construction) | C3 |
| 4 | Inspection Schedule Item 7.12.3: For cable (522.6.202, 522.6.203) * is recommended | es concealed in walls at a depth of less than 50mm d for improvement. (Circuits 1-6) | C3 |
| 5 | | circuits supplying luminaires within domestic nmended for improvement. (First Floor Lights) | C3 |
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| | le following codes, as appropriate, has been alloole for the installation the degree of urgency for | ocated to each of the observations made above to indicate remedial action. | to the person(s) |
| Risk | ger Present of injury. Immediate edial action required C2 Potentially da Urgent remedia required | | vestigation vithout delay |
| Immedia | ate remedial action required for items: | N/A | |
| Urgent r | emedial action required for items: | N/A | |
| | | 4.2.2.4.5 | |
| Improve | ement recommended for items: | 1, 2, 3, 4, 5 | |

| Lugg Bridge Mill Hereford Postcode: HR1 3NA For the INSPECTION, TESTING AND ASSESSMENT of the report: Name: Alun Davies Position: Electrician Signature: Date: 26/06/2024 Report reviewed and authorised for issue by: Name: Alun Davies Position: Electrician Signature: Date: 26/06/2024 10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS Earthing Arrangements TN-S: N/A TN-C-S: ✓ TN-C-S: | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|--------------------------------|-----------------------------|-----------------------------|----------------------------------|---------------------|------------------------------|----------|------------------------|----------------------------|-----------------------|----------------------|---------------------|-----------------------|---|----------|--|--|--|--|
| For the INSPECTION, TESTING AND ASSESSMENT of the report: Name: Alun Davies | | | | | | | | | | | | | | | | | | | | |
| For the INSPECTION, TESTING AND ASSESSMENT of the report: Name: Alun Davies | Good C | onditio | n | | | • | | | ., | | | | | | | | | | | |
| Type 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 4 of this report. Trading Title: | | | | | | | | | | | | | | | | | | | | |
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| Address: Mill House Lugg Bridge Mill Hereford | signature inspectio provides | s below n and te an accu |), par esting, rate a | ticulars hereb ssessn | of which y declare | are des that the | scribed abo e information | ve, hav | ving exer is report | cised reaso , including | onable sk the obse | cill and ervation | care whe | n carryin attached | g out th d sched | ules, | | | | |
| Address: Lugg Bridge Mill Hereford | Trading T | ïtle: | Cond | dor Pro | operties | | | | | | | | | | | | | | | |
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| Rame: Alun Davies Position: Electrician Signature: Date: 26/06/2024 Report reviewed and authorised for issue by: Name: Alun Davies Position: Electrician Signature: Date: 26/06/2024 10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS Earthing Arrangements TN-S: N/A Arrangements TN-S: N/A AC: - 1-phase (2-wire): - (3-wire): N/A 3-phase (3-wire): N/A (4-wire): N/A 3-phase (3-wire): N/A (4-wire): N/A DC: N/A 2-wire: N/A 3-wire: N/A Dther: N/A Dthe | | | | | | | Postcode | : HR | 1 3NA | | | | | | | | | | | |
| Report reviewed and authorised for issue by: Name: Alun Davies Position: Electrician Signature: Date: 26/06/2024 10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS Earthing Arrangements Arrangements TN-5: N/A S-phase 1-phase 2-phase 3-phase 3-phase (3-wire): N/A 3-phase 3-phase (3-wire): N/A 4-wire): N/A TN-C-S: V (2-wire): N/A 3-wire: N/A (4-wire): N/A (4-wire | For the | INSPEC | TION | I, TEST | TING AND | ASSE | SSMENT o | f the r | eport: | | | | | | | | | | | |
| Name: Alun Davies Position: Electrician Signature: Date: 26/06/2024 10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS Earthing Arrangements Arrangements TN-S: N/A AC: | Name: | , | ا Alun | Davies | 1 | Position | : Ele | ectricia | an | Signature | e: | fly | Panies | Date: | 26/06 | /2024 | | | | |
| Earthing Arrangements TN-S: N/A AC: ✓ (2-wire): ✓ (3-wire): N/A 3-phase (3-wire): N/A TT: N/A TT: N/A TT: N/A TT: N/A Confirmation of supply polarity: ✓ Number of Supply Parameters TN-S: N/A TT: N/A TT: N/A Confirmation of supply polarity: ✓ N/A Confirmation of supply polarity: ✓ Number of Supply polarity: ✓ Number of Supply Parameters Nominal voltage, U/Uo: Nominal frequency, f: 50 Hz Prospective fault current, lpf: 2.3 kA External earth fault loop impedance, Ze: 0.1 Ω Number of Supplies: 1 Type: Q Rated current: 100 A Resistance to Earth: N/A Ω Method of measurement: N/A Main Switch / Switch-Fuse / Circuit-Breaker / RCD Location: Hallway BS (EN): 60947-3 Isolator Number of poles: 2 Current rating: 100 A Fuse/device rating or setting: N/A A Voltage rating: 230 V If RCD main switch: RCD Type: N/A Rated residual operating current (I _{AD}): Connection/ Connection/ Connection/ Connection/ Main protective bonding conductors Connection/ Connection/ Connection/ Continuity verified: ✓ To oil installation pipes: To other service(s): To oil other service(s): | Report r | eviewe | ed and | d auth | orised fo | r issue | by: | | | | | | | | | | | | | |
| Number and Type of Live Conductors Nature of Supply Parameters Supply Protective Device | Name: | , | ا Alun | Davies | 1 | Position | : Ele | ectricia | an | Signature | e: | fly | Panies | Date: | 26/06 | /2024 | | | | |
| Number and Type of Live Conductors Nature of Supply Parameters Supply Protective Device | 10 SL | JPPLY | CHA | RAC | TERIST | ICS A | ND EAR | THIN | G ARR | ANGEMI | ENTS | | | | | | | | | |
| TN-S: N/A AC: | Earthi | ng | | | | | | | 1 | | | eters | Sup | ply Prote | ctive De | evice | | | | |
| TN-C-S: | Arranger TN-S: | | AC: | √ | 1-phase | | 2-phase | | Nomina | | • | | - | | | | | | | |
| TNC: N/A DC: N/A 2-wire: N/A 3-wire: N/A Prospective fault current, lpf: 2.3 kA Rated current: 100 A TT: N/A Other: N/A Confirmation of supply polarity: N/A Number of supplies: 1 T1 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's Type: N/A Location: N/A N/A Installation N/A Resistance to Earth: N/A Details of Installation: N/A N/A Main Switch / Switch-Fuse / Circuit-Breaker / RCD Resistance to Earth: N/A Details of Installation: N/A N/A Main Switch / Switch-Fuse / Circuit-Breaker / RCD N/A Rated residual operating or setting: N/A N/A N/A N/A TRCD main switch: RCD Type: N/A Rated residual operating current (I _{An}): N/A Rated time delay: N/A Measured operating time: N/A Measured delay: N/A Measured delay: N/A Measured operating time: N/A Measured delay: N/ | TN-C-S: | ✓ | | | | N/A | 3-phase | | | al frequenc | y, f: | 50 H | _{Iz} Type: | | 2 | 2 | | | | |
| TT: N/A Other: N/A Confirmation of supply polarity: | TNC: | N/A | DC: | N/A | | | | | Prospe | ctive fault | | 2.3 k | A Rated | current: | 100 |) A | | | | |
| IT: N/A Confirmation of supply polarity: ✓ Number of supplies: 1 11 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's facility: Installation earth electrode: N/A Resistance to Earth: N/A Ω Method of measurement: N/A Main Switch / Switch-Fuse / Circuit-Breaker / RCD Location: Hallway BS (EN): 60947-3 Isolator Number of poles: 2 Current rating: 100 A Fuse/device rating or setting: N/A A Voltage rating: 230 V If RCD main switch: RCD Type: N/A Rated residual operating current (I _{ΔΩ}): N/A mA Rated time delay: N/A ms Measured operating time: N/A ms Earthing and Protective Bonding Conductors Earthing conductor Connection/ Conductor Conductor Conductors Main protective bonding conductors Main protective bonding conductors Connection/ Continuity verified: ✓ To gas installation pipes: To idl installation pipes: To idl installation pipes: To idl installation pipes: To other service(s): To other service(s): | П: | N/A | Othe | r: | | N/ | A | | Externa | al earth fau | | 0.1 | Ω | | | | | | | |
| Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's facility: ✓ Type: N/A Location: N/A Installation earth electrode: N/A Resistance to Earth: N/A Method of measurement: N/A Main Switch / Switch-Fuse / Circuit-Breaker / RCD Location: Hallway BS (EN): 60947-3 Isolator Number of poles: 2 Current rating: 100 A Fuse/device rating or setting: N/a A Voltage rating: 230 V If RCD main switch: RCD Type: N/A Rated residual operating current (I _{Δn}): N/A mA Rated time delay: N/A ms Measured operating time: N/A ms Earthing and Protective Bonding Conductors Connection/continuity verified: To water installation pipes: To gas installation pipes: To lightning protection: N/A Main protective bonding conductors Connection/continuity verified: Connection/continuity verified: To oil installation pipes: N/A To other service(s): To other service(s): N/A | IT: | N/A | Confi | rmatio | n of suppl | y polari | ty: | ✓ | | | | 1 | | | | | | | | |
| Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's facility: ✓ Type: N/A Location: N/A Installation earth electrode: N/A Resistance to Earth: N/A Method of measurement: N/A Main Switch / Switch-Fuse / Circuit-Breaker / RCD Location: Hallway BS (EN): 60947-3 Isolator Number of poles: 2 Current rating: 100 A Fuse/device rating or setting: N/a A Voltage rating: 230 V If RCD main switch: RCD Type: N/A Rated residual operating current (I _{Δn}): N/A mA Rated time delay: N/A ms Measured operating time: N/A ms Earthing and Protective Bonding Conductors Connection/continuity verified: To water installation pipes: To gas installation pipes: To lightning protection: N/A Main protective bonding conductors Connection/continuity verified: Connection/continuity verified: To oil installation pipes: N/A To other service(s): To other service(s): N/A | 1 1 PA | RTIC | ULAI | RS OF | E INSTA | LLAT | ION RE | ERRI | ED TO | IN THE | REPOR | eT. | | | | | | | | |
| facility: Installation earth electrode: N/A Resistance to Earth: N/A Resistance to Earth: N/A Method of measurement: N/A Main Switch / Switch-Fuse / Circuit-Breaker / RCD Location: Hallway BS (EN): 60947-3 Isolator Number of poles: 2 Current rating: 100 A Fuse/device rating or setting: N/A Rated residual operating current (I _{ΔΠ}): N/A Rated residual operating N/A Rated time delay: N/A Rated time delay: N/A Measured operating time: N/A To gas installation pipes: To oil installation pipes: To oil installation pipes: To other service(s): | Means | of Earthi | | | | | | | | | | | able) | | | | | | | |
| Installation earth electrode: N/A Resistance to Earth: N/A Ω Method of measurement: N/A Main Switch / Switch-Fuse / Circuit-Breaker / RCD Location: Hallway BS (EN): 60947-3 Isolator Number of poles: 2 Current rating: 100 A Fuse/device rating or setting: N/a A Voltage rating: 230 V If RCD main switch: RCD Type: N/A Rated residual operating current (I _{Δn}): N/A mA Rated time delay: N/A ms Measured operating time: N/A ms Earthing and Protective Bonding Conductors Earthing conductor Cond | | or's | | \checkmark | Type: | | N/A | | Locat | ion: | | | N/ | Α | | | | | | |
| Location: Hallway BS (EN): 60947-3 Isolator Number of poles: 2 Current rating: 100 A Fuse/device rating or setting: N/a A Voltage rating: 230 V If RCD main switch: RCD Type: N/A Rated residual operating current (I∆n): N/A mA Rated time delay: N/A ms Measured operating time: N/A ms Earthing and Protective Bonding Conductors Earthing conductor Conductor Conductor Conductor Conductor material: Copper csa: 16 mm² verified: √ To gas installation pipes: To oil installation pipes: To oil installation pipes: To oil installation pipes: To other service(s): Connection/ Connection/ To other service(s): | Installatio | | ١ | N/A | Resistan | ce to E | arth: | N/A Ω | | | | | N/ | A | | | | | | |
| Current rating: 100 A Fuse/device rating or setting: N/a A Voltage rating: 230 V If RCD main switch: RCD Type: N/A Rated residual operating current (I∆n): N/A mA Rated time delay: N/A ms | Main Swit | tch / Sw | itch-F | use / C | Circuit-Bre | aker / R | CD | | | | | | | | *************************************** | | | | | |
| If RCD main switch: RCD Type: N/A Rated residual operating current (I _{∆n}): N/A mA Rated time delay: N/A ms operating time: N/A ms Earthing and Protective Bonding Conductors Earthing conductor Conductor Conductor Conductor Continuity verified: Verified: Verified: To oil installation pipes: To oil installation pipes: To other service(s): Main protective bonding conductors Connection/ Connection/ Connection/ Connection/ Connection/ Connection/ Dipes: To other service(s): | Location: | | | | Hallw | ay | | | BS (EN |): 6094 | 7-3 Isola | ator | Numbe | r of pole | s: | 2 | | | | |
| RCD Type: N/A Rated residual operating current (I _{∆n}): N/A mA Rated time delay: N/A ms Measured operating time: N/A ms Farthing and Protective Bonding Conductors Earthing conductor Conductor Conductor material: Copper csa: 16 mm² Connection/ continuity verified: To water installation pipes: To oil installation pipes: To oil installation pipes: To oil installation pipes: To other service(s): N/A ms Measured operating time: N/A ms To display the service operatin | Current r | ating: | 100 |) A | Fuse/de | vice rat | ing or setti | ng: | N/a | A Volta | ge rating | j : | 230 V | | | | | | | |
| Earthing and Protective Bonding Conductors Earthing conductor Conductor material: Copper Conductor Main protective bonding conductors Connection/ C | If RCD ma | ain swite | ch: | | | | | | | | | | | | | | | | | |
| Earthing conductor Conductor material: Copper csa: 16 mm² continuity verified: Connection/ verified: Connection/ verified: To water installation pipes: To oil installation pipes: To oil installation pipes: N/A N/A To gas installation pipes: To oil installation pipes: To other service(s): | RCD Type | e: | N/ | Ά | | | operating | N/A | A | | N/A | A ms | | | N | /A ms | | | | |
| Conductor material: Copper csa: 16 mm ² continuity verified: pipes: To oil installation pipes: N/A Main protective bonding conductors Conductor pipes: To oil installation pipes: To other service(s): | Earthing : | and Prot | tective | Bondi | ng Conduc | tors | | | В | onding of e | extraneou | ıs-cond | luctive par | ts | | | | | | |
| material: Copper csa: 16 mm² verified: To oil installation pipes: N/A Main protective bonding conductors Conductor Conductor Connection/ Conductor To oil installation pipes: N/A To other service(s): | _ | | or | | | | | • | | | tallation | / | | | lation | ✓ | | | | |
| Conductors Connection/ pipes: protection: To other service(s): | material: | | | | | 6 mm | ² verified: | · • | To | o oil install | ation | N/ | Λ To li | ghtning | | N/A | | | | |
| | | r | | | Connection/ pipes. To other serv | | | | | | | | | | | | | | | |

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| 14 11 | NSPECTION SCHEDULE | | | | | | | | | | | | | |
|-----------------------|--|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Item | Description | Outcome | | | | | | | | | | | | |
| 1.0 | EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY) Where inadequacies in intake equipment are encountered, it is recommended that the person ordering the report the appropriate authority | ort informs | | | | | | | | | | | | |
| 1.1 | Service cable | Pass | | | | | | | | | | | | |
| 1.2 | Service head | Pass | | | | | | | | | | | | |
| 1.3 | Earthing arrangements | Pass | | | | | | | | | | | | |
| 1.4 | Meter tails | Pass | | | | | | | | | | | | |
| 1.5 | Metering equipment | Pass | | | | | | | | | | | | |
| 1.6 | Isolator (where present) | Pass | | | | | | | | | | | | |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES | 1 433 | | | | | | | | | | | | |
| 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), or presence of installation earth electrode arrangement (542.1.2.3) | Pass | | | | | | | | | | | | |
| 3.1.2 | Adequacy of earthing conductor size (542.3; 543.1.1) | Pass | | | | | | | | | | | | |
| 3.1.3 | Adequacy of earthing conductor connections (542.3.2) | Pass | | | | | | | | | | | | |
| 3.1.4 | Accessibility of earthing conductor connections (543.3.2) | Pass | | | | | | | | | | | | |
| 3.1.5 | Adequacy of main protective bonding conductor sizes (544.1) | Pass | | | | | | | | | | | | |
| 3.1.6 | Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) | Pass | | | | | | | | | | | | |
| 3.1.7 | Accessibility of all protective bonding connections (543.3.2) | Pass | | | | | | | | | | | | |
| 3.1.8 | | | | | | | | | | | | | | |
| 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 sh provided on separate sheets) | ould be | | | | | | | | | | | | |
| 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) | Pass | | | | | | | | | | | | |
| 5.2 | Security of fixing (134.1.1) | Pass | | | | | | | | | | | | |
| 5.3 | Condition of insulation of live parts (416.1) | Pass | | | | | | | | | | | | |
| 5.4 | Adequacy/security of barriers (416.2) | Pass | | | | | | | | | | | | |
| 5.5 | Condition of enclosure(s) in terms of IP rating etc (416.2) | Pass | | | | | | | | | | | | |
| 5.6 | Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) | C3 | | | | | | | | | | | | |
| 5.7 | Enclosure not damaged/deteriorated so as to impair safety (651.2) | Pass | | | | | | | | | | | | |
| 5.8 | Presence and effectiveness of obstacles (417.2) | Pass | | | | | | | | | | | | |
| 5.9 | Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2) | Pass | | | | | | | | | | | | |
| 5.10 | Operation of main switch(es) (functional check) (643.10) | Pass | | | | | | | | | | | | |
| 5.11 | Manual operation of circuit-breakers, RCDs and AFDDs to prove functionality (643.10) | Pass | | | | | | | | | | | | |
| 5.12 | Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10) | Pass | | | | | | | | | | | | |
| 5.13 | | | | | | | | | | | | | | |
| 5.14 | RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1) | Pass | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| OUTCOM | | | | | | | | | | | | | | |
| Acceptal condition | | lot icable N/A | | | | | | | | | | | | |

| Description Presence of RCD six-monthly test notice, where required (514.12.2) | Outcome Pass | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|
| Presence of RCD six-monthly test notice, where required (514.12.2) | Dacc | | | | | | | | | |
| | F d 3 3 | | | | | | | | | |
| Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) | Pass | | | | | | | | | |
| Presence of alternative supply warning notice at or near equipment, where required (514.15) | Pass | | | | | | | | | |
| Presence of next inspection recommendation label (514.12.1) | Pass | | | | | | | | | |
| Presence of other required labelling (please specify) (Section 514) | Pass | | | | | | | | | |
| 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) | Pass | | | | | | | | | |
| Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) | Pass | | | | | | | | | |
| Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11) | Pass | | | | | | | | | |
| Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) | Pass | | | | | | | | | |
| DISTRIBUTION CIRCUITS | | | | | | | | | | |
| Identification of conductors (514.3.1) | Pass | | | | | | | | | |
| Cables correctly supported throughout their run (521.10.202; 522.8.5) | Pass | | | | | | | | | |
| Condition of insulation of live parts (416.1) | Pass | | | | | | | | | |
| Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) | N/A | | | | | | | | | |
| Suitability of containment systems for continued use (including flexible conduit) (Section 522) | Pass | | | | | | | | | |
| Cables correctly terminated in enclosures (Section 526) | Pass | | | | | | | | | |
| Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | Pass | | | | | | | | | |
| Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6) | Pass | | | | | | | | | |
| Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | Pass | | | | | | | | | |
| Adequacy of protective devices: type and rated current for fault protection (411.3) | Pass | | | | | | | | | |
| Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | | | | | | | | | | |
| Coordination between conductors and overload protective devices (433.1; 533.2.1) | | | | | | | | | | |
| Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522) | Pass | | | | | | | | | |
| Where exposed to direct sunlight, cable of a suitable type (522.11.1) | N/A | | | | | | | | | |
| Cables concealed under floors, above ceilings, in walls/partitions less than 50mm from a surface, ar partitions containing metal parts: | nd in | | | | | | | | | |
| Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or | LIM | | | | | | | | | |
| 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 4. Extent and limitations) (522.6.204) | N/A | | | | | | | | | |
| Provision of fire harriers, sealing arrangements and protection against thermal effects (Section 527) | Pass | | | | | | | | | |
| | Pass | | | | | | | | | |
| | Pass | | | | | | | | | |
| | Pass | | | | | | | | | |
| | Pass | | | | | | | | | |
| · | Pass | | | | | | | | | |
| Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – | Pass | | | | | | | | | |
| Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section | Pass | | | | | | | | | |
| · | Pass | | | | | | | | | |
| | Pass | | | | | | | | | |
| | | | | | | | | | | |
| | Pass | | | | | | | | | |
| | LIM | | | | | | | | | |
| | Pass | | | | | | | | | |
| Strategies Communication of the parts (12012) | . 033 | | | | | | | | | |
| 1ES | | | | | | | | | | |
| ble Dass Unacceptable C1 ar C2 Improvement C2 Further ET Not N/V Limitation LTM No | \+ | | | | | | | | | |
| | Presence of next inspection recommendation label (514.12.1) Presence of other required labelling (please specify) (Section 514) 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) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11) Protection against electromagnetic effects where cables enter equipment (522.8.1; 522.8.5; 522.8.11) Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) DISTRIBUTION CIRCUITS Identification of conductors (514.3.1) Cables correctly supported throughout their run (521.10.202; 522.8.5) Condition of insulation of live parts (416.1) Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) Suitability of containment systems for continued use (including flexible conduit) (Section 522) Cables correctly terminated in enclosures (Section 526) Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6) Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) Adequacy of protective devices: type and rated current for fault protection (411.3) Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) Coordination between conductors and overload protective devices (433.1; 533.2.1) Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522) Where exposed to direct sunlight, cable of a suitable type (522.11.1) Cables concealed under floors, above cellings, in walls/partitions less than 50mm from a surf | | | | | | | | | |

| 12 <u>I</u> | NSPECTION SCHEDULE (CONTINUED) | _ |
|---|---|---------------------|
| Item | Description | Outcome |
| 7.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) | N/A |
| 7.5 | Suitability of containment systems for continued use (including flexible conduit) (Section 522) | Pass |
| 7.6 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | Pass |
| 7.7 | Adequacy of protective devices: type and rated current for fault protection (411.3) | Pass |
| 7.8 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | Pass |
| 7.9 | Co-ordination between conductors and overload protective devices (433.1; 533.2.1) | Pass |
| 7.10 | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) | Pass |
| 7.11 | Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against date (522.6.201; 522.6.202; 522.6.203; 522.6.204): | mage |
| 7.11.1 | Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) | LIM |
| 7.11.2 | 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 4. Extent and limitations) (522.6.201; 522.6.204) | N/A |
| 7.12 | Provision of additional protection by 30mA RCD: | |
| 7.12.1 | For all socket-outlets of rating 32A or less, unless an exemption is permitted (411.3.3) * | Pass |
| 7.12.2 | For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) * | Pass |
| 7.12.3 | | C3 |
| 7.12.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) * | Pass |
| 7.12.5 | | C3 |
| | * Note: Older installations designed prior to BS 7671:2018 may not have been provided with RCDs for addition protection. | |
| 7.13 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | Pass |
| 7.14 | Band II cables segregated/separated from Band I cables (528.1) | Pass |
| 7.15 | Cables segregated/separated from non-electrical services (528.3) | Pass |
| 7.16 | Termination of cables at enclosures – identify/record numbers and locations of items inspected (Se | |
| 7 1 6 1 | 526): | Pass |
| 7.16.1 | | |
| | No basic insulation of a conductor visible outside enclosure (526.8) | Pass |
| | Connections of live conductors adequately enclosed (526.5) | Pass |
| 7.16.4 | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | Pass |
| 7.17 | Condition of accessories including socket-outlets, switches and joint boxes (651.2) | Pass |
| 7.18 | Suitability of accessories for external influences (512.2) | Pass |
| 7.19 | Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3) | Pass |
| 8.0 | ISOLATION AND SWITCHING | |
| 8.1 | Isolators (Sections 460; 537): | |
| 8.1.1 | Presence and condition of appropriate devices (Section 462; 537.2.7) | Pass |
| 8.1.2 | Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7) | Pass |
| 8.1.3 | Capable of being secured in the OFF position (462.3) | Pass |
| 8.1.4 | Correct operation verified (643.10) | Pass |
| 8.1.5 | Clearly identified by position and/or durable marking (537.2.6) | Pass |
| 01110 | area, reason of persons and, or areas manning (correct) | |
| 8.1.6 | 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 |
| 8.1.6 8.2 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) Switching off for mechanical maintenance (Section 464; 537.3.2): | |
| 8.1.6 8.2 8.2.1 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) Switching off for mechanical maintenance (Section 464; 537.3.2): Presence and condition of appropriate devices (464.1; 537.3.2) | Pass |
| 8.1.6 8.2 8.2.1 8.2.2 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) Switching off for mechanical maintenance (Section 464; 537.3.2): Presence and condition of appropriate devices (464.1; 537.3.2) Acceptable location – state if local or remote from equipment in question (537.3.2.4) | |
| 8.1.6 8.2 8.2.1 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) Switching off for mechanical maintenance (Section 464; 537.3.2): Presence and condition of appropriate devices (464.1; 537.3.2) | Pass |
| 8.1.6 8.2 8.2.1 8.2.2 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) Switching off for mechanical maintenance (Section 464; 537.3.2): Presence and condition of appropriate devices (464.1; 537.3.2) Acceptable location – state if local or remote from equipment in question (537.3.2.4) | Pass Pass |
| 8.1.6 8.2 8.2.1 8.2.2 8.2.3 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) Switching off for mechanical maintenance (Section 464; 537.3.2): Presence and condition of appropriate devices (464.1; 537.3.2) Acceptable location – state if local or remote from equipment in question (537.3.2.4) Capable of being secured in the OFF position (462.3) | Pass Pass Pass |
| 8.1.6 8.2 8.2.1 8.2.2 8.2.3 8.2.4 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) Switching off for mechanical maintenance (Section 464; 537.3.2): Presence and condition of appropriate devices (464.1; 537.3.2) Acceptable location – state if local or remote from equipment in question (537.3.2.4) Capable of being secured in the OFF position (462.3) Correct operation verified (643.10) Clearly identified by position and/or durable marking (537.3.2.4) | Pass Pass Pass Pass |

| | NSPECTION SCHEDULE (CONTINUED) | | | | | | | | | | | | | | |
|--|--|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Item | Description | Outcome | | | | | | | | | | | | | |
| 8.3 | Emergency switching/stopping (Section 465; 537.3.3): | | | | | | | | | | | | | | |
| 8.3.1 | Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4) | N/A | | | | | | | | | | | | | |
| 8.3.2 | Readily accessible for operation where danger might occur (537.3.3.6) | N/A | | | | | | | | | | | | | |
| 8.3.3 | Correct operation verified (643.10) | N/A | | | | | | | | | | | | | |
| 8.3.4 | Clearly identified by position and/or durable marking (537.3.3.6) | N/A | | | | | | | | | | | | | |
| 8.4 | Functional switching (Section 463; 537.3.1): | | | | | | | | | | | | | | |
| 8.4.1 | Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2) | Pass | | | | | | | | | | | | | |
| 8.4.2 | Correct operation verified (537.3.1.1; 537.3.1.2) | Pass | | | | | | | | | | | | | |
| 9.0 | CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) | | | | | | | | | | | | | | |
| 9.1 | Condition of equipment in terms of IP rating etc (416.2) | Pass | | | | | | | | | | | | | |
| 9.2 | Equipment does not constitute a fire hazard (Section 421) | | | | | | | | | | | | | | |
| 9.3 | Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2) | | | | | | | | | | | | | | |
| 9.4 | Suitability for the environment and external influences (512.2) | | | | | | | | | | | | | | |
| 9.5 | Security of fixing (134.1.1) | Pass | | | | | | | | | | | | | |
| 9.6 | 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) | Pass | | | | | | | | | | | | | |
| 9.7 | Recessed luminaires (downlighters): | | | | | | | | | | | | | | |
| 9.7.1 | Correct type of lamps fitted (559.3.1) | Pass | | | | | | | | | | | | | |
| 9.7.2 | Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2) | Pass | | | | | | | | | | | | | |
| 9.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | | | | | | | | | | | | | | |
| 9.7.4 | | | | | | | | | | | | | | | |
| 10.0 | | | | | | | | | | | | | | | |
| 10.1 | | | | | | | | | | | | | | | |
| 10.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | N/A | | | | | | | | | | | | | |
| 10.3 | Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | Pass | | | | | | | | | | | | | |
| 10.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2) | Pass | | | | | | | | | | | | | |
| 10.5 | Low voltage (e.g. 230 V) socket-outlets sited at least 2.5m from zone 1 (701.512.3) | N/A | | | | | | | | | | | | | |
| 10.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | Pass | | | | | | | | | | | | | |
| 10.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | Pass | | | | | | | | | | | | | |
| 10.8 | Suitability of current-using equipment for particular position within the location (701.55) | Pass | | | | | | | | | | | | | |
| 11.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspecti | ons) | | | | | | | | | | | | | |
| 11.1 | N/A | N/A | | | | | | | | | | | | | |
| 11.2 | N/A | N/A | | | | | | | | | | | | | |
| 11.3 | N/A | N/A | | | | | | | | | | | | | |
| 11.4 | N/A | N/A | | | | | | | | | | | | | |
| 11.5 | N/A | N/A | | | | | | | | | | | | | |
| 12.0 | PROSUMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S) Where the installation includes additional requirements and recommendations relating to Chapter 82, additional items should be added to the checklist below. | inspection | | | | | | | | | | | | | |
| 12.1 | N/A | N/A | | | | | | | | | | | | | |
| 12.2 | N/A | N/A | | | | | | | | | | | | | |
| 12.3 | N/A | N/A | | | | | | | | | | | | | |
| 12.4 | N/A | N/A | | | | | | | | | | | | | |
| 12.5 | N/A | N/A | | | | | | | | | | | | | |
| Inspect | | | | | | | | | | | | | | | |
| Name: | · | 5/06/2024 | | | | | | | | | | | | | |
| | | , 55, 252 1 | | | | | | | | | | | | | |
| OUTCOMES Acceptable PASS Unacceptable C1 or C2 Improvement C3 Further FI Not N/V Limitation LIM | | | | | | | | | | | | | | | |
| conditio | on PASS condition CLOTES recommended CS investigation CLOTES applied CONTRACTOR APPLICATION | icable N/A | | | | | | | | | | | | | |

| D | ISTRIBUTION B | OARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|---|------------|---------------------------|-----------------------------|---------|-------------|-------------------------|----------------|--------------------------|----------|--------------------------------|-------------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB reference: DB 1 Location: | | | | | | | | | | | | | Hall | way | | | Supplied from: | | | | | | Origin | | | | | | |
| Distribu | ution circuit OCPD: B | BS (EN): | | | | 13 | 861 | | Type: 2 | | | | 2 | Rating | J/Setti | ng: | 100 | Α | | No (| of ph | nases: | | 1 | | | | | |
| SPD De | etails: Types: T1 | . N/A | T2 | N/A | Т | 3 | N | /A √ | | Status indicator checked (wher functionality indicator present) | | | | | | | e N/A | | | | | | | | | | | | |
| Confirm | nation of supply polarit | ty 🗸 | | Co | onfirn | natior | n of p | ohase | sequenc | e | 1 | N/A | | | | | | | | Zs at | DB: | 0 | .12 Ω | 2 | ĮĮ | of at | DB: | 2.3 | 3 kA |
| S | CHEDULE OF CIR | CUIT DE | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| CIRCUIT DETAILS | | | | | | | | | | | | | | | | | TE | ST RE | SULT [| DETAIL | s | | | | | | | | |
| | | | | Cond | uctor c | letails | | (8) | Overcurr | ent p | rotecti | ve de | vice | | RCD | | | Cont | inuity | (Ω) | I | nsulat | tion resi | stance | | Zs | RC | D | AFDD |
| | | | | рог | | | nber size | : time S7671 | | | | | 2 | | | | Ring | final ci | rcuit | R ₁ + or F | | | | (a | | | | | tton |
| Circuit number | Circuit description | on | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Type | current (mA) Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R ₁ +R ₂ | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Main Sv | vitch | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Cooker | | Α | В | 1 | 6 | 2.5 | 0.4 | 60898 | В | 32 | 6 | 1.37 | N/A | N/A N | I/A N/A | | | | 0.4 | į | 500 | 100 | 100 | ✓ | 0.49 | N/A | N/A | N/A |
| 2 | Boiler | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | N/A | N/A N | I/A N/A | | | | 0.2 | į | 500 | 100 | 100 | ✓ | 0.31 | N/A | N/A | N/A |
| 3 | Doorbell | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | N/A | N/A N | I/A N/A | | | | <0.05 | į | 500 | 100 | 100 | ✓ | 0.12 | N/A | N/A | N/A |
| 4 | Intruder Alarm | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | N/A | N/A N | I/A N/A | | | | <0.05 | 5 | 500 | 100 | 100 | ✓ | 0.13 | N/A | N/A | N/A |
| 5 | Fire Alarm | | 0 | В | 1 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | N/A | N/A N | I/A N/A | | | | <0.05 | į | 500 | 100 | 100 | ✓ | 0.12 | N/A | N/A | N/A |
| 6 | First Floor Lights | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | N/A | N/A N | I/A N/A | | | | 0.9 | | 500 | 100 | 100 | ✓ | 1.2 | N/A | N/A | N/A |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RCD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES | | Thermo | | | | C ermopla | | | D Thermopla | | | | E ermopla | | F Thermo | nlastic | The | G rmoset | tina | | H Miner | اد | | | | - Otł | | | |
| TYPE WIR | | d cable metallic | | : | | etallic | | it | cables i metallic tru | | r | | cables i etallic t | | /SWA o | | | WA cab | | ins | ulated | | 5 | | | FP20 | 0 | | |
| | ETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ls of test instruments inctional: | usea (seriai | | | | umbe | ers): | Īr | sulation | resis | tanc | ۵. | | | | | | | | Con | tinuit | <i>,</i> · | | | | | | | |
| Multi-functional: 4299108 Insulation Earth electrode resistance: Earth fault | | | | | | | | | | | | | nce: | | | | | | | RCE | | ' | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name: Alun Davies Position: Float | | | | | | | | | | ricia | n | | | Sign | nature: | | | | 1/16 | - | | | | Date | ۵. | 26 | /06/ | 202/ | 1 |
| | Name: Alun Davies Position: Electrician als form is based on the model shown in Appendix 6 of BS 7671:2018+A2:2022. | | | | | | | | | | | | | Jigi | iatul C. | | | 6 | App fin. | ues | | | | | | | | | of 9 |

| S | CHEDULE OF CIRCUI | I DET | ALL | S A | ND | IE | 51 F | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----------------------|-------|---|------------------|----------------------------|--------------------------------|------------------------|--|----------|-------|------------|----------------------------------|------------------------------------|------------------------------|------|------------------------------|------------|-----------------------|--------------------------|--------------|---|-----------------------------------|------------------|---------------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | eference: | DB 1 | l | | | | | Loc | cation: | | | | Hall | way | | | | Supplied from: Origin | | | | | | | | | | | | |
| CIRCUIT DETAILS | | | | | | | | | | | | | | | | | | TEST RESULT DETAILS | | | | | | | | | | | | |
| | | | C | Conduc | ctor d | etails | | (s) | Overcurr | ent p | rotectiv | e dev | rice | RCD | | | | Continuity (Ω) | | | | | | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | · | Type of wiring | Reference method | Number of points served | Live (mm ²) pue mn | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | ircuit (cbc) | R ₁ +R ₂ | -R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 9 | Sockets Ground Floor | A | A | В | 15 | 2.5 | 1.5 | 0.4 | 60898 | В | 32 | | 1.37 | 61008 | AC | 30 | 80 | 0.4 | 0.4 | 0.7 | 0.3 | | 500 | 100 | 100 | ✓ | 0.47 | 11 | | N/A |
| 10 | Sockets First Floor | | A | В | 5 | 2.5 | 1.5 | 0.4 | 60898 | В | 32 | 6 | 1.37 | 61008 | AC | 30 | 80 | 0.3 | 0.3 | 0.5 | 0.2 | | 500 | 100 | 100 | ✓ | 0.33 | 11 | ✓ | N/A |
| 11 | Sockets Top Floor | | A | В | 6 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | 61008 | AC | 30 | 80 | | | | 0.5 | | 500 | 100 | 100 | ✓ | 0.61 | 11 | ✓ | N/A |
| 12 | Ground Floor Lights | | B 8 1.5 1.0 0.4 | | | | 0.4 | 60898 | В | 6 | 6 | 7.28 | 61008 | AC | 30 | 80 | | | | 1.2 | | 500 | 100 | 100 | ✓ | 1.32 | 11 | ✓ | N/A | |
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| | Δ | В | | | | С | | | D | | | | E | | | F | | | G | | | | | | | | O - Oth | er | | |
| TYPE OF insulated/sheathed cal | | | moplastic Thermoplastic sables in cables in nonmetallic conduit | | | | t | Thermopla cables i metallic tru | n | j n | C | rmopla: ables ir tallic tr | 1 | Thermoplastic /SWA cables | | | | | | | H O - Other Mineral sulated cables FP200 | | | | | | | | | |

ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

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

- 1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section 7).
- 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 4 (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 4.
- 7. For items classified in Section 7 as CI (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 7 as C2 (Potentially dangerous), the safety of those using the installation 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 7 that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code CI or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 7).
- 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 7 of the Report under Recommendations.
- 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.