

DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

DETAILS OF THE CLIENT		ADDRESS OF THE INSTALLATION	
Client Address	<i>46 Carpenters Close Grafton Ramsgate Kent</i>	Installation Address	<i>46 Carpenters Close Grafton Ramsgate Kent</i>
	Postcode <i>RM14 6TP</i>		Postcode <i>RM14 6TP</i>
DETAILS OF THE INSTALLATION		The installation is:	
Extent of the installation work covered by this certificate	<i>All of the installation</i>	New	<input checked="" type="checkbox"/>
		Addition	<i>N/A</i>
		Alteration	<i>N/A</i>
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, <i>2001</i> amended to <i>2004</i> 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): <i>None</i>		Signature _____	Name <i>ANDREW KINSEY</i> (CAPITALS) Date <i>18/02/05 0</i>
		Signature _____	The results of the Inspection and Testing reviewed by Qualified supervisor. Name <i>GEOFF GRIFFITHS</i> (CAPITALS) Date <i>01/04/05</i>
PARTICULARS OF THE APPROVED CONTRACTOR		NEXT INSPECTION	
Trading Title	<i>Castline Systems</i>	I/we, RECOMMEND that this installation is further inspected after an interval of not more than <i>3 years</i>	
Address	<i>Friday Street Rusper Horsham West Sussex</i>	COMMENTS ON EXISTING INSTALLATION	
Telephone No.	<i>01293 871751</i>	<i>No Comments</i>	
Postcode	<i>RH12 4QA</i>	SCHEDULE OF ADDITIONAL RECORDS	
C.P.S. registration No (where applicable)	<i>123456</i>	<i>None</i>	

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SUPPLY CHARACTERISTICS		Tick boxes and enter details as appropriate	
System Type(s) TN-S <input type="checkbox"/> <i>N/A</i> TN-C-S <input checked="" type="checkbox"/> TT <input type="checkbox"/> <i>N/A</i>		Number and type of live conductors 1-phase (2 wire) <input checked="" type="checkbox"/> 1-phase (3 wire) <input type="checkbox"/> <i>N/A</i> 3-phase (3 wire) <input type="checkbox"/> <i>N/A</i> 3-phase (4 wire) <input type="checkbox"/> <i>N/A</i> Other <input type="checkbox"/> <i>N/A</i>	
		Nature of supply parameters <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 <i>230</i> V (1) U <i>240</i> V Nominal frequency <i>50</i> Hz (1) Prospective fault current <i>16</i> kA (2/3) Ze (1) External earth fault loop impedance: <i>0.18</i> Ω	
		Characteristics of primary supply overcurrent protective device(s) BS(EN) <i>BS 1361</i> Type <i>N/A</i> Nominal current rating <i>60</i> A Short circuit capacity <i>16.5</i> kA	
PARTICULARS OF INSTALLATION AT THE ORIGIN		Tick boxes and enter details as appropriate	
Means of earthing Distributor's facility <input checked="" type="checkbox"/> <i>YES</i> Installation earth electrode <input type="checkbox"/> <i>N/A</i>		Details of installation earth electrode (where applicable) type of (eg rod(s) tape etc) <i>N/A</i> Location <i>N/A</i> Electrode resistance Ra <i>N/A</i> Ω Method of measurement <i>EFLT TESTER</i>	
		Measured Ze <i>0.22</i> Ω Maximum demand (Load) <i>60</i> A per phase Number of smoke alarms <i>3</i>	
Earthing conductor Conductor material <i>COPPER</i> Conductor csa <i>16</i> mm ² Continuity check <input checked="" type="checkbox"/>		Main equipotential bonding conductors and bonding of extraneous conductive-parts Conductor material <i>COPPER</i> Water service <input checked="" type="checkbox"/> Oil service <input type="checkbox"/> <i>N/A</i> Gas service <input checked="" type="checkbox"/> Conductor csa <i>25</i> mm ² Structural steel <input type="checkbox"/> <i>N/A</i> Other incoming service(s) <input type="checkbox"/> <i>N/A</i>	
		Main switch or circuit-breaker Type BS (EN) <i>BS EN 61009</i> Voltage rating <i>240</i> V No of poles <i>2</i> Current rating <i>100</i> A Supply conductor material <i>Copper</i> RCD operating current, I _{Δn} <i>N/A</i> mA Supply conductor csa <i>6</i> mm ² RCD operating time (at I _{Δn}) [*] <i>N/A</i> ms <small>*Applicable only where an RCD is used as a main switch</small>	
SCHEDULE OF ITEMS INSPECTED		† See note below	
Methods of protection against electric shock: <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		Prevention of mutual detrimental influence: <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 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,	
		Identification (continued): <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"/> 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	
		General: <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	

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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.