

DOMESTIC ELECTRICAL INSTALLATION PERIODIC INSPECTION REPORT (FOR A SINGLE DWELLING)



IMPORTANT HOUSEHOLDER INFORMATION

This Safety Certificate is an important and valuable document which should be retained for future reference

ELECSA
REGISTRATION
NUMBER

31226

CERTIFICATE
NUMBER

0024

A. DETAILS OF THE CLIENT

Client's Name and Address

MR J. ALLGROVE
20 RIDGEWAY
BROADSTONE
POOLE BH18 9EA

B. PARTICULARS OF THE CONTRACTOR

SPARK-RITE
11 RICHMOND HEIGHTS
7 DEAN PARK RD
BOURNEMOUTH BH1 1HU

C. ADDRESS AND DETAILS OF THE INSTALLATION

Installation Address

113 BRASSEY RD
WINTON
BOURNEMOUTH

Estimated age of the electrical installation years

Evidence of alterations or additions YES Estimated age years

Date of previous inspection if known

Electrical Installation Certificate Number or previous Periodic Inspection Report number

Records of installation available YES Records held by

D. PURPOSE OF THE REPORT

LANDLORDS SAFETY CHECK

E. EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report

ALL FIXED INTERNAL WIRING

Agreed limitations, if any, of the inspection and testing

NONE - BOILER CIRCUIT UNABLE TO TEST (NOT ACCESSABLE)

This inspection has been carried out in accordance with BS7671:2008 amended to (date JULY 2008). Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in roof spaces and generally within the fabric of the building or underground have not been inspected.

F. SUMMARY OF THE INSPECTION

General condition of the installation (continue with additional pages, which must be marked with Domestic Periodic Inspection Report serial number and page numbers)

Good.

G. DECLARATION

I, being the person responsible (as indicated by my signature below) for this report, particulars of which are set out 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, provides an accurate assessment of the condition of the electrical installation, taking into account the stated extent of the installation and the limitation of the inspection and testing.

I further declare that the installation was in overall condition at the time of the inspection and that it should be further inspected as recommended
Satisfactory/Unsatisfactory

For the INSPECTION, TESTING AND ASSESSMENT

Signature

Paul Portnoy

Date

04/08/2011

Name (CAPITALS)

PAUL PORTNOY

Position

ELECTRICIAN

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K. SCHEDULE OF ITEMS INSPECTED

- Methods of protection against electric shock
- Isolation of live parts and Barriers or Enclosures
 - Presence of RCD for additional protection
 - Presence of earthing conductor and circuit protective conductors
 - Presence of protective bonding conductors
 - Use of Class II equipment or equivalent insulation
 - Presence of supplementary bonding conductors if required

Notes

- ✓ to indicate that an inspection has been carried out and the result is satisfactory
- ✗ to indicate that an inspection has been carried out and the result was unsatisfactory
- N/A to that the inspection is not applicable
- UM to indicate that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out

- Prevention of mutual detrimental influences
- Proximity of non-electrical services and other influences
 - Segregation of hand and hand II circuits or hand II insulation used
- Identification**
- Presence of Diagrams, Instructions, circuit charts and similar information
 - Presence of danger notices and other warning notices
 - Labelling of protective devices switches and terminals
 - Identification of conductors
- Cables and conductors**
- Routing of cables in prescribed zones or with mechanical protection
 - Connection of conductors
 - Erection methods
 - Selection of conductors for current-carrying capacity and voltage drop
 - Presence of fire barriers, suitable seals and protection against thermal effects

- Cables and conductors continued
- Additional protection provided by 30mA RCD for cables in concealed walls (where required in premises not under the supervision of a skilled or instructed person)
 - Cables incorporating earthed armour or sheath, or run with an earthed wiring system, or otherwise adequately protected against nails, screws and the like
- General**
- Presence and correct location of appropriate devices for isolation and switching
 - Adequacy of access to switchgear and other equipment
 - Particular protective measures for special installations and locations
 - Connection of single-pole devices for protection or switching in line conductors only
 - Correct connection of accessories and equipment
 - Choice and setting of protective and monitoring devices for protection against fault and/or overcurrent
 - Selection of equipment and protective measures appropriate to external influences
 - Selection of appropriate functional switching devices

L. ADDITIONAL SCHEDULE OF ITEMS INSPECTED (WHERE APPLICABLE)

- Minimization of discharge of energy
- Picking out of reach
- Presence of earthing arrangements for combined protective and functional purposes
- Presence of adequate arrangements for alternative sources(s), where applicable
- Non-conducting location: absence of protective conductors
- Earth-free equipotential bonding: presence of earth-free equipotential bonding conductors
- Electrical separation
- Segregation of safety circuits
- Presence of under-voltage protective devices

Location of consumer unit(s) **HALL CORRIDOR** Designation of consumer unit(s) **V1** Prospective fault current at consumer unit(s) **1008** kA

| Circuit No. | Circuit designation (for Distribution Circuits, insert "0") | Number of Points Served | Circuit conductors: | | | Overcurrent protective devices | | | RCD | | | CIRCUIT IMPEDANCES (Z _s) | | | Insulation resistance | | Maximum measured earth fault loop impedance at t_{in} | RCD operating times at 5 x I _{Δn} if applicable | |
|-------------|---|-------------------------|----------------------|----------------------|-------|--------------------------------|------|--------|------------------------|-----------------------------------|---|--|----------|--------|--|-----------|---|--|------------|
| | | | line mm ² | cpic mm ² | csa | SP | Type | Rating | Short Circuit Capacity | Operating current I _{Δn} | Maximum permitted by BS 7671 (Optional) | Ring final circuits only (measured end to end) | r1 Phase | r2 CPC | All circuits (at least one column to be completed) | Line/Line | | | Line/Earth |
| 1 | COOKER | 1 | 10 | 40 | 60898 | B | 40 | 6 | 30 | 92 | — | — | 29 | N/A | MS | MS | 52 | 242 | 11.5 |
| 2 | SOCKETS DOWN | 13 | 2.5 | 1.5 | " | " | 32 | " | " | 115 | 0.23 | 0.25 | 0.10 | " | " | " | 33 | " | " |
| 3 | SOCKETS UP | 14 | 2.5 | 1.5 | " | " | 16 | " | " | 148 | 0.3 | 0.32 | " | " | " | " | 55 | " | " |
| 4 | BOILER | 1 | 2.5 | 1.5 | " | " | 16 | " | " | 2.3 | — | — | — | " | " | " | 7 | " | " |
| 5 | LIGHTS UPSTAIRS | 24 | 1.5 | 1.0 | " | " | 6 | " | " | 6.13 | — | — | 0.30 | " | " | " | 1.53 | " | " |
| 6 | LIGHTS DOWNSTAIRS | 13 | 1.5 | 1.0 | " | " | 6 | " | " | 6.13 | — | — | 1.00 | " | " | " | 1.23 | " | " |

TEST INSTRUMENTS USED

Serial or Other Reference Number - Insulation Resistance **61559** Continuity **61559** RCD **61559** Loop Impedance **61559** Earth Electrode Resistance **N/A**