

DOMESTIC ELECTRICAL INSTALLATION PERIODIC INSPECTION REPORT

(For A Single Dwelling)

Certificate Reference:

0001324

| A. DETAILS OF THE CLIENT | | B. ADDRESS AND DETAILS OF THE INSTALLATION | | | | |
|--------------------------|-------------------------------------|--|-----------------------|---|-----|---|
| Client: | Allgrove Ltd | Installation: | 171 Alma Road | Estimated age of electrical installation: | 20 | years |
| Address: | 20 Ridgeway Broadstone Dorset | Address: | Winton Bournemouth | Evidence of alterations or additions: | | if yes, estimated age: <input type="text"/> years |
| Postcode: | BH18 8EA | Postcode: | | Date of previous inspection: | N/A | Installation Cert number: N/A |
| | | | | Records of installation available: | N/A | Records held by: N/A |

| C. PURPOSE OF THE REPORT | |
|--|-----------------|
| Purpose for which this report is required: | Property Rented |

| D. EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING | | | |
|---|--------------|--|-------------------|
| Extent of the electrical installation covered by this report: | Fixed Wiring | Agreed limitations, if any, of the inspection and testing: | No L-N IR testing |

| E. 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 (see B), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see G) and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection and testing (see D). | | | | | | | |
| I/We further declare that in my/our judgement, the said installation was overall in <input type="text" value="an unsatisfactory"/> condition (see H) at the time the inspection was carried out, and that it should be further inspected as recommended (see I). | | | | | | | |
| INSPECTION, TESTING AND ASSESSMENT BY: | | | | | | | |
| Name: | LEE IRELAND | Position: | Engineer | Signature: | | Date: | 16/12/2008 |
| REPORT REVIEWED AND CONFIRMED BY: | | | | | | | |
| Name: | PAUL HEWETT | Position: | Director | Signature: | | Date: | 16/12/2008 |

| F. DETAILS OF THE ELECTRICAL CONTRACTOR | | | |
|---|--|----------------------|------------------|
| Trading Title: | HIGHLIGHT ELECTRICAL LTD | Registration Number: | Nic Eic 031852 / |
| Address: | 37 Chigwell road Queens Park Bournemouth | Telephone Number: | |
| Postcode: | BH8 9HW | | |

Notes: 1) The Domestic Periodic Inspection Report must be used only for reporting on the condition on an existing installation.
2) The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected.

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| System Type(s) | Number and Type of Live Conductors | Nature of Supply Parameters | Characteristics of Primary Supply Overcurrent Protective Device(s) |
|--|---|--|--|
| TN-S <input checked="" type="checkbox"/> | 1-phase (2 wire): <input checked="" type="checkbox"/> | Nominal voltage(s): U: 240 V | BS(EN): 88 Fuse HRC |
| TN-C-S N/A | 1-phase (3 wire): N/A | Nominal frequency, f: 50 Hz | Type: |
| | 3-phase (3 wire): N/A | External earth fault loop impedance, Z_e : 0.69 Ω | Rated current: 100 A |
| | 3-phase (4 wire): N/A | Prospective fault current, I_{pf} : 0.35 kA | Short-circuit capacity: 80 kA |
| TT N/A | Other: N/A | | |

PARTICULARS OF INSTALLATION AT THE ORIGIN

| Means of Earthing | Details of Installation Earth Electrode (where applicable) |
|---|--|
| Distributor's facility: <input checked="" type="checkbox"/> | Type: N/A |
| Installation earth electrode: N/A | Location: N/A |
| | Electrode resistance, R_A : N/A Ω |
| | Method of measurement: N/A |

| Main Switch or Circuit-Breaker | | Earthing and Protective Bonding Conductors | |
|---|------------------------------|---|--|
| Type BS(EN): 5419 Isolator | Voltage rating: 240 V | Earthing conductor | |
| Number of poles: 2 | Rated current, I_n : 100 A | Conductor material: Copper | Conductor csa: 16 mm ² Continuity check: <input checked="" type="checkbox"/> |
| Supply conductors material: Copper | RCD operating current: 30 mA | Main protective bonding conductors | |
| Supply conductors csa: 16 mm ² | RCD operating time: N/A ms | Conductor material: Copper | Conductor csa: 10 mm ² Continuity check: <input checked="" type="checkbox"/> |
| | | Bonding of extraneous-conductive parts | |
| | | Water service: <input checked="" type="checkbox"/> Gas service: <input checked="" type="checkbox"/> Oil service: <input type="checkbox"/> | Lightning protection: <input type="checkbox"/> Structural Steel: <input type="checkbox"/> Other services: <input type="checkbox"/> |

SCHEDULE OF ITEMS INSPECTED

| Methods of protection against electric shock | Electrical Separation | Identification (Continued) | Cables and conductors (Continued) |
|--|--|--|---|
| Basic and fault protection: SELV <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Provided for one item of current-using equipment | <input checked="" type="checkbox"/> Presence of other warning notices, including presence of mixed wiring colours | <input checked="" type="checkbox"/> Connection of conductors |
| Double or reinforced insulation: <input checked="" type="checkbox"/> Double or Reinforced Insulation | Additional protection: | <input checked="" type="checkbox"/> Labelling of protective devices, switches and terminals | <input checked="" type="checkbox"/> Presence of fire barriers, suitable seals and protection against thermal effects |
| Basic protection: <input checked="" type="checkbox"/> Insulation of live parts | <input checked="" type="checkbox"/> Presence of residual current device(s) | <input checked="" type="checkbox"/> Identification of conductors | General |
| <input checked="" type="checkbox"/> Barriers or enclosures | <input checked="" type="checkbox"/> Presence of supplementary bonding conductors | Cables and conductors | <input checked="" type="checkbox"/> Presence and correct location of appropriate devices for isolation and switching |
| Fault protection: | Prevention of mutual detrimental influence | <input checked="" type="checkbox"/> Selection of conductors for current carrying capacity and voltage drop | <input checked="" type="checkbox"/> Adequacy of access to switchgear and other equipment |
| Automatic disconnection of supply | <input checked="" type="checkbox"/> Proximity of non-electrical services and other influences | N/A | <input checked="" type="checkbox"/> Particular protective measures for special installations and locations |
| <input checked="" type="checkbox"/> Presence of earthing conductor | <input checked="" type="checkbox"/> Segregation of Band I and Band II circuits or use of Band II insulation | <input checked="" type="checkbox"/> Routing of cables in prescribed zones or within mechanical protection | <input checked="" type="checkbox"/> Connection of single-pole devices for protection or switching in line conductors only |
| <input checked="" type="checkbox"/> Presence of circuit protective conductors | <input checked="" type="checkbox"/> Segregation of safety circuits | <input checked="" type="checkbox"/> Cables incorporating earthed armour or sheath, or run within an earthed wiring system, or otherwise adequately protected against nails, screws and the like | <input checked="" type="checkbox"/> Correct connection of accessories and equipment |
| <input checked="" type="checkbox"/> Presence of main protective bonding conductors | Identification | <input checked="" type="checkbox"/> Additional protection provided by 30mA RCD for cables in concealed walls (where required in premises not under the supervision of skilled or instructed persons) | <input checked="" type="checkbox"/> Selection of equipment and protective measures appropriate to external influences |
| <input checked="" type="checkbox"/> Choice and setting of protective and monitoring devices (for fault protection and/or overcurrent protection) | <input checked="" type="checkbox"/> Presence of diagrams, instructions, circuit charts and similar information | | <input checked="" type="checkbox"/> Selection of appropriate functional switching devices |
| | <input checked="" type="checkbox"/> Presence of danger notices | | |

SCHEDULE OF ITEMS TESTED

| | | | |
|--|---|---|---|
| <input checked="" type="checkbox"/> External earth fault loop impedance, Z_e | <input checked="" type="checkbox"/> Continuity of ring final circuit conductors | <input checked="" type="checkbox"/> Polarity | <input checked="" type="checkbox"/> Operation of residual current device(s) |
| N/A | <input checked="" type="checkbox"/> Installation earth electrode resistance, R_A | <input checked="" type="checkbox"/> Earth fault loop impedance, Z_s | <input checked="" type="checkbox"/> Functional testing of assemblies |
| <input checked="" type="checkbox"/> Continuity of protective conductors | <input checked="" type="checkbox"/> Insulation resistance between live conductors | N/A | <input checked="" type="checkbox"/> Verification of voltage drop |
| | <input checked="" type="checkbox"/> Insulation resistance between live conductors and earth | | |

DOMESTIC PERIODIC INSPECTION REPORT FOR AN ELECTRICAL INSTALLATION

GUIDANCE FOR RECIPIENT (to be appended to the Certificate)

This Periodic Inspection Report form is intended for reporting on the condition of an existing electrical installation.

You should have received an original Report and the contractor should have retained a duplicate. If you were the person ordering this Report, but not the owner of the installation, you should pass this Report, or a copy of it, immediately to the owner.

The original Report is to be retained in a safe place and be shown to any person inspecting or undertaking work on the electrical installation in the future. If you later vacate the property, this Report will provide the new owner with details of the condition of the electrical installation at the time the Report was issued.

The 'Extent and Limitations' box should fully identify the extent of the installation covered by this Report and any limitations on the inspection and test. The contractor should agree these aspects with you and with any other interested parties (Licensing Authority, Insurance Company, Building Society, etc) before the inspection was carried out.

The Report will usually contain a list of recommended actions necessary to bring the installation up to the current standard. **For items classified as 'requires urgent attention', the safety of those using the installation may be at risk**, and it is recommended that a competent person undertakes the necessary remedial work without delay.

For safety reasons, the electrical installation will need to be re-inspected at appropriate intervals by a competent person. The maximum time interval recommended before the next inspection is stated in the Report under 'Next Inspection'.

This Certificate is only valid if a Schedule of Inspections and Schedule of Test Results are appended.