

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
CHRIS WILBY
 19 GRASSCROFT ROAD
 MARSH
 HUDDERSFIELD

Postcode: HD1 4IP

ADDRESS OF THE INSTALLATION

Installation address
 19 GRASSCROFT ROAD
 MARSH
 HUDDERSFIELD

Postcode: HD1 4IP

DETAILS OF THE INSTALLATION

Extent of the installation work covered by this certificate
 CIRCUITS AS LISTED


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, JANUARY amended 2013 except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 1203,133.5)
 NONE

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) **MATHEW DARRINGTON** Date **23/08/2013**

Signature  Name (CAPITALS) **MARK HORSMAN** Date **23/08/2013**

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

PARTICULARS OF THE APPROVED CONTRACTOR

Trading Title **KTM Electrical & Son Ltd**

Address **31 Primrose Hill
 Batley
 West Yorkshire**



Telephone No: 07703467833 Postcode: WF17 0QA

NICEIC Enrolment No **602292** Branch No **000**
 (Essential information) (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 10 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 BS7671

SCHEDULE OF ADDITIONAL RECORDS* *See attached schedule*

NONE

* 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)

Please see the 'Notes for Recipients' on the reverse of this page.

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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				Number of sources		Nominal voltage(s)		Nominal frequency, f ⁽¹⁾		External earth fault loop impedance, Z _e ⁽¹⁾		BS(EN)		Type		Rated current		Short-circuit capacity	
TN-S	N/A	1-phase (2 wire)	✓	1-phase (3 wire)	N/A	1	230	V	50	Hz	BS(EN)	BS 1361	Fuse	HBC	Domestic	Type 2	100	A	36	kA			
TN-C-S	✓	3-phase (3 wire)	N/A	3-phase (4 wire)	N/A		230	V															
TT	N/A	Other	Please state			Single-phase	Prospective fault current, I _p ⁽²⁾⁽³⁾	2.85	kA	3-phase	Prospective fault current, I _p ⁽²⁾⁽³⁾												

PARTICULARS OF INSTALLATION AT THE ORIGIN										Main switch or circuit breaker					
Means of earthing		Details of installation earth electrode (where applicable)				Measured Z _e		Maximum demand load		Type BS(EN)		Voltage rating			
Distributor's facility	✓	Type (eg rods, tape etc)		Location		0.08	Ω	100	Amps	BS(EN)	BS EN 60947-	230	V		
Installation earth electrode	N/A	Electrode resistance, R _A	Ω	Method of measurement						No of poles	2	Rated current, I _n	100	A	
Earthing conductor		Main protective bonding conductors and bonding of extraneous parts (-)				Number of smoke alarms		RCD operating current, I _{Δn} *		Supply conductors material		RCD operating time (at I _{Δn})*			
Conductor material	Copper	Conductor material	Copper	Conductor csa	10.0	mm ²	Water service	✓	Oil Service	N/A	Gas service	✓	Copper	NA	ms
Conductor csa	16.0	Continuity verified	✓ (✓)	Location (where not obvious)			Structural steel	N/A	Other incoming service(s)	N/A			16.0	mm ²	NA

SCHEDULE OF ITEMS INSPECTED		Additional protection		Cables and conductors (cont)		SCHEDULE OF ITEMS TESTED	
Protective measures against electric shock		✓ Presence of residual current device(s)		✓ Routing of cables in prescribed zones		✓ External earth fault loop impedance, Z _e	
Basic and fault protection		✓ Presence of supplementary bonding conductors		Cables incorporating earthing armour or sheath or run in an earthed wiring system or otherwise protected against nails, screws and the like		N/A Installation earth electrode resistance, R _A	
Extra low voltage		Prevention of mutual detrimental influence		Additional protection by 30mA RCD (where required, in premises not under the supervision of skilled or instructed persons)		✓ Continuity of protective conductors	
Double or reinforced insulation		N/A Proximity of non-electrical services and other influences		✓ Connection of conductors		✓ Continuity of ring final circuit conductors	
✓ Double or reinforced insulation		N/A Segregation of Band I and Band II circuits of Band II insulation used		N/A Presence of fire barriers, suitable seals and protection against thermal effects		✓ Insulation resistance between live conductors	
Basic protection		N/A Segregation of safety circuits		General		✓ Insulation resistance between live conductors and earth	
✓ Insulation of live parts		Identification		✓ Presence and correct location of appropriate devices for isolation and switching		✓ Polarity	
✓ Barriers or enclosures		✓ Presence of diagrams, instructions, circuit charts and similar information		✓ Adequacy of access to switchgear and other equipment		✓ Earth fault loop impedance, Z _s	
Fault protection		✓ Presence of danger notices		N/A Particular protective measures for special installations and locations		N/A Verification of phase sequence	
Automatic disconnection of supply		✓ Presence of other warning notices, including presence of mixed wiring colours		✓ Connection of single-pole devices for protection or switching in line conductors only		✓ Operation of residual current device(s)	
✓ Presence of earthing conductor		✓ Labeling of protective devices, switches and terminals		✓ Correct connections of accessories and equipment		✓ Functional testing of assemblies	
✓ Presence of circuit protective conductors		✓ Identification of conductors		N/A Selection of equipment and protective measures appropriate to external influences		✓ Verification of voltage drop	
✓ Presence of main protective bonding conductors		Cables and conductors		✓ Selection of appropriate functional switching devices			
✓ Presence of adequate arrangements for other source(s), where applicable		✓ Selection of conductors for current carrying capacity and voltage drop					
N/A Choice and setting of protective devices (for fault protection and/or overcurrent)		✓ Erection methods					
Electrical separation							
N/A For one item of current-using equipment							

† 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.

