

This form is based on the model Electrical Installation Certificate shown in Appendix 6 of BS 7671: 2008.

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This certificate is not valid if the serial number has been defaced or altered

## TRANSPORTABLE BUILDING ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with British Standard 7671-Requirements for Electrical Installations by an Approved Contractor enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX.

TRANSPORTABLE BUILDING MANUFACTURER	TRANSPORTABLE BUILD	ING DETAILS	TRANSPORTA	NELE BLIILDII	NG SUPPLY PARAM	METERS
Name:	Model name:	ING DETAILS	Nominal voltage	V /	V Acceptable system	IETENS
Address:	name.		U <sub>o</sub> /U: Nominal frequency:	,	type(s):  Hz Maximum tolerable ups	tream $\Omega$
	Description:	- 11	No of phases:		earth fault loop impedar Maximum tolerable	rce, Z <sub>T</sub> :
Postcode:			Maximum load per phase provision:		fault current:  kVA/ Amps Delete as appropriate	
PARTICULARS OF TRANSPORTABLE BUILDING INS	STALLATION		The installation is		An addition:	An alteration:
Extent of installation work covered by this certificate:				H		
Nominal voltage(s)  U U O (V) (V) Phases	Type [BS (EN)]	Main swit	Voltage rating (V)	Rated current, (A)	I <sub>n</sub> Short-circuit capacity (kA)	Residual operating current ${ m I}_{\Delta n}$
Protective measure(s) against electric shock:	Main equipotential bonding to extraneous-conductive-parts:			: : : : : : : : : : : : : : : : : : :		
Water supply Gas supply connection connection	Oil supply Transporta	ble building steelwork Other			Material	csa (mm²)
DESIGN, CONSTRUCTION, INSPECTION AND TESTING  I, being the person responsible for the design, construction, inspection and testing of the electrical installation (as indicated by my signature adjacent), particulars of which are described above, having exercised reasonable skill and care when carrying out  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:						
the design, construction, inspection and testing, hereby CERTIFY that the said work for best of my knowledge and belief, in accordance with BS 7671, amended to	r which I have been responsible is, to the (date) except for the	Signature		Name (CAPITALS)		Date
departures, if any, detailed as follows:  Details of departures from BS 7671, as amended (Regulations 120.3, 120.4):		The	results of the inspecti		iewed by the Qualified Supe	ervisor:
Details of departures from 65 7671, as amended (negulations 120.3, 120.4):		Signature		Name (CAPITALS)	Qualified Supervisor	Date
PARTICULARS OF THE APPROVED CONTRACTOR	COMMENTS ON	<b>EXISTING INSTAL</b>	LATION	NEXT INSPE	ECTION § Enter interval in v	vords
Trading Title:				I RECOMMEND that this in inspected and tested after	nstallation is further s an interval of not more than	
Address:						
RPPROVED CONTRACTOR POStCode						
NICEIC Enrolment No: Branch No: (Essential information) (ff applicable)						

## **NOTES FOR RECIPIENT**

## THIS SAFETY CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected, tested and verified in accordance with the national standard for the safety of electrical installations, British Standard 7671 - Requirements for Electrical Installations.

Where, as will often be the case, the installation incorporates a residual current device (RCD), there should be a notice at or near the consumer unit stating that the device should be tested at quarterly intervals. For safety reasons, it is important that you carry out the test regularly.

Also for safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a competent person. NICEIC\* recommends that you engage the services of an Approved Contractor for this purpose. The maximum interval recommended before the next inspection is stated on Page 1 under Next Inspection. There should also be a notice at or near the consumer unit indicating when the inspection of the installation is next due.

It is the responsibility of the competent person connecting the electrical supply to the unit to carry out tests to ensure the values of earth fault loop impedance, maximum prospective fault current at the origin, polarity and RCD tests conform to the requirements of BS 7671.

Only the NICEIC Approved Contractor responsible for the construction of the electrical installation is authorized to issue this NICEIC certificate.

The certificate consists of two pages. The certificate is invalid if the second page (containing schedules) is missing. The certificate has a printed seven-digit serial number which is traceable to the Approved Contractor to which it was supplied.

This certificate is intended to be issued only for the initial certification of a new electrical installation, or for new work associated with an alteration or addition to an existing electrical installation in a transportable building.

This certificate should not have been issued for reporting on the condition of an existing electrical installation. A Transportable Building Periodic Inspection Report should be issued for such an inspection.

You should have received the certificate marked 'Original' and the Approved Contractor should have retained the certificate marked 'Duplicate'.

The 'Original' certificate should be kept in a safe place and shown to any person inspecting or undertaking work on the electrical installation in the future. If you later sell the transportable building, this certificate will demonstrate to the new owner that the electrical installation work complied with the requirements of the national electrical safety standard at the time the certificate was issued.

If you were the person ordering the work, but not the owner of the transportable building, you should pass this certificate, or a full copy of it including these notes, immediately to the owner of the transportable building.

Part 1 of this certificate provides details of the electrical installation, together with the names and signatures of the persons certifying the installation work and reviewing the results of inspection and testing. Certification provides an assurance that the electrical installation work has been fully inspected and tested, and that the work has been carried out in accordance with the requirements of BS 7671 (except for any departures recorded in the appropriate part of the certificate).

All unshaded boxes should have been completed either by insertion of the relevant details or by entering a  $\checkmark$ , or a  $\checkmark$ N/A meaning 'Not Applicable' where appropriate.

Where the electrical work to which this certificate relates includes the provision of a mainspowered fire detection and alarm system (such as one or more smoke alarms), this electrical safety certificate must be accompanied by a separate certificate for that system based on British Standard 5839: Fire detection and fire alarm systems for buildings, Part 1: Code of practice for system design, installation and servicing or Part 6: Code of Practice for the design and installation of fire detection and fire alarm systems in dwellings, as appropriate.

Should the person ordering the work (eg the transportable building manufacturer, as identified on Page 1 of this certificate) have reason to believe that any element of the electrical work for which the Approved Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with the requirements of the national electrical safety standard (BS 7671), the person should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

\* NICEIC is a trading name of NICEIC Group Limited, a wholly owned subsidiary of The Electrical Safety Council. Under licence from The Electrical Safety Council, NICEIC acts as the electrical contracting industry's independent voluntary regulatory body for electrical installation safety matters throughout the UK, and maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).

For further information about electrical safety and how NICEIC can help you, visit **www.niceicgroup.com** 

RCD



Multi-functional

## TRANSPORTABLE BUILDING ELECTRICAL INSTALLATION SCHEDULES

SCHEDULE OF ITEMS INSPECTED †See note below	Additional protection	Cables and conductors (cont)	SCHEDULE OF ITEMS TESTED	on ord
Protective measures against electric shock	Presence of residual current device(s)	Routing of cables in prescribed zones		perso
Basic and fault protection	Presence of supplementary bonding conductors	Cables incorporating earthed armour or sheath or run in an earthed wiring system, or otherwise	Continuity of protective conductors	To the
Extra low voltage SELV  Double or reinforced insulation		protected against nails, screws and the like	Continuity of ring final circuit conductors	=
Double or reinforced insulation	Prevention of mutual detrimental influence Proximity of non-electrical services and other influences	Additional protection by 30mA RCD (where required, in premises not under the supervision of skilled or instructed persons)	Insulation resistance between live conductors	Original (To the
Basic protection	Segregation of Band I and Band II circuits or Band II insulation used	Connection of conductors	Insulation resistance between live	Ö
Insulation of live parts  Barriers or enclosures	Segregation of safety circuits	Presence of fire barriers, suitable seals and protection against thermal effects	conductors and earth	
· ·	Identification	Connect	Polarity	
Fault protection	Presence of diagrams, instructions, circuit charts and similar information	General  Processes and correct location of appropriate	Verification of phase sequence	
Automatic disconnection of supply	Presence of danger notices	Presence and correct location of appropriate devices for isolation and switching	verification of phase sequence	se state
Presence of earthing conductor	Presence of other warning notices, including	Adequacy of access to switchgear and other equipment	Operation of residual current device(s)	er - plea
Presence of circuit protective conductors	presence of mixed wiring colours  Labelling of protective devices,	Particular protective measures for special installations and locations	Functional testing of a supplying	0 (0th
Presence of main protective bonding conductors	switches and terminals	Connection of single-pole devices for protection or switching in line conductors only	Functional testing of assemblies	
Choice and setting of protective devices (for fault protection and/or overcurrent)	Identification of conductors  Cables and conductors	Correct connection of accessories and equipment	Verification of voltage drop	
Electrical separation	Selection of conductors for current carrying capacity and voltage drop	Selection of equipment and protective measures appropriate to external influences		H Aineral- sulated
For one item of current-using equipment	Erection methods	Selection of appropriate functional switching devices	<sup>†</sup> See note below	
SCHEDULE OF CIRCUIT DETAILS		SCHEDULE OF T	EST RESULTS	F WIRING  G  XLPE/SWA
Circuit designation	Circuit conductors: csa [5] Overcurre	ent protective devices RCD	Insulation resistance Polarity RCD operating times	FOR TYPE OF F C/SWA
it numb	Property of with the character of the ch	N S N S N S N S N S N S N S N S N S N S	All circuits Line/Neutral Line/Earth Neutral/Earth at $I_{\Delta n}$ at $5 I_{\Delta n}$	DES FOR
Girenit	Numb (2,000) (1,000) (1,000) (1,000) (1,000) (2,000) (2,000) (2,000) (3,000) (3,000) (4,000) (4,000) (4,000) (5,000) (4,000) (4,000) (5,000) (	N	$(R_1 + R_2)$ $(M\Omega)$ $(M\Omega)$ $(M\Omega)$ $(V)$ $(ms)$ $(ms)$	bles etallic
1				PVC ca
2				ples
3				PVC ca
4				oles
5				PVC cal
6				ii.
8			<del>-                                      </del>	B PVC cat in meta
9				
9				2 2 2

Continuity

Insulation

resistance

Test instruments (serial numbers) used:

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<sup>†</sup> All boxes must be completed. V' 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. This form is based on the model Electrical Installation Certificate shown in Appendix 6 of BS 7671: 2008. Published by NICEIC Group Limited © Copyright The Electrical Safety Council (Jan 2008).