

# TRANSPORTABLE BUILDING PERIODIC INSPECTION REPORT

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

Original (To the person ordering the work)

A. DETAILS OF THE CLIENT	
Client / Address:	Excel Modular Compass House 17-19 Empringham Street Hull
	Postcode: HU9 1RP

B. TRANSPORTABLE BUILDING MANUFACTURER	
Name:	Unknown
Address:	Unknown
	Postcode: UNKNOWN

C. TRANSPORTABLE BUILDING DETAILS	
Model name:	EMB5000
Description:	Mobile Unit

D. PURPOSE OF THE REPORT	
Purpose for which this report is required:	Re-location of the unit and Modification works. † (see note below)

E. EXTENT OF THE INSTALLATION AND LIMITATIONS OF INSPECTION AND TESTING	
Extent of the electrical installation covered by this report:	10 Fixed Inspection and R1 + R2 at all EOL. All Dead testing as no permanent earth for testing. Functional test from a site generator.
Agreed limitations (including the reasons), if any, on the inspection and testing:	None ‡ (see note below)

F. PARTICULARS OF THE APPROVED CONTRACTOR	
Trading Title:	Beech Electrical Limited
Address:	82 Beech Road Elloughton East Yorkshire
	Postcode: HU15 1JY
NICEIC Enrolment No: (Essential information)	603080000
Branch No: (if applicable)	N/A

G. DECLARATION	
<p>I/We being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above (see B and C), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see H) and the attached schedules (see M,N,O and P), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection and testing (see E).</p> <p>I/We further declare that in my/our judgement, the said installation was overall in <b>a satisfactory</b> condition (see I) at the time the inspection was carried out, and that it should be further inspected as recommended (see J).                      † (Insert "a satisfactory" or "an unsatisfactory", as appropriate)</p>	
INSPECTION, TESTING AND ASSESSMENT BY:	REPORT REVIEWED AND CONFIRMED BY: *(See note below)
Signature: 	Signature: 
Name: (CAPITALS) SIMON BOWER	Name: (CAPITALS) GARY SLATER
Position: Electrician	(Registered Qualified Supervisor for the Approved Contractor at F)
Date: 31/12/2015	Date: 31/12/2015

† This Transportable Building Periodic Inspection Report must be used only for reporting on the condition of an existing installation.  
 ‡ The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, and generally within the fabric of the transportable building, have not been visually inspected.  
 \* This Transportable Building Inspection Report should be reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it.

**H. OBSERVATIONS AND RECOMMENDATIONS FOR ACTION TO BE TAKEN**

Referring to the attached schedules of inspection and test results, and subject to the limitations at E:

There are no items adversely affecting electrical safety.

or

The following observations and recommendations are made.  N/A

Code †

Item No		Code †

† Where observations are made, the inspector will have entered one of the following codes against each observation to indicate the action (if any) recommended:-

Note: If necessary, continue on additional page(s), which must be identified by the Leisure Accommodation Vehicle Periodic Inspection Report serial number and page number(s).

- 1. 'requires urgent attention' or
- 2. 'requires improvement' or
- 3. 'requires further investigation' or
- 4. 'does not comply with BS 7671'

Please see the reverse of this page for guidance regarding recommendations.

Urgent remedial work recommended for Item:  Corrective action(s) recommended for Item:

**I. SUMMARY OF THE INSPECTION**

General condition of the installation:  
The installation is showing no signs of wear and tear.

Note: If necessary, continue on additional page(s), which must be identified by the Transportable Building Periodic Inspection Report serial number and page number(s).

Evidence of alterations or additions: Yes  If yes, estimated age:  years

Electrical Installation Certificate no. or previous Periodic Inspection Report no.:

Date(s) of the inspection:  Date of previous inspection:

Overall assessment of the installation:   
(Entry should read either 'Satisfactory' or 'Unsatisfactory')

**J. NEXT INSPECTION**

(Enter interval in terms of years or months, as appropriate)

I/We recommend that this installation is further inspected and tested after an interval of not more than:   
provided that any item at H which have been attributed a Recommendation Code 1 (requires urgent attention) and Code 2 (requires improvement) are remedied without delay and as soon as possible respectively. Items which have been attributed a Recommendation Code 3 should be actioned as soon as practicable (see H).

**K. TRANSPORTABLE BUILDING PARAMETERS**

Nominal frequency:  Maximum load per phase provision:  Maximum tolerable fault current:

Nominal voltage  $U_0/U_1$ :  No of Phases:  Acceptable system type(s):  Maximum tolerable upstream earth fault loop impedance,  $Z_T$ :

**PARTICULARS OF TRANSPORTABLE BUILDING INSTALLATION**

Nominal voltage(s)		Number of phases	Main Switch				
U (V)	U <sub>0</sub> (V)		Type [BS (EN) ....]	Voltage rating (V)	Rated current, I <sub>n</sub> (A)	Short-circuit capacity (kA)	Residual operating current I <sub>Δn</sub>
	240	1	60947-2 MCB	240	63	6	
Protective measure(s) against electric shock:		Main equipotential bonding to extraneous-conductive-parts:				Main protective bonding conductors:	
ADS		Water supply connection <input checked="" type="checkbox"/>	Gas supply connection <input type="checkbox"/> N/A	Oil supply connection <input type="checkbox"/> N/A	Transportable building structural steelwork (if any) <input checked="" type="checkbox"/>	Other <input type="checkbox"/> N/A	Material <input type="text" value="COPPER"/> csa (mm <sup>2</sup> ) <input type="text" value="10"/>

# TRANSPORTABLE BUILDING PERIODIC INSPECTION REPORT SCHEDULES

Original (To the person ordering the work)

## SCHEDULE OF ITEMS INSPECTED

† See note below

### Protective measures against electric shock

#### Basic and fault protection

Extra low voltage N/A SELV

#### Double or reinforced insulation

N/A Double or reinforced insulation

#### Basic protection

✓ Insulation of live parts ✓ Barriers or enclosures

#### Fault protection

#### Automatic disconnection of supply

- ✓ Presence of earthing conductor
- ✓ Presence of circuit protective conductors
- ✓ Presence of main protective bonding conductors
- ✓ Choice and setting of protective devices (for fault protection and/or overcurrent)

#### Electrical separation

N/A For one item of current-using equipment

### Additional protection

✓ Presence of residual current device(s)

N/A Presence of supplementary bonding conductors

### Prevention of mutual detrimental influence

N/A Proximity of non-electrical services and other influences

N/A Segregation of Band I and Band II circuits of Band II insulation used

N/A Segregation of safety circuits

### Identification

✓ Presence of diagrams, instructions, circuit charts and similar information

N/A Presence of danger notices

✓ Presence of other warning notices, including presence of mixed wiring colours

LIM Labelling of protective devices, switches and terminals

LIM Identification of conductors

### Cables and conductors

✓ Selection of conductors for current carrying capacity and voltage drop

LIM Erection methods

### Cables and conductors (cont)

LIM Routing of cables in prescribed zones

✓ Cables incorporating earthing armour or sheath or run in an earthed wiring system, or otherwise protected against nails, screws and the like

✓ Additional protection by 30mA RCD (where required, in premises not under the supervision of skilled or instructed persons)

✓ Connection of conductors

✓ Presence of fire barriers, suitable seals and protection against thermal effects

### General

✓ Presence and correct location of appropriate devices for isolation and switching

✓ Adequacy of access to switchgear and other equipment

N/A Particular protective measures for special installations and locations

N/A Connection of single-pole devices for protection or switching in line conductors only

✓ Correct connections of accessories and equipment

✓ Selection of equipment and protective measures appropriate to external influences

✓ Selection of appropriate functional switching devices

## SCHEDULE OF ITEMS TESTED

✓ Continuity of protective conductors

✓ Continuity of ring final circuit conductors

✓ Insulation resistance between live conductors

✓ Insulation resistance between live conductors and earth

✓ Polarity

N/A Verification of phase sequence

✓ Operation of residual current device(s)

✓ Functional testing of assemblies

LIM Verification of voltage drop

† See note below

## SCHEDULE OF CIRCUIT DETAILS

Circuit number	Circuit designation	Type of wiring (see code)	Reference method	Number of points served	Circuit conductors: csa			BS (EN)	Type No	Rating (A)	RCD	Maximum Z <sub>s</sub> permitted by BS 7671 (Ω)
					Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	Max. disconnection time permitted by BS 7671 (s)					
1	Skt Ring Final	A	A	6	2.5	1.5	0.4	60898 MCB	B	32	N/A	1.15
2	Heater	A	A	1	2.5	1.5	0.4	60898 MCB	B	10	N/A	4.60
3	Heater	A	A	1	2.5	1.5	0.4	60898 MCB	B	10	N/A	4.60
4	Lighting	A	A	5	1.5	1	0.4	60898 MCB	B	6	N/A	7.67
5	External Socket	A	A	1	2.5	1.5	0.4	60898 MCB	B	20	N/A	2.30
6	Water Heater	A	A	1	2.5	1.5	0.4	60898 MCB	B	16	N/A	2.87

### SCHEDULE OF CIRCUIT DETAILS

Circuit number	Circuit designation	Type of wiring (see code)	Reference method	Number of points served	Circuit conductors: csa		Max. disconnection time permitted by BS 7671 (s)	BS (EN)	Type No	Rating (A)	RCD Operating current, I <sub>Δn</sub> (mA)	Maximum Z <sub>s</sub> permitted by BS 7671 (Ω)
					Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )						

### SCHEDULE OF TEST RESULTS

Circuit impedances (Ω)				Insulation resistance			Polarity (✓)	RCD operating times	
Ring final circuits only (measured end to end)			All circuits	Line/Neutral	Line/Earth	Neutral/Earth †		at I <sub>Δn</sub>	at 5I <sub>Δn</sub> (if applicable)
r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	R <sub>1</sub> + R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)		(ms)	(ms)
.32	.32	.45	.17	+200	+200	+200	✓	32	08
N/A	N/A	N/A	.22	+200	+200	+200	✓	32	08
N/A	N/A	N/A	.23	+200	+200	+200	✓	32	08
N/A	N/A	N/A	.65	+200	+200	+200	✓	32	08
N/A	N/A	N/A	.15	+200	+200	+200	✓	32	08
N/A	N/A	N/A	.21	+200	+200	+200	✓	32	08

QUESTIONS: TYPE OF WIRING	
A	Thermoplastic insulated cables in sheath
B	Thermoplastic insulated cables in metallic conduit
C	Thermoplastic insulated cables in non-metallic conduit
D	Thermoplastic insulated cables in non-metallic trunking
E	Thermoplastic insulated cables in non-metallic trunking
F	Thermoplastic insulated cables in SWA
G	Thermoplastic insulated cables
H	Mixed: insulated cables
U	Other - please state

SCHEDULE OF TEST RESULTS									
Circuit impedances (Ω)				Insulation resistance			Polarity (✓)	RCD operating times	
Ring final circuits only (measured end to end)			All circuits	Line/Neutral	Line/Earth	Neutral/Earth †		at IΔn	at 5IΔn (if applicable)
r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	R <sub>1</sub> + R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)		(ms)	(ms)

Test instruments (serial numbers) used:							
Multi-functional	N/A	Insulation resistance	N/A	Continuity	N/A	RCD	N/A

† All boxes must be completed. '✓' indicates that an inspection or a test was carried out and that the result was **satisfactory**. 'X' indicates that the inspection or test was carried out and the result was **unsatisfactory**. 'LIM' indicates that exceptionally, a limitation agreed with the person ordering the work (as recorded in section E) prevented the inspection or test being carried out. **was not applicable** the particular installation. This form is based on the model Electrical Inspection Certificate shown in Appendix 6 of BS7671: 2008. Published by the NICEIC a part of the Ascertiva Group © Copyright Certsure LLP (May 2013)

QUESTIONS TYPE OF WIRING

A	Thermoplastic insulated cables in sheathed cable/metallic conduit
B	Thermoplastic insulated cables in non-metallic conduit
C	Thermoplastic insulated cables in non-metallic trunking
D	Thermoplastic insulated cables in metal trunking
E	Thermoplastic insulated cables in metal trunking
F	Thermoplastic insulated cables in SWA cables
G	Thermoplastic insulated cables
H	Mixed insulated cables
U	Other - please state