



APPROVED CONTRACTOR

This safety certificate is an important and valuable document which should be retained for future reference

DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with *British Standard 7671 - Requirements for Electrical Installations* by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX

This certificate is not valid if the serial number has been defaced or altered
DCN6/ 0605376

DETAILS OF THE CLIENT

Client and address

MR. M. WOOLMAN
15 GOLDEN DELL
WELWYN GARDEN CITY
HERFORDSHIRE

Postcode **AL7 4EE**

DETAILS OF THE INSTALLATION

Extent of the installation work covered by this certificate

NEW FUSEBOARD TESTING OF ALL CIRCUITS

The installation is
New
An addition
An alteration

DESIGN, CONSTRUCTION, INSPECTION AND TESTING

I/we, being the person(s) responsible for the design, construction, inspection and testing of the electrical installation (as indicated by my/our signature adjacent), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction, inspection and testing, hereby CERTIFY that the said work for which I/we have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671, **2008** amended to **2013** (date) except for the departures, if any, detailed as follows:
Details of departures from BS 7671, as amended (Regulations 120.3, 133.5)

NONE

PARTICULARS OF THE APPROVED CONTRACTOR

Trading title

SMITH ELECTRICAL CONTRACTORS LTD

Address

**19 EPWORTH ROAD
ROTSNEATH
WANTS**

Telephone No **0780442220**

Postcode **BD2 0HD**

NICEIC Enrolment No **035614**
(Essential information)

Branch No **N/A**
(if applicable)

ADDRESS OF THE INSTALLATION

Installation address

**44 LEOPARD STREET
SOUTHSEA
WANTS**

Postcode **PO4 0SZ**

The extent of liability of the signatory is limited to the work described above as the subject of this certificate. For the **DESIGN**, the **CONSTRUCTION** and the **INSPECTION AND TESTING** of the installation

Signature

S. Smith

Name (CAPITALS)

S. SMITH

Date

26-8-13

Signature

S. Smith

Name (CAPITALS)

S. SMITH

Date

26-8-13

NEXT INSPECTION

§ Enter interval in terms of years, months or weeks, as appropriate

I RECOMMEND that this installation is further inspected and tested after an interval of not more than **5 years**

COMMENTS ON EXISTING INSTALLATION

Note: Enter 'NONE' or, where appropriate, the page number(s) of additional page(s) of comments on the existing installation

NONE

In the case of an alteration or additions see Section 633 of BS 7671

SCHEDULE OF ADDITIONAL RECORDS*

See attached schedule

N/A

*Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s)
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Please see the 'Notes for Recipients' on the reverse of this page.



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SUPPLY CHARACTERISTICS

Tick boxes and enter details, as appropriate		Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one supply, record the higher or highest values	
System type(s)	Number and type of live conductors	Nature of supply parameters	Characteristics of primary supply overcurrent protective device(s)
<input checked="" type="checkbox"/> TN-S <input type="checkbox"/> TN-C-S <input type="checkbox"/> TT	<input checked="" type="checkbox"/> 1-phase (2-wire) <input type="checkbox"/> 3-phase (3-wire) Other <input type="checkbox"/> Phase state	Number of sources: 1 Nominal voltage(s) $U_0^{(1)}$: 230 V $U_0^{(1)}$: 230 V Prospective fault current, $I_{pf}^{(2)}$: 0.951 kA Nominal frequency, $f^{(3)}$: 50 Hz External earth fault loop impedance, $Z_e^{(3)}$: 0.25 Ω Prospective fault current, $I_{pf}^{(3)}$: N/A kA	BS(EN) Type: 1361 Short-circuit capacity: 80 kA Confirmation of polarity: <input checked="" type="checkbox"/>
PARTICULARS OF INSTALLATION AT THE ORIGIN		Tick boxes and enter details, as appropriate	
Means of earthing	Details of installation earth electrode (where applicable)	Measured Z_e : 0.25 Ω	Main switch or circuit-breaker
Distributor's facility: <input checked="" type="checkbox"/> Installation earth electrode: N/A	Type (eg rods, tape etc): N/A Electrode resistance, R_A : N/A Ω	Protective measure(s) for fault protection: ADS Maximum demand (Load): 100 Amps Number of smoke alarms: 0 Gas service: <input checked="" type="checkbox"/>	Type BS(EN): 60147-3 Voltage rating: 230V No of poles: 2 Rated current, I_n : 100 A
Earthing conductor: Conductor material: COPPER Conductor csa: 16.0 mm ² connection verified	Continuity/connection verified: <input checked="" type="checkbox"/>	Method of measurement: N/A Main protective bonding conductors and bonding of extraneous-conductive-parts (✓)	Supply conductors material: COPPER Supply conductors csa: 25.0 mm ² RCD operating time (at $I_{\Delta n}$): — ms

SCHEDULE OF ITEMS INSPECTED

See note below

Protective measures against electric shock Basic and fault protection Extra-low voltage Double or reinforced insulation <input checked="" type="checkbox"/> SELV <input checked="" type="checkbox"/> Double or reinforced insulation Basic protection <input checked="" type="checkbox"/> Insulation of live parts <input checked="" type="checkbox"/> Barriers or enclosures Fault protection Automatic disconnection of supply <input checked="" type="checkbox"/> Presence of earthing conductor <input checked="" type="checkbox"/> Presence of circuit protective conductors <input checked="" type="checkbox"/> Presence of main protective bonding conductors <input checked="" type="checkbox"/> Presence of adequate arrangements for other source(s), where applicable <input checked="" type="checkbox"/> Choice and setting of protective devices (for fault protection and/or overcurrent) Electrical separation <input checked="" type="checkbox"/> For one item of current-using equipment	Additional protection <input checked="" type="checkbox"/> Presence of residual current device(s) <input checked="" type="checkbox"/> Presence of supplementary bonding conductors Prevention of mutual detrimental influence <input checked="" type="checkbox"/> Proximity of non-electrical services and other influences <input checked="" type="checkbox"/> Segregation of Band I and Band II circuits or Band II insulation used <input checked="" type="checkbox"/> Segregation of safety circuits Identification <input checked="" type="checkbox"/> Presence of diagrams, instructions, circuit charts and similar information <input checked="" type="checkbox"/> Presence of danger notices <input checked="" type="checkbox"/> Presence of other warning notices, including presence of mixed wiring colours <input checked="" type="checkbox"/> Labelling of protective devices, switches and terminals <input checked="" type="checkbox"/> Identification of conductors Cables and conductors <input checked="" type="checkbox"/> Selection of conductors for current-carrying capacity and voltage drop <input checked="" type="checkbox"/> Erection methods	Cables and conductors (cont) <input checked="" type="checkbox"/> Routing of cables in prescribed zones <input checked="" type="checkbox"/> Cables incorporating earthed armour or sheath, or run in an earthed wiring system, or otherwise adequately protected against nails, screws and the like <input checked="" type="checkbox"/> Additional protection by 30 mA RCD (where required, in premises not under the supervision of a skilled or instructed person) <input checked="" type="checkbox"/> Connection of conductors <input checked="" type="checkbox"/> Presence of fire barriers, suitable seals and protection against thermal effects General <input checked="" type="checkbox"/> Presence and correct location of appropriate devices for isolation and switching <input checked="" type="checkbox"/> Adequacy of access to switchgear and other equipment <input checked="" type="checkbox"/> Particular protective measures for special installations and locations <input checked="" type="checkbox"/> Connection of single-pole devices for protection or switching in line conductors only <input checked="" type="checkbox"/> Correct connection of accessories and equipment <input checked="" type="checkbox"/> Selection of equipment and protective measures appropriate to external influences <input checked="" type="checkbox"/> Selection of appropriate functional switching devices	SCHEDULE OF ITEMS TESTED <input checked="" type="checkbox"/> External earth fault loop impedance, Z_e <input checked="" type="checkbox"/> Installation earth electrode resistance, R_A <input checked="" type="checkbox"/> Continuity of protective conductors <input checked="" type="checkbox"/> Continuity of ring final circuit conductors <input checked="" type="checkbox"/> Insulation resistance between live conductors <input checked="" type="checkbox"/> Insulation resistance between live conductors and earth <input checked="" type="checkbox"/> Polarity <input checked="" type="checkbox"/> Earth fault loop impedance, Z_s <input checked="" type="checkbox"/> Verification of phase sequence <input checked="" type="checkbox"/> Operation of residual current device(s) <input checked="" type="checkbox"/> Functional testing of assemblies <input checked="" type="checkbox"/> Verification of voltage drop
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All boxes must be completed. ✓ indicates that an inspection or a test was carried out and that the result was satisfactory. N/A indicates that an inspection or test was not applicable to the particular installation.
 † Where a smoke alarm has been installed, separate certification is required on the appropriate form.
 This certificate is based on the model form shown in Appendix 6 of BS 7671.
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Original (To the person ordering the work)

