



# ELECTRICAL INSTALLATION CONDITION REPORT REPORT No: EICR-20210914074630

This report documents an accurate assessment of the condition of the electrical installation and whether it is fit for continued service in accordance with BS 7671:2018

23 Sandringham Street York North Yorkshire YO10 4BA

The following work was carried out at the address above

100% of the fixed wire installation and 20% visual inspection of accessories.

And was deemed to be:

### **SATISFACTORY**

Company issuing this Report

SND Electrical Ltd
23 Holme Lane
Selby
North Yorkshire
YO8 3AX
info@sndelectricalltd.co.uk
CPS Enrolment No: 50296
Issued on

24/08/2021

Inspected by

Jon Sharp

Reviewed by

Jon Sharp

120

120

Recommended re-test

24/08/2026

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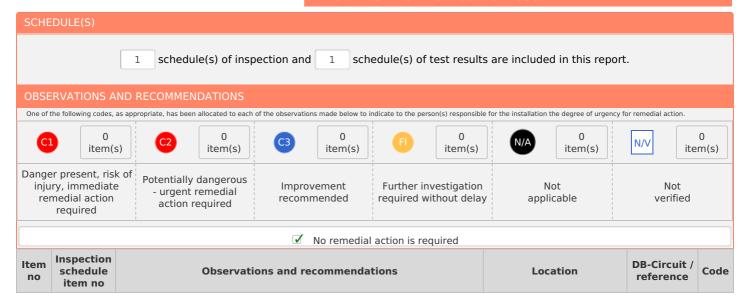




#### **ELECTRICAL INSTALLATION CONDITION REPORT**

Requirements for electrical installations (BS 7671 IET Wiring Regulations)

| DETAILS OF THE CLIENT / PERSO  | N ORDERING THE REF  | PORT  |                                       |                         |   |  |  |  |
|--|---|---|---------------------------------------|-------------------------|---|--|--|--|
| Client name  |   |   | Address                               |                         |   |  |  |  |
| Betty luftyens-humfrey   |   |   | 84 Southdown Road                     | l                       |   |  |  |  |
| Town   |   |   | County                                |                         |   |  |  |  |
| London   |   |   | -                                     |                         |   |  |  |  |
| Postcode   | Telephone   |   | Mobile                                |                         | Email   |  |  |  |
| SW20 8PX   | -   |   | -                                     |                         | -   |  |  |  |
| REASONS FOR PRODUCING THIS   | REPORT  |   |                                       |                         |   |  |  |  |
| Reasons for producing this rep   |   |   |                                       | Date                    | inspection carried out  |  |  |  |
| Safety assessment requested by t   |   |   |                                       |                         | 3/2021  |  |  |  |
| DETAILS OF THE INSTALLATION  | WHICH IS THE SUBJEC   | T OF THIS REP                                       | PORT                                  |                         |   |  |  |  |
| Occupier name  |   | Evidence of   |                                       | Description             | n of premises   |  |  |  |
| -  |   | additions/al  | terations                             | ✓ Domest                | ic     Commercial   Industrial  |  |  |  |
| Address  |   | ✓ Yes □   | No Not                                | Other                   | ·   |  |  |  |
| 23 Sandringham Street  |   | apparent  If yes, estima                            | ated age of                           | -                       |   |  |  |  |
| Town   |   | alterations   | med age of                            | Installation            | n records available   |  |  |  |
| York   |   | 1   | Years                                 | ✓ Yes 🗆                 | No (Regulation 651.1)   |  |  |  |
| County   |   | Estimated a installation                            | ge of the                             | Records held by         |   |  |  |  |
| North Yorkshire  |   | 35  | Years                                 | Owner                   |   |  |  |  |
| Postcode Tele <sub>l</sub>   | ohone   |   | vious inspection                      | Previous re             | eport/certificate no  |  |  |  |
| YO10 4BA -   |   | 24/08/2021  | vious inspection                      | EICS-20210              | 824151045   |  |  |  |
| EXTENT AND LIMITATIONS OF IN   | SPECTION AND TESTI  |   |                                       | !                       |   |  |  |  |
| Extent of the electrical installa  |   |   |                                       |                         |   |  |  |  |
| 100% of the fixed wire installation  |   | -   | ries.                                 |                         |   |  |  |  |
| The inspection and testing in this report and accom  | panying schedules have been carri   | ed out in accordance w                              | ith BS 7671:2018 as amended (         | ET Wiring Regulations   | s). It should be noted that cables concealed within   |  |  |  |
| trunking and conduits, under floors, in roof spaces,<br>inspection. An inspection should be made within an | and generally within the fabric of tr<br>accessible roof space housing othe | ne building or undergro<br>er electrical equipment. | und, have <b>not</b> been inspected u | niess specifically agre | ed between the client and inspector prior to the  |  |  |  |
| Agreed & Operational limitation  | ons including the reas  | sons (See Regul                                     | ation 653.2)                          | Agreed w                | ith -   |  |  |  |
| Number Type  |   | 1   | Limitation descripti                  | on                      |   |  |  |  |
| DECLARATION  |   |   |                                       |                         |   |  |  |  |
|  | ing, hereby declare that the inform   | ation in this report, inc                           |                                       |                         | described above, having exercised reasonable skill rovides an accurate assessment of the condition of |  |  |  |
| Overall assessment of the  | -   |   |                                       |                         |   |  |  |  |
| installation in terms of its<br>suitability for continued use:   |   | SATISFA   | CTORY                                 |                         |   |  |  |  |
| Inspected and tested by  |   |   | Report authorise                      | d by                    |   |  |  |  |
| Name   | Signature   |   | Name                                  | •                       | Signature   |  |  |  |
| Jon Sharp  | 150   |   | Jon Sharp                             |                         | 150   |  |  |  |
| Position   | Date  |   | Position                              |                         | Date  |  |  |  |
| Qualified Supervisor   | 24/08/2021  |   | Qualified Supervisor 24/08/2021       |                         |   |  |  |  |
| NEXT INSPECTION  |   |   |                                       |                         |   |  |  |  |
| 1 (1)/-  | lation in family  |   |                                       |                         |   |  |  |  |
| I / We, recommend that this instal inspected and tested no later than                                      |   | 24/08/2026  |                                       |                         |   |  |  |  |



| SUMMARY OF THE CONDITION OF THE INSTALLATION   |  |
|--|--|
| General condition of the installation(in terms of electrical safe  | ety)   |
| Installation in satisfactory condition   |  |
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| Where the overall assessment of the suitability of the installation for continued use below is stated as <b>UN</b> or <i>'Potentially dangerous'</i> (code C2) are acted upon as a matter of urgency. Investigation without delay is as 'Improvement Recommended' (Code C3) should be given due consideration. | SATISFACTORY, I/we recommend that any observations classified as "Danger present" (Code C1) recommended for observations identified as 'Further Investigation required" (Code FI). Observations classified |
| Overall assessment of its suitability for continued use  | SATISFACTORY   |
|  |  |
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| DETAILS O                          | F THE              | COMPAN              | Υ                                   |          |        |                       |   |              |                                       |                                   |        |  |                     |          |  |
|------------------------------------|--------------------|---------------------|-------------------------------------|----------|--------|-----------------------|---|--------------|---------------------------------------|-----------------------------------|--------|--|---------------------|----------|--|
| Trading t                          | itle               |                     |                                     |          |        | Postcod               | e   |              | Comp                                  | any email                         |        |  |                     |          |  |
| SND Elect                          | rical Ltd          | L L                 |                                     |          |        | YO8 3AX               |   |              | info@sndelectricalltd.co.uk           |                                   |        |  |                     |          |  |
| Address                            |                    |                     |                                     |          |        | Telepho               | ne no   |              | Webs                                  | ite                               |        |  |                     |          |  |
| 23 Holme                           | Lane               |                     |                                     |          |        | -                     | - www.sndelectricalltd.co.uk                    |              |                                       |                                   |        |  |                     |          |  |
| Town                               |                    |                     |                                     |          |        | Mobile r              | number  |              |                                       |                                   |        |  |                     |          |  |
| Selby                              |                    |                     |                                     |          |        | 0787293               | 9502  |              |                                       |                                   |        |  |                     |          |  |
| County                             |                    |                     |                                     |          |        | Enrolme               | nt no   |              |                                       |                                   |        |  |                     |          |  |
| North Yorkshire                    |                    |                     |                                     |          |        | 50296                 |   |              |                                       | ELECTRICAL LI                     | 'D     |  |                     |          |  |
| SUPPLY CH                          | HARAC <sup>-</sup> | TERISTICS           | S AND EARTI                         | HING ARR | ANGE   | MENTS                 |   |              |                                       |                                   |        |  |                     |          |  |
| Earthin<br>arrangem                |                    | <br>                | Number a                            |          |        |                       | Nature of Suppl<br>supply parameters Protective |              |                                       |                                   |        |  | Supply<br>ctive Dev | vice     |  |
| TN-S                               | 1                  | AC                  | /                                   | DC       |        |                       | minal<br>tage - U                               | 230          | V                                     | 230                               | V      | BS(EN)                                 | 1361                | 1-11     |  |
| TN-C-S                             |                    | 1-phase<br>(2 wire) | ✓ 1-phase (3 wire)                  | 2 po     | le 🗌   |                       | minal<br>quency                                 | 50           | 114                                   | o of 1                            |        | Туре                                   | II                  |          |  |
| TN-C                               |                    | 2-phase<br>(3 wire) |                                     | 3 ро     | le 🗌   |                       | C - Ipf   | 1.80         |                                       | upply /                           |        | Short<br>circuit                       | 33                  | 3        |  |
| Π                                  |                    | 3-phase             | 3-phase<br>(4 wire)                 | Othe     | er 🗌   |                       |   |              | cc                                    | onfirmed                          |        | capacity<br>(kA)                       |                     |          |  |
| IT                                 |                    | (3 wire)            | (4 wire)                            |          |        |                       | rth loop<br>bedance                             | 0.13         | Ω                                     |                                   |        |  |                     |          |  |
|                                    |                    |                     |                                     |          |        | - 2                   | 5   |              |                                       |                                   |        | Rated<br>current<br>(A)                | 60                  | )        |  |
| PARTICUL A                         | ARS OF             | INSTALL             | ATION REFE                          | RRED TO  | IN THI | S REPORT              |   |              |                                       |                                   | į      |  |                     |          |  |
| Means o                            | of<br>g            | Details o           | of installation                     |          |        |                       | applicat  | ole)         |                                       |                                   |        |  |                     |          |  |
| Distributor<br>facility            |                    | Type:<br>eg<br>rod, | N/A                                 |          |        |                       |   |              | Resistar<br>to earth                  | N/A                               | Ω      |  |                     |          |  |
| Earth                              |                    | tape                |                                     |          |        |                       |   |              | Method                                | of                                |        |  |                     |          |  |
| electrode                          |                    | Location            | N/A                                 |          |        |                       |   |              | Method of measurement N/A             |                                   |        |  |                     |          |  |
|                                    |                    |                     | / switch fus<br>eaker / RCD         | e        |        | Earthing<br>conductor |   |              | Main protective<br>bonding conductors |                                   |        | Bonding of extraneous conductive parts |                     |          |  |
| Type<br>BS(EN)                     | 60947              | -3                  | Voltage<br>rating                   | 230      | v      | Conductor<br>material | Copper  |              | Conductor<br>material                 | Copper                            | Wa     | ater 🗸                                 | Gas                 | <b>✓</b> |  |
| No of                              | 2                  |                     | Rated                               | 100      | Α      |                       |   |              |                                       |                                   |        |  |                     |          |  |
| poles                              |                    |                     | current - In                        | 100      | A      | Conductor             |   |              | Conductor                             | 10                                | Oil    |  | Structur            | ral      |  |
| Conductor<br>material              | Coppe              | r                   | Fuse/device<br>rating or<br>setting | N/A      | A      | csa (mm <sup>2)</sup> | 16  |              | csa (mm <sup>2)</sup>                 | 10                                |        | -                                      | steel               | -        |  |
| Conductor<br>csa (mm <sup>2)</sup> | 2                  | 5                   | RCD<br>operating<br>current, In     | N/A      | mA     | Continuity check      | <b>✓</b>  |              |                                       |                                   |        | ntning -                               | Other               | s -      |  |
|                                    |                    |                     | RCD<br>operating<br>time at In      | N/A      | ms     |                       |   |              |                                       | ations and measu<br>BONDING INFOR |        |  |                     | rate.    |  |
| Location                           | of mai             | n switch            |                                     |          |        |                       |   |              |                                       |                                   |        |  |                     |          |  |
| consumer                           | unit               |                     |                                     |          |        |                       |   |              |                                       |                                   |        |  |                     |          |  |
| BONDI                              | NG<br>MES          | Pass ,              | / Fail /                            | No       |        | X No                  | <u> </u>  | No<br>contin | •                                     | Limitation                        | on LIN |  | ot<br>icable        | N/A      |  |

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| SCHE          | DULES OF INSPECTION   |                |  |  |  |  |  |  |  |  |  |
|---------------|---|----------------|--|--|--|--|--|--|--|--|--|
| Accep<br>cond |   | Not<br>licable |  |  |  |  |  |  |  |  |  |
| Item<br>No    | DESCRIPTION OUTCOME See codes above   |                |  |  |  |  |  |  |  |  |  |
| 1.0           | EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)   |                |  |  |  |  |  |  |  |  |  |
| 1.1           | Service cable   | •              |  |  |  |  |  |  |  |  |  |
| 1.2           | Service head  | <b>Ø</b>       |  |  |  |  |  |  |  |  |  |
| 1.3           | Earthing arrangement  |                |  |  |  |  |  |  |  |  |  |
| 1.4           | Meter tails   |                |  |  |  |  |  |  |  |  |  |
| 1.5           | Metering equipment  |                |  |  |  |  |  |  |  |  |  |
| 1.6           | Isolator (where present)  | N/A            |  |  |  |  |  |  |  |  |  |
| 2.0           | PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)  |                |  |  |  |  |  |  |  |  |  |
| 2.1           | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) (542.1.2.1; 542.1.2.2) | N/A            |  |  |  |  |  |  |  |  |  |
| 2.2           | Adequate arrangements where a generating set operates in parallel with the public supply (551.7)                                    | N/A            |  |  |  |  |  |  |  |  |  |
| 3.0           | EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)  |                |  |  |  |  |  |  |  |  |  |
| 3.1           | Presence and condition of distributor's earthing arrangements (542.1.2.1; 542.1.2.2)  |                |  |  |  |  |  |  |  |  |  |
| 3.2           | Presence and condition of earth electrode connection where applicable (542.1.2.3)   |                |  |  |  |  |  |  |  |  |  |
| 3.3           | Provision of earthing/bonding labels at all appropriate locations (514.13.1)  |                |  |  |  |  |  |  |  |  |  |
| 3.4           | Confirmation of earthing conductor size (542.3; 543.1.1)  | <b>Ø</b>       |  |  |  |  |  |  |  |  |  |
| 3.5           | Accessibility and condition of earthing conductor at MET (543.3.2)  | •              |  |  |  |  |  |  |  |  |  |
| 3.6           | Confirmation of main protective bonding conductor sizes (544.1)   | <b>Ø</b>       |  |  |  |  |  |  |  |  |  |
| 3.7           | Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)                                     | <b>Ø</b>       |  |  |  |  |  |  |  |  |  |
| 3.8           | Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)  |                |  |  |  |  |  |  |  |  |  |
| 4.0           | CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)  |                |  |  |  |  |  |  |  |  |  |
| 4.1           | Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)   |                |  |  |  |  |  |  |  |  |  |
| 4.2           | Security of fixing (134.1.1)  | <u> </u>       |  |  |  |  |  |  |  |  |  |
| 4.3           | Condition of enclosure(s) in terms of IP rating etc (416.2)   |                |  |  |  |  |  |  |  |  |  |
| 4.4           | Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)  | <u> </u>       |  |  |  |  |  |  |  |  |  |
| 4.5           | Enclosure not damaged/deteriorated so as to impair safety (651.2)   |                |  |  |  |  |  |  |  |  |  |
| 4.6           | Presence of main linked switched (as required by 462.1.201)   |                |  |  |  |  |  |  |  |  |  |
| 4.7           | Operation of main switch (functional check) (643.10)  |                |  |  |  |  |  |  |  |  |  |
| 4.8           | Manual operation of circuit breakers and RCD's to prove disconnection (643.10)  |                |  |  |  |  |  |  |  |  |  |
| 4.9           | Correct identification of circuit details and protective devices (514.8.1; 514.9.1)   |                |  |  |  |  |  |  |  |  |  |
| 4.10          | Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)                                      |                |  |  |  |  |  |  |  |  |  |
| 4.11          | Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.4)                    | <b>Ø</b>       |  |  |  |  |  |  |  |  |  |
| 4.12          | Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)                                  | N/A            |  |  |  |  |  |  |  |  |  |

| Item<br>No | DESCRIPTION   | OUTCOME<br>See codes<br>above |  |  |  |  |
|------------|---|-------------------------------|--|--|--|--|
| cont'o     | CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)  |                               |  |  |  |  |
| 4.13       | Presence of other required labelling (please specify) (Section 514)   |                               |  |  |  |  |
| 4.14       | Compatibility of protective devices, bases and other components, correct type and rating (No signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433) |                               |  |  |  |  |
| 4.15       | Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  |                               |  |  |  |  |
| 4.16       | Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)   |                               |  |  |  |  |
| 4.17       | Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)   | <b>Ø</b>                      |  |  |  |  |
| 4.18       | RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)   | <b>Ø</b>                      |  |  |  |  |
| 4.19       | RCD(s) provided for additional protection / requirements - includes RCBOs (411.3.3; 415.1)  | <b>Ø</b>                      |  |  |  |  |
| 4.20       | Confirmation of indication that SPD is functional (651.4)   | N/A                           |  |  |  |  |
| 4.21       | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  | 0                             |  |  |  |  |
| 4.22       | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  | N/A                           |  |  |  |  |
| 4.23       | Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  | N/A                           |  |  |  |  |
| 5.0        | FINAL CIRCUITS  |                               |  |  |  |  |
| 5.1        | Identification of conductors (514.3.1)  |                               |  |  |  |  |
| 5.2        | Cables correctly supported throughout their run (521.10.202; 522.8.5)   |                               |  |  |  |  |
| 5.3        | Condition of insulation of live parts (416.1)   |                               |  |  |  |  |
| 5.4        | Non sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) * $To$ include the integrity of conduit and trunking systems (metallic and plastic)                                   |                               |  |  |  |  |
| 5.4.1      | To include the integrity of conduit and trunking systems (metal and plastic) * To include the integrity of conduit and trunking systems (metallic and plastic)  | •                             |  |  |  |  |
| 5.5        | Adequacy of cables for current carrying capacity with regard for the type and nature of installation (Section 523)  | •                             |  |  |  |  |
| 5.6        | Coordination between conductors and overload protective devices (433.1; 533.2.1)  |                               |  |  |  |  |
| 5.7        | Adequacy of protective devices: type and rated current for fault protection (411.3)   |                               |  |  |  |  |
| 5.8        | Presence and adequacy of circuit protective conductors (411.3.1; Section 543)   |                               |  |  |  |  |
| 5.9        | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)  | <b>Ø</b>                      |  |  |  |  |
| 5.10       | Concealed cables installed in prescribed zones (see Extent and limitations) (522.6.202)   |                               |  |  |  |  |
| 5.11       | Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Extent and limitations) (522.6.204; )  | •                             |  |  |  |  |
| 5.12       | Provision of additional requirements for protection by RCD not exceeding 30 mA  |                               |  |  |  |  |
|            | * for all socket outlets of rating 32A or less, unless an exception is permitted (411.3.3)  | 0                             |  |  |  |  |
|            | * for supply to mobile equipment not exceeding 32A rating for use outdoors (411.3.3)  | 0                             |  |  |  |  |
|            | * for cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203)   | <b>Ø</b>                      |  |  |  |  |
|            | * for cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)   | 0                             |  |  |  |  |
|            | * for final circuits supplying luminaires within domestic (household) premises (411.3.4)  | <b>Ø</b>                      |  |  |  |  |

| Item<br>No | DESCRIPTION  | OUTCOME<br>See codes<br>above |  |  |  |  |  |  |  |
|------------|--|-------------------------------|--|--|--|--|--|--|--|
| 5.13       | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)                  | <b>Ø</b>                      |  |  |  |  |  |  |  |
| 5.14       | Band II cables segregated/separated from Band I cables (528.1)   |                               |  |  |  |  |  |  |  |
| 5.15       | Cables segregated/separated from communications cabling (528.2)  | •                             |  |  |  |  |  |  |  |
| 5.16       | Cables segregated/separated from non-electrical services (528.3)   | •                             |  |  |  |  |  |  |  |
| 5.17       | Termination of cables at enclosures - indicate extent of sampling in Extent of Limitations of the report (Section 526) | •                             |  |  |  |  |  |  |  |
|            | * Connections soundly made and under no undue strain (526.6)   | •                             |  |  |  |  |  |  |  |
|            | * No basic insulation of a conductor visible outside enclosure (526.8)   | •                             |  |  |  |  |  |  |  |
|            | * Connections of live conductors adequately enclosed (526.5)   | •                             |  |  |  |  |  |  |  |
|            | * Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)                                  | 0                             |  |  |  |  |  |  |  |
| 5.18       | Condition of accessories including socket-outlets, switches and joint boxes (621.2 (v))                                | •                             |  |  |  |  |  |  |  |
| 5.19       | Suitability of accessories for external influences (512.2)   | •                             |  |  |  |  |  |  |  |
| 5.20       | Adequacy of working space/accessibility to equipment (132.12; 513.1)   | •                             |  |  |  |  |  |  |  |
| 5.21       | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)                                | 0                             |  |  |  |  |  |  |  |
| 6.0        | LOCATION(S) CONTAINING A BATH OR SHOWER  |                               |  |  |  |  |  |  |  |
| 6.1        | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (704.411.3.3)                        | •                             |  |  |  |  |  |  |  |
| 6.2        | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)                                    | N/A                           |  |  |  |  |  |  |  |
| 6.3        | Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)  | N/A                           |  |  |  |  |  |  |  |
| 6.4        | Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)                          | 0                             |  |  |  |  |  |  |  |
| 6.5        | Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone (701.512.3)                                     | N/A                           |  |  |  |  |  |  |  |
| 6.6        | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)              | 0                             |  |  |  |  |  |  |  |
| 6.7        | Suitability of accessories and control-gear etc. for a particular zone (701.512.3)                                     | •                             |  |  |  |  |  |  |  |
| 6.8        | Suitability of current using equipment for particular position within the location (701.55)                            | 0                             |  |  |  |  |  |  |  |
| 7.0        | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS  List all other special installations or locations present, if any.    |                               |  |  |  |  |  |  |  |
|            | cted by  e (Capitals)  Signature  Date   |                               |  |  |  |  |  |  |  |
|            | Sharp 24/08/2021   |                               |  |  |  |  |  |  |  |

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| DB-1 - H     | lallway - (Danson) (12 ways)  |                 |                |               |               |              |                    |               |                           |                          |                          |                  |             |
|--------------|---|-----------------|----------------|---------------|---------------|--------------|--------------------|---------------|---------------------------|--------------------------|--------------------------|------------------|-------------|
|              | Applies in every case   |                 |                |               |               |              |                    |               | Charac                    | teristi                  | cs at th                 | is bo            | ard         |
| DB name DB-1 |   |                 |                | Origin        | 1             |              |                    |               | Supply polarity confirmed |                          |                          |                  | /           |
| Location     | Hallway   | No of<br>circui |                | 12            |               | No of phas   |                    | 1             | Phase se                  | quence                   | confirm                  | ned              | N/A         |
| Overcur      | rent protective device for the supply circui  | t               | 1              | Measur        | ement         | s at th      | is boa             | ard           |                           |                          |                          |                  |             |
| BS(EN)       | 1361-II Rating 60 Rating (V)  | 230             | Z ( <u>(</u>   | (s Ω) 0.      | 13            | lpf<br>(kA)  | 1.5                | 80 ΙΔn<br>(ms |                           | \                        | 5lΔn<br>(ms)             | N/A              |             |
| CIRCUIT      | DETAILS   |                 |                |               | Condi         | uctors       |                    | Ove           | ercurrent d               | evices                   |                          |                  | RCD         |
| Cct<br>No    | Designation   | No of points    | Wiring<br>type | Ref<br>method | Live<br>(mm²) | cpc<br>(mm²) | Dis<br>time<br>(s) | BS(EN)        | Rating<br>(A)             | Short<br>circuit<br>(kA) | Voltage<br>Rating<br>(V) | Max<br>Zs<br>(Ω) | IΔn<br>(mA) |
| 1            | Shower  | 1               | А              | 100           | 6             | 2.5          | 0.4                | 61009-B       | 40                        | 6                        | 230                      | 1.09             | 30          |
| 2            | Spare   | 1               | А              | 100           | 6             | 2.5          | 0.4                | 61009-B       | 32                        | 6                        | 230                      | 1.37             | 30          |
| 3            | Ring final sockets ground floor   | 12              | А              | 100           | 2.5           | 1.5          | 0.4                | 61009-B       | 32                        | 6                        | 230                      | 1.37             | 30          |
| 4            | Ring final sockets first floor and alarm and second floor and freezer socket ground floor | 15              | А              | 100           | 2.5           | 1.5          | 0.4                | 61009-B       | 32                        | 6                        | 230                      | 1.37             | 30          |
| 5            | computer socket loft  | 1               | Α              | 100           | 2.5           | 1.5          | 0.4                | 61009-B       | 16                        | 6                        | 230                      | 2.73             | 30          |
| 6            | Radial immersion heater top floor   | 1               | Α              | 100           | 2.5           | 1.5          | 0.4                | 61009-B       | 16                        | 6                        | 230                      | 2.73             | 30          |
| 7            | Lights and smokes   | 27              | Α              | 100           | 1             | 1            | 0.4                | 61009-B       | 6                         | 6                        | 230                      | 7.28             | 30          |
| 8            | Spare   | -               | -              | -             | -             | -            | -                  | -             | -                         | -                        | -                        | -                | -           |
| 9            | Spare   | -               | -              | -             | -             | -            | -                  | -             | -                         | -                        | -                        | -                | -           |
| 10           | Spare   | -               | -              | -             | -             | -            | -                  | -             | -                         | -                        | -                        | -                | -           |
| 11           | Spare   | -               | -              | -             | -             | -            | -                  | -             | -                         | -                        | -                        | -                | -           |
| 12           | Spare   | -               | -              | -             | -             | -            | -                  | -             | -                         | -                        | -                        | -                | -           |

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| TEST      | TEST RESULTS DB-1 - Hallway - (Danson 12 ways)  |  |             |   |              |                          |                           |             |             |          |                |            |                          |                           |                       |                        |                                  |
|-----------|---|--|-------------|---|--------------|--------------------------|---------------------------|-------------|-------------|----------|----------------|------------|--------------------------|---------------------------|-----------------------|------------------------|----------------------------------|
|           |   | Ring final<br>circuits<br>(measured end<br>to end) |             | At least<br>one<br>column to<br>be<br>completed |              | Insulation<br>resistance |                           |             |             |          | RCD            |            |                          | AFDD                      |                       |                        |                                  |
| Cct<br>No | Designation   | (r1)<br>(Ω)  | (rn)<br>(Ω) | (r2)<br>(Ω)                                     | R1+R2<br>(Ω) | R2<br>(Ω)                | IR Test<br>voltage<br>(V) | L-L<br>(MΩ) | L-E<br>(MΩ) | Polarity | Meas<br>Zs (Ω) | Meas<br>kA | RCD<br>at<br>I∆n<br>(ms) | RCD<br>at<br>5I∆n<br>(ms) | RCD<br>Test<br>button | AFDD<br>Test<br>button | Circuit<br>vulnerable<br>to test |
| 1         | Shower  | -  | -           | -   | 0.17         | -                        | 500                       | 999         | 999         | 1        | 0.30           | -          | NA                       | 17                        | 1                     | N/A                    | -                                |
| 2         | Spare   | -  | -           | -   | 0.18         | -                        | 500                       | 999         | 999         | 1        | 0.31           | -          | NA                       | 17                        | 1                     | N/A                    | -                                |
| 3         | Ring final sockets ground floor   | 0.69   | 0.68        | 0.89  | 0.39         | -                        | 500                       | 105         | 105         | 1        | 0.52           | -          | NA                       | 17                        | 1                     | N/A                    | Yes                              |
| 4         | Ring final sockets first floor and alarm and second floor and freezer socket ground floor | 0.59   | 0.59        | 0.90  | 0.38         | -                        | 500                       | 104         | 104         | 1        | 0.51           | -          | NA                       | 17                        | 1                     | N/A                    | Yes                              |
| 5         | computer socket loft  | -  | -           | -   | 0.68         | -                        | 500                       | 999         | 999         | 1        | 0.78           | -          | NA                       | 17                        | /                     | N/A                    | Yes                              |
| 6         | Radial immersion heater top floor   | -  | -           | -   | 0.61         | -                        | 500                       | 999         | 999         | 1        | 0.74           | -          | NA                       | 17                        | 1                     | N/A                    | -                                |
| 7         | Lights and smokes   | -  | -           | -   | 1.05         | -                        | 500                       | 4           | 5           | 1        | 1.18           | -          | NA                       | 17                        | 1                     | N/A                    | -                                |
| 8         | Spare   | -  | -           | -   | -            | -                        | -                         | -           | -           | -        | -              | -          | -                        | -                         | -                     | -                      | -                                |
| 9         | Spare   | -  | -           | -   | -            | -                        | -                         | -           | -           | -        | -              | -          | -                        | -                         | -                     | -                      | -                                |
| 10        | Spare   | -  | -           | -   | -            | -                        | -                         | -           | -           | -        | -              | -          | -                        | -                         | -                     | -                      | -                                |
| 11        | Spare   | -  | -           | -   | -            | -                        | -                         | -           | -           | -        | -              | -          | -                        | -                         | -                     | -                      | -                                |
| 12        | Spare   | -  | -           | -   | -            | -                        | -                         | -           | -           | -        | -              | -          | -                        | -                         | -                     | -                      | -                                |

| ENGINEER AND TEST INSTRUMENTS |            |                       |             |             |  |  |  |  |  |
|-------------------------------|------------|-----------------------|-------------|-------------|--|--|--|--|--|
| Multifunction 19120865        | Continuity | Insulation resistance | EFLI Tester | RCD tester  |  |  |  |  |  |
| Tested by (Capitals)          |            | Signature             |             | <b>Date</b> |  |  |  |  |  |
| Jon Sharp                     |            | 15-P                  |             | 24/08/2021  |  |  |  |  |  |

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| ADDITIONAL BONDING INFORMATION   |  |
|--|--|
| Water bond details   | Gas bond details   |
| Water bond size Water bond measurement   | Gas bond size Gas bond measurement   |
| $10 \text{ mm}^2$ - $\Omega$   | $10 \text{ mm}^2$ - $\Omega$   |
| Water bond location  | Gas bond location  |
| water stop tap   | gas meter  |
| Additional notes   | Additional notes   |
| -  | -  |
|  |  |
|  |  |
| Oil bond details   | Structural steel bond details  |
| Oil bond size Oil bond measurement   | Steel bond size Steel bond measurement   |
| $-$ mm <sup>2</sup> $ \Omega$  | $-$ mm <sup>2</sup> $ \Omega$  |
| Oil bond location  | Steel bond location  |
| -  | -  |
|  |  |
| Additional notes   | Additional notes   |
| -  | -  |
|  |  |
|  |  |
| Lightning conductor bond details   | Other bond details   |
| Lightning conductor size  - mm <sup>2</sup> Lightning conductor measurement  - Ω | Other bonding conductor size Bonding conductor measurement $ \begin{array}{c c} & & & & & \\ & & & & \\ \hline & - & & & \\ \hline \end{array} $ |
| Lightning conductor location(s)  | Other bonding conductor location(s)  |
| -  | - Street Boliumy Conductor location(s)   |
|  |  |
| Additional notes   | Additional notes   |
| -  | -  |
|  |  |
|  |  |

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#### CONDITION REPORT 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 SUMMARY OF THE CONDITION OF THE INSTALLATION). The report should identify any damage, deterioration, defects, and/or conditions which may give rise to danger (see OBSERVATIONS AND RECOMMENDATIONS).
- 2. The person ordering the Report should have received this Report without watermarks and the inspector/company should have retained a duplicate.
- 3. This Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.
- 4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. For safety reasons it is important that this instruction is followed.
- 5. The EXTENT AND LIMITATIONS section 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.
- For items classified in the OBSERVATIONS AND RECOMMENDATIONS section as C1 ("Danger present"), the safety of those using the
  installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary
  remedial work immediately.
- 8. For items classified in the *OBSERVATIONS AND RECOMMENDATIONS* section as C2 ("Potentially dangerous"), **the safety of those using the installation may be at risk,** and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
- 9. Where it has been stated in the *OBSERVATIONS AND RECOMMENDATIONS* section that an observation requires further investigation (Code FI) the inspection has revealed an apparent deficiency which may result in a C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency.
- 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 the (see SUMMARY OF THE CONDITION OF THE INSTALLATION) section of the Report and on a label at or near to the consumer unit/distribution board.

|   | CODES FOR TYPE OF WIRING   |   |   |   |   |   |             |                                   |  |  |  |  |
|---|--|---|---|---|---|---|-------------|-----------------------------------|--|--|--|--|
| Α   | В  | С   | D   | Е   | F   | G   | Н           | O (Other)                         |  |  |  |  |
| Thermoplastic insulated/sheathed cables   | Thermoplastic cables in metallic conduit                                 | Thermoplastic cables in non-metallic conduit                                | Thermoplastic<br>cables in<br>metallic<br>trunking  | Thermoplastic<br>cables in non-<br>metallic<br>trunking                                     | Thermoplastic /<br>SWA cables   | Thermosetting /<br>SWA cables   | MICC cables | Other cable types not listed here |  |  |  |  |
| FP  | TR   | HT  | SY  | YY  | CY  | VIR   |             |                                   |  |  |  |  |
| FP 200 - standard<br>fire resistant cable | Tri-rated - BS<br>6231 high<br>temperature -<br>flame retardant<br>cable | Hi Tuff -<br>waterproof with<br>a tough PVC<br>sheathing for<br>outdoor use | SY cable -<br>flexible<br>instrumentation<br>cable with a<br>galvanised steel<br>wire braid | YY cable -<br>flexible<br>instrumentation<br>cable with a<br>galvanised steel<br>wire braid | CY cable -<br>flexible<br>instrumentation<br>cable with a<br>galvanised steel<br>wire braid and a<br>PETP separator | VIR - Vulcanised<br>Indian Rubber<br>cable - no<br>Ionger<br>manufactured |             |                                   |  |  |  |  |

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