

HIGHWAY ELECTRICAL INSTALLATION CERTIFICATE

Certificate Number

HCN3/0301140

DETAILS OF THE CLIENT	LOCATION OF THE WORK	DETAILS OF THE INSTALLATION	CERTIFICATE ISSUED BY
Client Name Address Post Code Telephone	Bob McGill 17 Elmsfield Road Crosby Thornton The Crescent Moor Lane Crosby, Thornton L23 4TA	Extent of the installation work covered by this certificate Installation of AED cabinet in telephone kiosk	The installation is New <input checked="" type="checkbox"/> An addition <input type="checkbox"/> An alteration <input type="checkbox"/>
SYSTEM TYPE AND EARTHING AND BONDING ARRANGEMENTS			
System Type TT <input type="checkbox"/> TN-C-S <input checked="" type="checkbox"/> TN-S <input type="checkbox"/>	Details of Installation Earth Electrode(where applicable) Type (eg,rod(s)shape etc) N/A Electrode resistance Location Method of Measurement N/A	Measured Ze Measured Voltage PSC	Telephone 0151 531 1800 Fax Number 0151 531 1900
Means of Earthing Earth Electrode Suppliers Facility Ze (by enquiry)	L1 L2 L3 KA	NICEIC Enrolment No 9076	W T JENKINS LTD UNIT 27 SEFTON LANE INDUSTRIAL ESTATE MAGHULL MERSEYSIDE L31 8DN
COMMENTS ON THE INSTALLATION			
None			
DESIGN, CONSTRUCTION, INSPECTION AND TESTING			
I,being the person responsible for the design to the electrical installation (as indicated by my signature below) particulars of which are described above, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS7671, amended to Details of departures from BS7671, as amended (Regulations 120-01-03, 120-02)	Conductor material Cu Conductor csa 16 mm Continuity check Y	Conductor material Cu Conductor csa 16 mm Continuity check Y	I Recommend that the installation is further inspected and tested after an interval of not more than SIX Years
The extent of the liability of the signatory is limited to the work described above as the subject of this certificate For the DESIGN of the installation Signature Date	Name(capitals) R CASLIN	Name(capitals) M SHERRINGTON	The installation is further inspected and tested after an interval of not more than SIX Years
The extent of the liability of the signatory is limited to the work described above as the subject of this certificate For the DESIGN*, CONSTRUCTION and the INSPECTION AND TESTING of the installation Signature Date	Name(capitals) M SHERRINGTON	Name(capitals) M SHERRINGTON	The results for the inspection and testing reviewed by the registered Qualified Supervisor Signature Date
Details of departures from BS7671, as amended (Regulations 120-01-03, 120-02)			
NONE			

This form is based on the model Electrical Installation Certificate shown in Appendix 6 of BS7671

REGISTERED MEMBER



SCHEDULES

Certificate Number

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SCHEDULE OF ITEMS INSPECTED

Method of protection against electric shock	Identification	Prevention of mutual detrimental influence	General
✓ Insulation of live parts and barriers or enclosures	✓ Presence of diagrams, instructions, circuit charts and similar information	✓ Proximity of non electrical services and other external influences	✓ Presence and correct location of appropriate devices for isolation and switching
✓ Presence of RCD for supplementary protection against direct contact and/or indirect contact	✓ Presence of danger notices	N/A Segregation of Band 1 and Band 11 circuits or Band 11 insulation used	✓ Adequacy of access to switchgear and other equipment
✓ Presence of earthing conductors and circuit protective conductors	✓ Presence of other warning notices	✓ Equipment degree of protection not less than IP33	✓ Particular protective measures for special installations and locations
✓ Presence of main equipotential bonding conductors	✓ Labelling of protective devices, switches and terminals		✓ Connection of single pole devices for protection or switching in single phase conductors only
✓ Presence of supplementary equipotential bonding conductor	✓ Identification of conductors		✓ Choice and setting of protective and monitoring devices
N/A Class II fixed equipment	N/A Temporary supplies, if any, suitably labelled		✓ Selection of appropriate functional switching devices
N/A SELV	✓ Ducting, marker tape or cable ties suitably identified		✓ Physical condition of non electrical equipment (eg. absence of corrosion)

SCHEDULE OF ITEMS TESTED

✓ External earth fault loop impedance, Z_e	✓ Continuity of protectives conductors	✓ Insulation between live conductors and earth	✓ Earth fault loop impedance, Z_s
N/A Installation earth electrode resistance (where provided)	✓ Insulation resistance between live conductors	✓ Polarity	N/A Operation of RCD

Circuit Details

Item ref no.	Distribution (D) Final circuit (F)	Column/ Sign/ Bollard No. as per plan	Type of wiring	Number of Points	Circuit Conductor c/sa	Fuse or MCB	Type or Rating (Amps)	Circuit Protection Continuity Protective Conductors	Polarity	Circuit Impedance			Insulation Resistance M Ohms Phase to Conductor	Neutral to Conductor	Phase to Neutral	Max. Z_s permitted by BS7671(Ω)	Earth Fault loop Impedance (Z_s)	Load Voltage (V)	RCD Operating Times
										R1+R2	R2	(MΩ)							
1		De-Fibrillator cabinet	REC	1	4.0	4.0	88	2	10	✓	✓	✓	✓	✓	6.80	0.14	248	✓	

Test Instruments (serial numbers) used: Insulation resistance 232724 Continuity 232724 Earth Loop 232724 RCD 232724

CONTINUATION OF SCHEDULES

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Circuit Details	Column/	Type	Number	Circuit	Circuit Protection	TEST RESULTS	Circuit	Insulation Resistance M Ohms	Earth Fault	On	RCD
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