

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

0023

A. DETAILS OF THE CLIENT Client's Name and Address

MR J. ALLGROVE, 20 RIGBWAY
 BRADSTONE
 POOLE BH18 8EA

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

163 ALMA RD
 CHARMINSTER
 BOURNEMOUTH BH19 1AG

Estimated age of the electrical installation 20 years

Evidence of alterations or additions YES Estimated age 5 years

Date of previous inspection if known 15/09/06 Electrical Installation Certificate Number or previous Periodic Inspection Report number C832980

Records of installation available YES Records held by CLIENT

D. PURPOSE OF THE REPORT

LANDLORD 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

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 SATISFACTORY 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 [Signature] Date 04/08/2011

Name (CAPITALS) PAUL PERINOS Position ELECTRICIAN

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K. SCHEDULE OF ITEMS INSPECTED

Methods of protection against electric shock

- N/A SEW
- 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
- LIM 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 installation 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 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 trails, 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 protection 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)

- Identification of discharge of energy
- Distances
- Pacing out of reach
- RCD
- 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

INSTALLER DETAILS

Location of consumer unit(s)..... WOOD STAIRS

Designation of consumer unit(s).....

Prospective fault current at consumer unit(s)..... 1.44

INSTALLED CIRCUIT DETAILS

| Circuit No. | Circuit designation (for Distribution Circuits, insert 'B') | Number of Points Served | Circuit conductors: | | | BS EN | Overcurrent protective devices | | RCD | CIRCUIT IMPEDANCES (Z) | | | Insulation resistance | | RCD operating times at I _{Δn} | Maximum measured earth fault loop impedance Z _s | RCD operating times at 5 x I _{Δn} if applicable | |
|-------------|---|-------------------------|----------------------|---------------------|-------|-------|--------------------------------|--------|-----|------------------------|---------------------------------|---|--|--------|--|--|--|---------|
| | | | Line mm ² | CPC mm ² | CSA | | Type No. | Rating | | Short Circuit Capacity | Opening current I _{Δn} | Maximum Z permitted by BS 7871 (optional) | Loop final circuits only (measured end to end) | r2 CPC | | | | R1 + R2 |
| 1. | COOKER | 1 | 6.0 | 15 | 60898 | B | 32 | 6 | N/A | 15 | — | — | — | 0.11 | N/A | 0.27 | N/A | N/A |
| 2. | ALARM | 1 | 1.0 | 1.0 | " | B | 6 | 6 | N/A | 6.13 | — | — | — | 0.05 | " | 0.21 | N/A | N/A |
| 3. | LIGHTS UP + SMOKE | 19 | 1.0 | 1.0 | 61009 | B | 6 | 6 | 30 | 6.13 | — | — | — | 1.05 | " | 1.21 | 186 | 18.4 |
| 4. | LIGHTS DOWN | 13 | 1.0 | 1.0 | 60898 | B | 6 | 6 | N/A | 6.13 | — | — | — | 1.02 | " | 1.18 | N/A | N/A |
| 5. | SPACE | | | | | | | | | | | | | | | | | |
| 6. | KITCHEN SOCKETS | 7 | 2.5 | 15 | " | B | 32 | 6 | 30 | 115 | 0.39 | 0.40 | 0.56 | 0.21 | " | 0.37 | 35.5 | 11.6 |
| 7. | LIFTS SOCKETS | 8 | 2.5 | 15 | " | B | 32 | 6 | 30 | 115 | 0.49 | 0.44 | 1.01 | 0.45 | " | 0.51 | " | " |
| 8. | DOWNSTAIRS SOCKETS | 6 | 2.5 | 15 | " | B | 32 | 6 | 30 | 115 | 0.19 | 0.15 | 0.29 | 0.17 | " | 0.33 | " | " |

TEST INSTRUMENTS USED

Serial or Other Reference Number - Insulation Resistance

6.1559

Continuity

6.1559

RCD

6.1559

Loop Impedance

6.1559

Earth Electrode Resistance

N/A