

# 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  SELV
- Extra low voltage
- Double or reinforced insulation
- 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

- For one item of current-using equipment

## Additional protection

- Presence of residual current devices (RCDs)
- Presence of supplementary bonding conductors
- Prevention of mutual detrimental influence
- Proximity of non-electrical services and other influences
- Segregation or Band I and Band II circuits of Band II insulation used
- Segregation of safety circuits

## Identification

- Presence of diagrams, instructions, circuit charts and similar information
- Presence of danger notices
- Presence of other warning notices, including presence of mixed wiring colours
- Labelling of protective devices, switches and terminals
- Identification of conductors
- Cables and conductors
- Selection of conductors for current carrying capacity and voltage drop
- Erection methods

## Cables and conductors (cont)

- 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
- Particular protective measures for special installations and locations
- 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
- N/A
- Insulation resistance between live conductors
- Insulation resistance between live conductors and earth
- Polarity
- Verification of phase sequence
- Operation of residual current device(s)
- Functional testing of assemblies
- 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		Max. disconnection time permitted by BS 7671 (s)	BS (EN)	Type No	Rating (A)	Operating current, I <sub>pn</sub> (mA)	RCD permitted by BS 7671 (s)	Circuit impedances (Ω)			Insulation resistance		Polarity	RCD operating times		
					Live (mm <sup>2</sup> )	epc (mm <sup>2</sup> )							R <sub>1</sub> (Line) (Ω)	R <sub>2</sub> (Neutral) (Ω)	R <sub>3</sub> (epc) (Ω)	All circuits (measured end to end)	Line/Neutral (MΩ)		Line/Earth (MΩ)	Neutral/Earth † (MΩ)	at I <sub>Δn</sub> (ms)
1	lights	E	B	6	1.5	1.5	0.4	60898 MCB	B	6	6	7.67	0.57	+299	+299	(MΩ)	(MΩ)	(MΩ)	✓	28.9	8.6
2	sockets	E	B	4	2.5	2.5	0.4	60898 MCB	B	16	16	2.98	0.38	+299	+299	(MΩ)	(MΩ)	✓	28.6	8.9	

## SCHEDULE OF TEST RESULTS

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)	Operating current, I <sub>pn</sub> (mA)	RCD permitted by BS 7671 (s)	Circuit impedances (Ω)			Insulation resistance		Polarity	RCD operating times		
					Live (mm <sup>2</sup> )	epc (mm <sup>2</sup> )							R <sub>1</sub> (Line) (Ω)	R <sub>2</sub> (Neutral) (Ω)	R <sub>3</sub> (epc) (Ω)	All circuits (measured end to end)	Line/Neutral (MΩ)		Line/Earth (MΩ)	Neutral/Earth † (MΩ)	at I <sub>Δn</sub> (ms)
1	lights	E	B	6	1.5	1.5	0.4	60898 MCB	B	6	6	7.67	0.57	+299	+299	(MΩ)	(MΩ)	(MΩ)	✓	28.9	8.6
2	sockets	E	B	4	2.5	2.5	0.4	60898 MCB	B	16	16	2.98	0.38	+299	+299	(MΩ)	(MΩ)	✓	28.6	8.9	

## Test instruments (serial numbers) used:

Multi-functional	0710072698	Insulation resistance	0710072698	Continuity	0710072698	RCD	0710072698
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† 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. 'N/A' indicates that an inspection or a test was not applicable to the particular installation. '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.