



CERTIFICATE REFERENCE: DCN Sample

# DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

DETAILS OF THE CLIENT		ADDRESS OF THE INSTALLATION	
Client Address	46 RAMSGATE KENT	Installation Address	46 RAMSGATE KENT
Postcode		Postcode	
DETAILS OF THE INSTALLATION		The installation is:	
Extent of the installation work covered by this certificate	All	New	<input checked="" type="checkbox"/>
		Addition	N/A
		Alteration	N/A
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), particulars of which are described above, have 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, 2001 amended to 2004 except for the departures, if any, detailed as follows:		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.	
Details of departures from BS 7671, as amended (Regulations 120-01-03, 120-02): None		Signature <i>A Kinsey</i>	Name ANDREW KINSEY (CAPITALS) Date 18/02/05 0
		The results of the Inspection and Testing reviewed by Qualified supervisor.	
		Signature <i>G Griffiths</i>	Name GEOFF GRIFFITHS (CAPITALS) Date 01/04/05
PARTICULARS OF THE APPROVED CONTRACTOR		NEXT INSPECTION	
Trading Title	Castline Systems	I/We, RECOMMEND that this installation is further inspected after an interval of not more than	3 years
Address	Friday Street Rusper Horsham West Sussex	COMMENTS ON EXISTING INSTALLATION	
Telephone No.	01293 871751	No Comments	
Postcode	RH12 4QA		
C.P.S. registration No (where applicable)	123456	SCHEDULE OF ADDITIONAL RECORDS	
		None	



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SUPPLY CHARACTERISTICS		Tick boxes and enter details as appropriate	
<b>System Type(s)</b> TN-S <input type="checkbox"/> N/A TN-C-S <input checked="" type="checkbox"/> TT <input type="checkbox"/> N/A		<b>Number and type of live conductors</b> 1-phase (2 wire) <input checked="" type="checkbox"/> 1-phase (3 wire) N/A 3-phase (3 wire) N/A 3-phase (4 wire) N/A Other N/A	
		<b>Nature of supply parameters</b> <small>Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one supply, record the higher or highest values</small> Nominal voltage(s) U 230 V (1) U 240 V Nominal frequency 50 Hz (1) Prospective fault current 16 kA (2/3) Ze (1) External earth fault loop impedance: 0.18 Ω	
		<b>Characteristics of primary supply overcurrent protective device(s)</b> BS(EN) BS 1361 Type N/A Nominal current rating 60 A Short circuit capacity 16.5 kA	
PARTICULARS OF INSTALLATION AT THE ORIGIN		Tick boxes and enter details as appropriate	
<b>Means of earthing</b> Distributor's facility YES Installation earth electrode N/A		<b>Details of installation earth electrode (where applicable)</b> type of (eg rod(s) tape etc) N/A Location N/A Electrode resistance Ra N/A Ω Method of measurement EFLT TESTER	
		<b>Measured Ze</b> 0.22 Ω <b>Maximum demand (Load)</b> 60 A per phase <b>Number of smoke alarms</b> 3	
<b>Earthing conductor</b> Conductor material COPPER Conductor csa 16 mm <sup>2</sup> Continuity check <input checked="" type="checkbox"/>		<b>Main equipotential bonding conductors and bonding of extraneous conductive-parts</b> Conductor material COPPER Conductor csa 25 mm <sup>2</sup>	
		Water service <input checked="" type="checkbox"/> Oil service N/A Gas service <input checked="" type="checkbox"/> Structural steel N/A Other incoming service(s) N/A	
		<b>Main switch or circuit-breaker</b> Type BS (EN) BS EN 61009 Voltage rating 240 V No of poles 2 Current rating 100 A Supply conductor material Copper RCD operating current, I <sub>Δn</sub> N/A mA Supply conductor csa 6 mm <sup>2</sup> RCD operating time (at I <sub>Δn</sub> ) <sup>*</sup> N/A ms <small>*Applicable only where an RCD is used as a main switch</small>	
SCHEDULE OF ITEMS INSPECTED		† See note below	
<b>Methods of protection against electric shock:</b> <input checked="" type="checkbox"/> Insulation of live parts and barriers or enclosures <input checked="" type="checkbox"/> Presence of RCD for supplementary protection against direct contact and for protection against indirect contact <input checked="" type="checkbox"/> Presence of earthing conductors and circuit protective conductors <input checked="" type="checkbox"/> Presence of main equipotential bonding conductors <input checked="" type="checkbox"/> Presence of supplementary equipotential bonding conductors <input checked="" type="checkbox"/> Class II rated equipment <input checked="" type="checkbox"/> SELV		<b>Prevention of mutual detrimental influence:</b> <input checked="" type="checkbox"/> Proximity of non-electrical services enclosures 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 <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,	
		<b>Identification (continued):</b> <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"/> Routing of cables in prescribed zones within mechanical protection <input checked="" type="checkbox"/> Connection of conductors <input checked="" type="checkbox"/> Erection methods <input checked="" type="checkbox"/> Selection of conductors for current carrying capacity and voltage drop <input checked="" type="checkbox"/> Presence of fire barriers, suitable seals and protection against thermal effects	
		<b>General:</b> <input checked="" type="checkbox"/> Presence of 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 phase conductors only <input checked="" type="checkbox"/> Correct connection of accessories and equipment <input checked="" type="checkbox"/> Choice and setting of protective and monitoring devices (for protection against indirect contact and/or overcurrent) <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		† See note below	
<input checked="" type="checkbox"/> External earth fault loop impedance, (Ze) <input checked="" type="checkbox"/> Installation earth electrode resistance, (Ra)		<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 <input checked="" type="checkbox"/> Operation of residual current devices <input checked="" type="checkbox"/> Functional testing of assemblies	

† 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. This form is based on the recommendations of Appendix 6 of BS 7671: (as amended)





# ELECTRICAL INSTALLATION CERTIFICATE

## GUIDANCE FOR RECIPIENTS (to be appended to the Certificate)

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed and inspected and tested in accordance with British Standard 7671 (The IEE Wiring Regulations).

You should have received an original certificate and the contractor should have retained a duplicate Certificate. If you were the person ordering the work, but not the user of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the user.

The 'original' certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of British Standard 7671 at the time the certificate was issued. The Construction (Design and Management) Regulations require that for a project covered by those regulations, a copy of this Certificate, together with schedules is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a competent person. The maximum time interval recommended before the next inspection is stated on Page 1 under 'Next Inspection'.

This Certificate is intended to be issued only for a new electrical installation or for new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. A 'Periodic Inspection Report' should be issued for such a periodic inspection.

This Certificate is only valid if a Schedule of Inspections and a Schedule of Test Results are appended.