

PART 1: DETAILS OF THE INSTALLATION

| | | | |
|---|------------------------------------|--------------------------------|----------------|
| Client | Mr John Smith | Occupier | Mrs Jane Smith |
| Installation address | N/A | | |
| Reason for producing this report | Periodic inspection - 5 year check | | |
| Date(s) on which inspection and testing was carried out | 20/02/2006 | | |
| Description of premises | Residential | Estimated age of wiring system | 25 |
| Evidence of additions / alterations? | Yes | If yes, estimated age | 5 |
| Installation records available? | Yes | Date of last inspection | 20/02/2001 |

PART 2: EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

| | |
|---|--|
| Extent of the electrical installation covered by this report | Full inspection and testing of the domestic electrical installation. |
| Agreed limitations including the reasons <small>(see Regulation 653.2)</small> | None |
| Agreed with | Property owner |
| Operational limitations including the reasons | None |
| <i>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.</i> | |

PART 3: SUMMARY OF THE CONDITION OF THE INSTALLATION

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|---|--|
| General condition of the installation (in terms of electrical safety) | The installation is in satisfactory condition for continued use. |
| Overall assessment of the installation in terms of its suitability for continued use | SATISFACTORY |
| An unsatisfactory assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified. The inspection has been completed and observations are noted in Part 9. | |

PART 4: RECOMMENDATIONS

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| Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY, I / we recommend that any observations classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further investigation required' (code FI). Observations classified as 'Improvement recommended' (code C3) should be given due consideration. | |
| Subject to the necessary remedial action being taken, I / We recommend that the installation is further inspected and tested by | 20/02/2001 |
| for the following reasons | Standard 5 year periodic inspection interval for domestic premises. |

PART 5: DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in Part 2 of this report.

| Inspected and tested by: | Report authorised for issue by: |
|--|--|
| NAME: Ian Inspector | NAME: Ian Issuer |
| COMPANY: Inspect Co Ltd | COMPANY: Inspect Co Ltd |
| POSITION: Senior Electrician | POSITION: Director |
| ADDRESS: 1 Inspector Lane, AB12 3CD | ADDRESS: 1 Inspector Lane, AB12 3CD |
| SIGNATURE: <i>I Inspector</i> | SIGNATURE: <i>I Issuer</i> |
| DATE: 20/02/2006 | DATE: 20/02/2006 |

PART 6: SCHEDULE(S)

1 Inspection Schedule(s) and 1 Schedule(s) of Circuit Details and Test Results are attached.
The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

PART 7: SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| Earthing Arrangements | | | | | |
|--|------------------------|---|------------------------|-----------|--------------------------------------|
| TN-S N/A | TN-C-S ✓ | TNC N/A | TT N/A | IT N/A | CONFIRMATION OF SUPPLY POLARITY ✓ |
| Number and Type of Live Conductors | | | | | |
| 1-PHASE, 2-WIRE 1 | 2-PHASE, 3-WIRE N/A | 3-PHASE, 3-WIRE N/A | 3-PHASE, 4-WIRE N/A | | |
| Nature of Supply Parameters | | | | | |
| Nominal voltage, U/U _o | 230 V | Nominal frequency, f | 50 Hz | | |
| Prospective fault current, I _{pf} | 4.5 kA | External earth fault loop impedance, Z _e | 0.35 Ω | | |
| Supply Protective Device | | | | | |
| BS (EN) | N/A | Type | Type 2 | | |
| Rated current | 40 A | | | | |

PART 8: PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

| | | | | | | |
|--|-----------------------------|-----------------|---|-------------------------|---------------------------------------|--------------|
| Means of Earthing | DISTRIBUTOR'S FACILITY ✓ | | INSTALLATION EARTH ELECTRODE N/A | | | |
| Maximum demand (load) | 80 | | | | | |
| Details of Installation Earth Electrode | | | | | | |
| Type | Rod | Location | | | Front garden | |
| Electrode resistance to Earth | 22 Ω | | | | | |
| Main Protective Conductors | | | | | | |
| Earthing conductor | MATERIAL N/A | | CSA 16 mm ² | | CONNECTION / CONTINUITY VERIFIED 1 | |
| Main protective bonding conductors | MATERIAL N/A | | CSA 10 mm ² | | CONNECTION / CONTINUITY VERIFIED 1 | |
| Bonding conductor(s) to: | WATER ✓ Yes | GAS ✓ Yes | OIL N/A | STRUCTURAL STEEL N/A | LIGHTNING N/A | OTHER N/A |
| Other (specify) | N/A | | | | | |
| Main Switch / Switch-fuse / Circuit-breaker / RCD | | | | | | |
| Location | Consumer unit (DB1) | | BS (EN) | | N/A | |
| No of poles | Double-pole | | Current rating | | 100 A | |
| Fuse / device rating or setting | RCCB | | Voltage rating | | 230 V | |
| If RCD Main Switch | | | | | | |
| RCD Type | A | | Rated residual operating current (IΔn) | | 30 mA | |
| Rated time delay | 0 ms | | Measured operating time | | 24 ms | |


PART 9: OBSERVATIONS

| | | | |
|---|--|----------------------------|--|
| Extent and limitations of the inspection and testing | Section 1-8 | | |
| # | OBSERVATION(S) Include schedule reference, as appropriate | Classification code | |
| 1 | Consumer unit does not have surge protection device (SPD) fitted. Recommend installing Type 2 SPD for enhanced protection against transient overvoltages (Regulation 443.4). | C3 | |
| 2 | Lack of additional protection by 30 mA RCD for socket outlets rated 32 A or less in kitchen. Recommend upgrading to RCBO protection (Regulation 411.3.3). | C3 | |
| 3 | Main earthing conductor connection at MET not labelled. Safety Electrical Connection - Do Not Remove label required (Regulation 514.13.1). | C3 | |
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One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.
 C1 – Danger present. Risk of injury. Immediate remedial action required · C2 – Potentially dangerous – urgent remedial action required · C3 – Improvement recommended · FI – Further investigation required without delay

DECLARATION

I/We the undersigned, being the person(s) for whom the Condition Report (as indicated by my/our signatures below) was produced, have received the original report and understand that the report is intended to identify, so far as reasonably practicable, any damage, deterioration, defects or dangerous conditions.

| | |
|--|--------------------|
| SIGNATURE  MR JOHN SMITH | DATE 20/02/2006 |
|--|--------------------|

CONDITION REPORT: INSPECTION SCHEDULE FOR RESIDENTIAL AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

The persons responsible for the periodic inspection of the installation should include the relevant items in relation to the electrical installation in accordance with the requirements of BS 7671, as amended to date. The persons responsible for the periodic inspection of the installation should note that an item in the checklist should be assessed as PASS, C1, C2, C3, FI, LIM or N/A as applicable.

| Item No. | Description | Outcome |
|------------|--|-------------|
| 1.0 | INTAKE EQUIPMENT (VISUAL INSPECTION ONLY) | PASS |
| 1.1 | Adequacy of connection techniques / compatibility of conductors (visual only) | PASS |
| 1.2 | Presence and condition of suitable isolation device(s), security of access where required (132.12, 461.1) | PASS |
| 1.3 | Presence of linked main switches where required (462.1.201) | PASS |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6) | N/A |
| 3.0 | EARTHING / BONDING ARRANGEMENTS (411.3.1, Chap 54) | PASS |
| 3.1 | Presence and condition of distributor's earth electrode connection where applicable (542.1.2.3) | PASS |
| 3.2 | Presence and condition of earth electrode connection (542.1.2.1) | N/A |
| 3.3 | Confirmation of earthing conductor size (543.1) | C3 |
| 3.4 | Accessibility and condition of all earthing and bonding connections (514.13, 543.3) | PASS |
| 3.5 | Confirmation of main protective bonding conductor sizes (544.1) | PASS |
| 3.6 | Accessibility and condition of bonding connections to extraneous-conductive-parts (514.13, 543.3, 547.1) | PASS |
| 3.7 | Provision of adequate supplementary bonding where required (415.2) | PASS |
| 3.8 | Earthing arrangements for combined protective and functional purposes (542.2.8) | N/A |
| 4.0 | CONSUMER UNITS / DISTRIBUTION BOARDS | PASS |
| 4.1 | Adequacy of working space / accessibility to consumer unit / distribution board (132.12, 513.1) | PASS |
| 4.2 | Security of fixing (134.1.1) | PASS |
| 4.3 | Condition of enclosure(s) in terms of IP rating etc. (416.2; 421) | PASS |
| 4.4 | Condition of enclosure(s) in terms of fire rating (421.1.201) | PASS |
| 4.5 | Enclosure not damaged/deteriorated so as to impair safety (Chap 13) | PASS |
| 4.6 | Presence and effectiveness of obstacles to prevent unintentional direct contact (416.2) | PASS |
| 4.7 | Arrangement for disconnection / isolation of circuits (132.15.1, 537.2) | PASS |
| 4.8 | Condition of internal components, connections and identification (514.1, 526.1) | PASS |
| 4.9 | Correct identification of all circuits and protective devices (514.1, 514.8, 514.9) | PASS |
| 4.10 | Single-pole switching or protective devices in phase conductors only (132.14.1, 530.3.2) | PASS |
| 4.11 | Protection against mechanical damage where cables enter consumer unit/distribution board (522.8.1) | N/A |
| 4.12 | RCD(s) provided for fault protection where required (531.2) | PASS |
| 4.13 | RCDs provided for additional protection for socket-outlet circuits (411.3.3, 415.1) | PASS |
| 4.14 | Manual test of RCDs/RCBOs and operation confirmed | PASS |
| 4.15 | Confirmation of indication of SPD operational status | PASS |
| 5.0 | FINAL CIRCUITS | PASS |
| 5.1 | Identification of conductors (514.1, 514.3) | PASS |
| 5.2 | Cables correctly supported throughout their run (522.8.4, 522.8.5) | PASS |
| 5.3 | Condition of insulation of live parts (416.1) | PASS |
| 5.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) | PASS |
| 5.5 | Cables not installed in prescribed zones and mechanical protection provided (522.6.100, 522.6.201) | PASS |
| 5.6 | Acceptable methods used for connection of conductors (526.1) | PASS |
| 5.7 | Connections of live conductors adequately enclosed (526.5) | PASS |
| 5.8 | Condition of sockets, switches and other accessories (621.2) | PASS |
| 5.9 | Suitability of accessories for external influences (512.2) | PASS |
| 5.10 | Adequacy of fixing of wiring accessories (134.1.1) | LIM |
| 5.11 | Provision of fire barriers, sealing arrangements and protection against thermal effects where required (527.2) | LIM |
| 5.12 | Band II cables segregated/separated from Band I (528.1) | PASS |
| 5.13 | Segregation of electrical services from non-electrical services (528.2) | PASS |
| 5.14 | Termination of cables at enclosures: adequate support, security and protection (526.8) | N/A |
| 5.15 | Correct polarity of socket-outlets and other accessories (612.6) | N/A |
| 5.16 | Single-pole switching or protection devices in live conductors only (132.14.1, 530.3.2) | N/A |
| 6.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | PASS |
| 6.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3) | PASS |
| 6.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | N/A |
| 6.3 | Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | N/A |

| Item No. | Description | Outcome |
|------------|---|---------|
| 6.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2018+A3:2024 (701.415.2) | PASS |
| 6.5 | Low voltage (e.g. 230 V) socket-outlets sited at least 2.5 m from zone 1 (701.512.3) | PASS |
| 6.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | PASS |
| 6.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | PASS |
| 6.8 | Suitability of current-using equipment for particular position within the location (701.55) | PASS |
| 7.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS | N/A |
| 7.1 | List all other special installations or locations present, if any. | N/A |
| 8.0 | PROSUMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S) | N/A |
| 8.1 | Where the installation includes additional requirements and recommendations relating to Chapter 82, additional inspection items should be added to the checklist. | N/A |

Key: **PASS**=Satisfactory · **C1**=Danger present · **C2**=Potentially dangerous · **C3**=Improvement recommended · **FI**=Further investigation · **LIM**=Limitation · **N/A**=Not applicable

Duty holder / occupier notified

N/A

INSPECTED BY

SIGNATURE

I Inspector

IAN INSPECTOR

DATE

20/02/2006

CONDITION 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, as far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section K).
2. This Report is only valid if accompanied by the Inspection Schedule(s) and the Schedule(s) of Circuit Details and Test Results.
3. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
4. The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.
5. Section D (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.
7. For items classified in Section K as C1 ('Danger present') **the safety of those using the installation is at risk**, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
8. For items classified in Section K as C2 ('Potentially dangerous') **the safety of those using the installation may be at risk** and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
9. Where it has been stated in Section K that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F).
10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated in Section F of the Report under 'Recommendations'.
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.

DISTRIBUTION BOARD DETAILS

| | | | | | |
|---------------------------|------------------|-----------|-------------------------|----------------|---------------------------------|
| DB reference | DB1 | Location | Hallway cupboard | Supplied from | Main intake |
| Zdb | 0.24 Ω | lpf | 16 kA | Phase sequence | N/A |
| Distribution circuit OCPD | BS (EN) 60898 | TYPE B | RATING/SETTING 100 A | Confirmed | Correct polarity: ✓ |
| SPD Details | T1 X | T2 ✓ | T3 X | SPD | Operational status confirmed: ✓ |

CIRCUIT DETAILS

| Circuit number | Circuit description | Type of wiring | Ref. method | No. of points served | Number & size | | Overcurrent protective device | | | RCD | | | | | Continuity (Ω) | | | | Insulation resistance | | | RCD | | | AFDD | | | |
|----------------|---------------------------|----------------|-------------|----------------------|-------------------------|------------------------|-------------------------------|------|------------|--------------------|-------------|---------|------|----------|----------------|--------------------|---------|-----------|-----------------------|------------------|-------------|--------------|---------|----------|------|-----------------|----------|---------------|
| | | | | | Live (mm ²) | cpc (mm ²) | BS (EN) | Type | Rating (A) | Breaking cap. (kA) | Max. Zs (Ω) | BS (EN) | Type | IΔn (mA) | Rating (A) | Ring final circuit | | r1 (line) | rn (neutral) | Test voltage (V) | Live - Live | Live - Earth | Zs (Ω) | Polarity | | Disc. time (ms) | Test btn | |
| | | | | | | | | | | | | | | | | r2 (cpc) | (R1+R2) | | | | | | | | | | | (R1+R2) or R2 |
| 1 | Lighting - Ground Floor | A | C | 8 | 1.5 mm ² | 1.0 mm ² | 60898 | B | 6 A | 6 kA | 6.13 Ω | 61008 | A | 30 mA | 63 A | 0.82 Ω | 1.24 Ω | N/A | 0.42 Ω | 0.44 Ω | 500 V | >200 MΩ | >200 MΩ | 0.68 Ω | ✓ | 18 ms | ✓ | X |
| 2 | Lighting - First Floor | A | C | 6 | 1.5 mm ² | 1.0 mm ² | 60898 | B | 6 A | 6 kA | 6.13 Ω | 61008 | A | 30 mA | 63 A | 0.76 Ω | 1.14 Ω | N/A | 0.38 Ω | 0.40 Ω | 500 V | >200 MΩ | >200 MΩ | 0.62 Ω | ✓ | 19 ms | ✓ | X |
| 3 | Ring Final - Ground Floor | A | C | 12 | 2.5 mm ² | 1.5 mm ² | 60898 | B | 32 A | 10 kA | 1.15 Ω | 61008 | A | 30 mA | 63 A | 0.56 Ω | 0.84 Ω | N/A | 0.28 Ω | 0.30 Ω | 500 V | >200 MΩ | >200 MΩ | 0.48 Ω | ✓ | 22 ms | ✓ | X |
| 4 | Ring Final - First Floor | A | C | 10 | 2.5 mm ² | 1.5 mm ² | 60898 | B | 32 A | 10 kA | 1.15 Ω | 61008 | A | 30 mA | 63 A | 0.62 Ω | 0.94 Ω | N/A | 0.32 Ω | 0.34 Ω | 500 V | >200 MΩ | >200 MΩ | 0.52 Ω | ✓ | 20 ms | ✓ | X |
| 5 | Cooker | A | C | 1 | 6.0 mm ² | 2.5 mm ² | 60898 | B | 32 A | 10 kA | 1.15 Ω | N/A | N/A | N/A | N/A | 0.36 Ω | 0.54 Ω | N/A | 0.18 Ω | 0.20 Ω | 500 V | >200 MΩ | >200 MΩ | 0.42 Ω | ✓ | N/A | X | X |
| 6 | Electric Shower | A | C | 1 | 10.0 mm ² | 4.0 mm ² | 60898 | B | 40 A | 10 kA | 0.92 Ω | 61008 | A | 30 mA | 63 A | 0.28 Ω | 0.42 Ω | N/A | 0.14 Ω | 0.16 Ω | 500 V | >200 MΩ | >200 MΩ | 0.38 Ω | ✓ | 16 ms | ✓ | X |

Codes for types of wiring

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

DETAILS OF TEST INSTRUMENTS USED (SERIAL AND/OR ASSET NUMBERS)

| | | | | | |
|----------------------------|----------------------------|------------|----------------------------|----------------------------|----------------------------|
| Multifunction | Megger MFT1741+ S/N 394857 | Continuity | Megger MFT1741+ S/N 394857 | Insulation resistance | Megger MFT1741+ S/N 394857 |
| Earth fault loop impedance | Megger MFT1741+ S/N 394857 | RCD | Megger MFT1741+ S/N 394857 | Earth electrode resistance | Megger DET3TC S/N 285714 |

TESTED BY

| | |
|--|---------------------------|
| SIGNATURE <i>I Inspector</i> IAN INSPECTOR | DATE 22/03/2026 |
|--|---------------------------|