

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

Original (To the person ordering the work)

## DETAILS OF THE CLIENT

Client and address  
Mrs G Middleditch  
3 St Mary's Close  
Wymeswold  
Loughborough

Postcode: LE12 6TH

## ADDRESS OF THE INSTALLATION

Installation address  
260 Alan Moss Road  
Loughborough

Postcode: LE11 4NA

## DETAILS OF THE INSTALLATION

Extent of the installation work covered by this certificate  
Rectification works from Domestic Electrical Installation Condition Report DPN5/0382432

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 signatures 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 2011 except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 1203,133.5)

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  Name (CAPITALS) JASON HALL Date 09/08/2013

### The results of the inspection and testing reviewed by the Qualified Supervisor

Signature  Name (CAPITALS) JASON HALL Date 09/08/2013

## PARTICULARS OF THE APPROVED CONTRACTOR

Trading Title  
JH Electrical Contracting Ltd

Address  
5 Russ Close  
Quorn  
Loughborough  
Leicestershire



Telephone No: 01509 557582

Postcode: LE12 8NG

NICEIC Enrolment No 027209  
(Essential information)

Branch No  
(if applicable)

## 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

Main Connection on Lead Sheath requires replacement. Earth Bonding Clamp Used.

In the case of an alteration or additions see section 633 of BS7671

## SCHEDULE OF ADDITIONAL RECORDS\*

See attached schedule

\* Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s). This form is based on the model shown in Appendix 6 of BS 7671 (as amended).  
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Please see the 'Notes for Recipients' on the reverse of this page.

# DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Original (To the person ordering the work)

SUPPLY CHARACTERISTICS				Nature of supply parameters				Characteristics of primary supply overcurrent protective device(s)							
System type(s)				Number and type of live conductors				Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one supply, record the higher or highest values							
TN-S	<input checked="" type="checkbox"/>	1-phase (2 wire)	<input checked="" type="checkbox"/>	1-phase (3 wire)	N/A	Number of sources	1	Nominal voltage(s) U <sup>(1)</sup>	230 V	Nominal frequency, f <sup>(1)</sup>	50 Hz	BS(EN)	BS 88 Fuse HRC gG(General)		
TN-C-S	N/A	3-phase (3 wire)	N/A	3-phase (4 wire)	N/A			U <sub>0</sub> <sup>(1)</sup>	400 V	External earth fault loop impedance, Z <sub>e</sub> <sup>(1)</sup>	0.23 Ω	Type	gG		
TT	N/A	Other	Please state			Single-phase	Prospective fault current, I <sub>pf</sub> <sup>(2)(3)</sup>	1.0 kA	3-phase	Prospective fault current, I <sub>pf</sub> <sup>(2)(3)</sup>		Rated current	60 A	Short-circuit capacity	16.5 kA

PARTICULARS OF INSTALLATION AT THE ORIGIN										Main switch or circuit breaker																	
Means of earthing		Details of installation earth electrode (where applicable)						Protective measures for fault protection		Measured Z <sub>e</sub>		Type BS(EN)		Voltage rating													
Distributor's facility	<input checked="" type="checkbox"/>	Type (eg rod(s), tape etc)				Location				Maximum demand load	40 Amps		BS EN 60947-3	230 V													
Installation earth electrode	N/A	Electrode resistance, R <sub>A</sub>	Ω			Method of measurement				Number of smoke alarms	3		No of poles	2		Rated current, I <sub>n</sub>	100 A										
Earthing conductor				Main protective bonding conductors and bonding of extraneous parts (✓)																							
Conductor material	Copper			Continuity verified	N/A			Conductor material	Copper			Conductor csa	16 mm <sup>2</sup>			Water service	<input checked="" type="checkbox"/>			Oil Service	N/A			Gas service	<input checked="" type="checkbox"/>		
Conductor csa	25 mm <sup>2</sup>			Continuity verified	N/A (✓)			Location (where not obvious)				Structural steel	N/A			Other incoming service(s)	N/A			Supply conductors material	Copper			RCD operating current, I <sub>Δn</sub> *			
																				Supply conductors csa	25 mm <sup>2</sup>			RCD operating time (at I <sub>Δn</sub> )*			

\* applicable only where an RCD is used as a main circuit-breaker

SCHEDULE OF ITEMS INSPECTED	Additional protection	Cables and conductors (cont)
<b>Protective measures against electric shock</b> <b>Basic and fault protection</b> Extra low voltage Double or reinforced insulation N/A SELV N/A Double or reinforced insulation <b>Basic protection</b> <input checked="" type="checkbox"/> Insulation of live parts <input checked="" type="checkbox"/> Barriers or enclosures <b>Fault protection</b> <b>Automatic disconnection of supply</b> <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 N/A 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) <b>Electrical separation</b> N/A For one item of current-using equipment	<input checked="" type="checkbox"/> Presence of residual current device(s) <input checked="" type="checkbox"/> Presence of supplementary bonding conductors <b>Prevention of mutual detrimental influence</b> <input checked="" type="checkbox"/> Proximity of non-electrical services and other influences <input checked="" type="checkbox"/> Segregation of Band I and Band II circuits of Band II insulation used N/A Segregation of safety circuits <b>Identification</b> <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 <b>Cables and conductors</b> <input checked="" type="checkbox"/> Selection of conductors for current carrying capacity and voltage drop <input checked="" type="checkbox"/> Erection methods	<input checked="" type="checkbox"/> Routing of cables in prescribed zones <input checked="" type="checkbox"/> Cables incorporating earthing armour or sheath or run in an earthed wiring system, or otherwise protected against nails, screws and the like <input checked="" type="checkbox"/> Additional protection by 30mA RCD (where required, in premises not under the supervision of skilled or instructed persons) <input checked="" type="checkbox"/> Connection of conductors <input checked="" type="checkbox"/> Presence of fire barriers, suitable seals and protection against thermal effects <b>General</b> <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 connections 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 <sub>e</sub>
N/A Installation earth electrode resistance, R <sub>A</sub>
<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 <sub>s</sub>
N/A 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

† 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 a test was not applicable to the particular installation.  
 ‡ Where a smoke alarm has been installed, separate certification is required on the appropriate form.

