

CERTIFICATE NUMBER: 34883

# DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

### DETAILS OF THE CLIENT

Client and address  
**R. Durnnell & Sons Ltd**  
Rectory Lane  
Brasted  
Westerham  
Kent

Postcode **TN16 1JR**

### ADDRESS OF THE INSTALLATION

Installation address  
**Chantry Quarry**  
Chantry View Road  
Guildford  
Surrey

Postcode **GU1 3XR**

### DETAILS OF THE INSTALLATION

Extent of the installation work covered by this certificate  
**Landlords Installation**

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 to *as issued* (date) except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3, 120.4)

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) **A C FULLER** Date **12/05/2015**

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

Signature \_\_\_\_\_ Name (CAPITALS) **A C FULLER** Date **12/05/2015**

### PARTICULARS OF THE DOMESTIC INSTALLER

Trading title **Antonmanor Electrical Contractors Ltd**  
Address **Anton House**  
**Rolvenden Road**  
**Tenterden**  
**Kent**

Telephone No **01580 765556** Postcode **TN30 6UD**

Scheme Registration No (Essential information) **0 2 0 3 8 3**

### NEXT INSPECTION

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

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

### COMMENTS ON EXISTING INSTALLATION

None

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

### SCHEDULE OF ADDITIONAL RECORDS\*

None

In the case of an alteration or additions see Section 632 of BS 7671

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 a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s)

ORIGINAL



# DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

<b>SUPPLY CHARACTERISTICS</b>		Tick boxes and enter details, as appropriate		Nature of supply parameters		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	Nominal U <sup>(1)</sup> (volts)	V	Nominal frequency, f <sup>(2)</sup> (Hz)	230	50	BS(EN)
TN-S	1-phase (3 wire) N/A	U <sup>(3)</sup>	230	External earth fault loop impedance, Z <sub>e</sub> <sup>(3)</sup> (Ω)	0.35		Type
TN-C-S	3-phase (4 wire) ✓	Prospective fault current, I <sub>pf</sub> <sup>(3)</sup> (kA)	9K	3-phase Prospective fault current, I <sub>pf</sub> <sup>(3)</sup> (kA)			Rated current
TT	Other						Short-circuit capacity
							100 A
							9 kA

<b>PARTICULARS OF INSTALLATION AT THE ORIGIN</b>		Tick boxes and enter details, as appropriate	
<b>Means of earthing</b>		<b>Details of installation earth electrode (where applicable)</b>	
Distributor's facility	Type (eg rod(s), tape etc)	Location	Location
Installation earth electrode	Electrode resistance, R <sub>a</sub>	Method of measurement	Method of measurement
Conductor material	Ω	Conductor material	Conductor csa
Conductor csa	mm <sup>2</sup>	Location (where not obvious)	Location
	Continuity check	✓	mm <sup>2</sup>
<b>Earthing conductor</b>		<b>Main protective bonding conductors and bonding of extraneous-conductive-parts (✓)</b>	
		Water service	Oil service
		Gas service	Structural steel
		Other incoming service(s)	

<b>SCHEDULE OF ITEMS INSPECTED</b>		† See note below	
<b>Protective measures against electric shock</b>		<b>Additional protection</b>	
Basic and fault protection	SELV	✓	Presence of residual current device(s)
Extra low voltage		N/A	Presence of supplementary bonding conductors
Double or reinforced insulation	Double or reinforced insulation	Prevention of mutual detrimental influence	Proximity of non-electrical services and other influences
Basic protection	Barriers or enclosures	N/A	Segregation of Band I and Band II circuits or Band II insulation used
Insulation of live parts		N/A	Segregation of safety circuits
Fault protection		Identification	Presence of diagrams, instructions, circuit charts and similar information
Automatic disconnection of supply		✓	Presence of danger notices
Presence of earthing conductor		✓	Presence of other warning notices, including presence of mixed wiring colours
Presence of circuit protective conductors		✓	Labelling of protective devices, switches and terminals
Presence of main protective bonding conductors		✓	Identification of conductors
Choice and setting of protective devices (for fault protection and/or overcurrent)		✓	Cables and conductors
Electrical separation		✓	Selection of conductors for current carrying capacity and voltage drop
N/A	For one item of current-using equipment	✓	Erection methods

<b>SCHEDULE OF ITEMS TESTED</b>		† See note below	
✓	External earth fault loop impedance, Z <sub>e</sub>	✓	Presence and correct location of appropriate devices for isolation and switching
N/A	Installation earth electrode resistance, R <sub>a</sub>	✓	Adequacy of access to switchgear and other equipment
✓	Continuity of protective conductors	N/A	Particular protective measures for special installations and locations
N/A	Continuity of ring final circuit conductors	✓	Connection of single-pole devices for protection or switching in line conductors only
N/A	Insulation resistance between live conductors	✓	Correct connection of accessories and equipment
✓	Insulation resistance between live conductors and earth	✓	Selection of equipment and protective measures appropriate to external influences
✓	Polarity	✓	Selection of appropriate functional switching devices
✓	Earth fault loop impedance, Z <sub>s</sub>		
N/A	Verification of phase sequence		
✓	Operation of residual current device(s)		
N/A	Functional testing of assemblies		
✓	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 test was not applicable to the particular installation.  
 ‡ Where a smoke alarm has been installed, separate certification is required on the appropriate form.  
 This form is based on the model Electrical Installation Certificate shown in Appendix 6 of BS 7671 (as amended). Generated by Castline Systems Formfill software.



# DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

ORIGINAL

## CIRCUIT DETAILS

Circuit number	Circuit designation * To be completed only where this consumer unit is remote from the origin of the installation. Record details of the circuit supplying this consumer unit in the bold box.	Type of wiring (see code) D = Distribution circuit F = Final circuit	Reference method (see Appendix 4 of BS 7671)	Number of points served	Circuit conductors: see BS 7671		Overcurrent protective devices DS (EN) Type No Rating A Capacity kVA	RCD Operating current, I <sub>Δn</sub> mA	Maximum Z <sub>s</sub> permitted by BS 7671	Circuit impedances (Ω)				Insulation resistance		Maximum measured earth fault loop impedance, Z <sub>s</sub> Ω	RCD operating times			
					Live mm <sup>2</sup>	epc				Max disconnection time permitted by BS 7671 s	r <sub>1</sub> Line	r <sub>n</sub> Neutral	r <sub>2</sub> cpc	R <sub>1</sub> + R <sub>2</sub>	R <sub>2</sub>		Line/Line MΩ	Line/Neutral MΩ	Line/Earth MΩ	at I <sub>Δn</sub> ms
1	<b>Gate Supply</b>	F	D	1	2.5	2.5	5	60898	B	20	9	N/A	2.3	1.68	100	100	100	1.45	N/A	N/A
2	<b>Road Lighting</b>	F	D	12	2.5	2.5	5	60898	B	10	9	N/A	4.6	1.85	100	100	100	1.89	N/A	N/A
3	<b>Drive Lighting</b>	F	D	18	2.5	2.5	5	60898	B	10	9	N/A	4.6	2.85	100	100	100	2.22	N/A	N/A
4	<b>Bin Store Light 1</b>	F	C	1	1.5	1.5	5	60898	B	10	9	N/A	4.6	0.44	100	100	100	0.38	N/A	N/A
5	<b>Bin Store Light 2</b>	F	D	1	2.5	2.5	5	60898	B	10	9	N/A	4.6	1.98	100	100	100	2.02	N/A	N/A

## TEST INSTRUMENTS

Location of consumer unit(s)	Designation of consumer unit(s)	Prospective fault current at consumer unit(s) kA
Bin Store 1		9kA

ORIGINAL

## DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE GUIDANCE FOR RECIPIENTS

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, 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. If you were the person ordering the work, but not the user of the installation, you should pass this Certificate, or a 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 addition or alteration 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 an inspection.