

Mobile / Transportable Unit Electrical Installation Condition Report

Requirements for Electrical Installations - BS 7671:2018
(IET Wiring Regulations 18th Edition)

The term 'unit' is intended to include a vehicle and/or transportable structure in which all or part of a low voltage electrical installation is contained, which is provided with a temporary supply by means of a plug and socket-outlet, for example. The units are either of the mobile type, such as self-propelled/towed vehicles, or of the transportable type, such as containers or cabins.

Examples of such units include:

Outside broadcast units as used in the entertainment industry. Medical services such as blood donor or mobile breast screening units. Advertising trucks and "roadshow" vehicles. Firefighting appliances. Mobile workshops. Modular office buildings and construction site huts. Transportable catering units and fast food vans.

1. The purpose of this condition report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section K).
2. The person ordering the report should have received the original report and the inspector should have retained a duplicate.
3. The original report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the Building/Unit is vacated or sold on, this report will provide the owner /occupier with details of the condition of the electrical installation at the time the report was issued.
4. Where the installation incorporates residual current devices (RCDs) there should be a notice at or near the devices stating that they should be tested 6 monthly.
For safety reasons it is important that these instructions are followed.
5. Section D (Extent and Limitations) should identify fully the extent of the electrical installation covered by this report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the report and with other interested parties (licensing authority, insurance company, mortgage/loan provider and the like) before the inspection was carried out.
6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.
7. For items classified in Section K as C1 ("Danger Present"), the safety of those using the installation is at risk
It is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
8. For items classified in Section K as C1 ("Potentially Dangerous"), the safety of those using the installation may be at risk
It is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
9. Where it has been stated in Section K that an observation requires further investigation code FI the inspection has revealed an apparent deficiency which may result in a code C1 or C2 could not, due to the extent or limitations of this inspection, be fully identified. Such observations should be investigated as soon as possible. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F).
10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons competent in such work. The recommended date by which the next inspection is due is stated in Section F of the Report under 'Recommendations' and on a label at or near to the consumer unit / distribution board.

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Details of the Installation

Client	Simply Prosecco	Unit Description	Prosecco van Beatrix
Address	15 Yew Tree Avenue North Anston Sheffield	Unit Model	
		Unit Registration No.	
		V.I.N.	
		Manufacturer	
Postcode	S25 4EW	Year Manufactured	

Reason for producing this report

This form is to be used only for reporting on the condition of an existing installation.

Owners request

Date(s) on which the inspection and testing were carried out 07/04/2025 to 07/04/2025

Details of installation which is the subject of this report

Description of premises Commercial ☒ Industrial ☐ Other (please specify)

Estimated age of the wiring system 5 years

Evidence of alterations or addition Yes ☐ No ☒ Not apparent ☐ if 'Yes', estimated years

Records of installation available Yes ☐ No ☒ Records held by

Date of last inspection Not Known Electrical Installation Certificate No. or previous Inspection Report No.

Extent of electrical installation covered by this report:

Agreed Limitations and Operational Limitations (Regulations 653.2)

Installation consists of a 16A incoming supply, to a BS7288 FCU 30mA trip, this supplies a 3 pin socket and a 16A outgoing supply, all cables are in flexible plastic conduit & the FCU & socket are of the "outdoor" type	Unit was tested "dead" only, no supply available at its location.
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Operational limitations including the reasons see page no 1 Agreed with:

The inspection and testing detailed within this report and accompanying schedule has been carried out in accordance with BS 7671: 2018 amended to

It should be noted that cables concealed within trunkings and conduits, under floors, in roof spaces and generally within the fabric of the building or underground have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

Summary of the condition of the installation

General conditions of the installation (in terms of safety)

Satisfactory

Overall assessment of the installation in terms of its suitability for continued use SATISFACTORY ☒ *UNSATISFACTORY ☐

*An UNSATISFACTORY assessment indicates that dangerous (code C1), or potentially dangerous (code C2), Further investigation (code FI) conditions have been identified

Recommendations

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY I/we recommend that any observations classified as 'Danger present' (code C1) or 'Potential dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further Investigation required' (code FI). Observations classified as 'Improvement recommended' (code C3) should be given due consideration. Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by 07/04/2026 (date)

Declaration

I/we being the person(s) responsible for the inspection and the testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section D of this report.

Company	Anston Electrical Limited	Inspected and tested by	Authorised for issue by
Address	30 Orchard Avenue, South Yorkshire,	Name: Andrew Sampson	Andrew Sampson
		Signature: Andrew Sampson	Andrew Sampson
		Position:	
		Date: 07/04/2025	07/04/2025
		Branch No.	
Postcode	S25 4BW	Scheme No.	

Schedule(s)

1 schedule(s) of inspection and 1 schedule(s) of test results are attached.

The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

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Supply characteristics and earthing arrangements

Supply Arrangements

Integral Generator ☐ External Supply/Generator ☒ Simple Separation ☐

Earthing Arrangements TN-S ☒ TT ☐ TN-C-S Supervised ☐ TN-C-S Earthing Confirmed ☐

Number & Type of live conductors AC ☒ DC ☐ No. of phases 1 No. of wires 3

Nature of Supply Parameters (Note: ⁽¹⁾ by enquiry, ⁽²⁾ by enquiry or by measurement)

Nominal voltage, U/U₀ ⁽¹⁾ 230 v Nominal frequency, f ⁽¹⁾ 50 Hz Confirmation of polarity ☒

Prospective fault current, I_{pf} ⁽²⁾ NA kA Supply loop impedance, Z_s Z_s ⁽²⁾ NA Ω

Supply Protective Device BS (EN) BS7288 RCD Type FCU Rated Current 13 A

Other Sources of Supply (as detailed on attached schedule) N/A

Particulars of installation referred to in this report

Details of method of confirmation

Name of Competent Person

Supply Conductors Plug/Socket Outlet: BS60309-1 ☒ Cable Type Cable CSA (mm²)

Details of installation Earth Electrode (where applicable) Type (e.g. rod(s), tape etc) Location Electrode resistance to earth Ω

Means of Earthing Distributors facility ☒ Installation Earth Electrode ☐ Maximum Demand (load)

Main Protective Conductors Material csa (✓) or Value (Ω)

To Unit Structure Copper 2.5 ✓

To Antenna

To External Stairs

Connection / Continuity (✓) or Value (Ω) (✓) or Value (Ω)

Water installation To structural steel

Gas installation pipes To lightning protection

Oil installation pipes Other

Main Switch Location Inside rear compartment

Fuse/device rating or setting 13A A Voltage rating 230 V

BS(EN) BS 7288 RCD No. of Poles 2 Current Rating 13 A

If RCD main switch: Rated residual operating current I Δn 30 mA Measured operating trip time ms

Observations

Referring to the attached schedule of inspection and test results, and subject to the limitations at Section D.

☒ No remedial work required

☐ The following observations are made

Explanation of codes

C1 Danger present. Risk of Injury. Immediate remedial action required.

C2 Potentially dangerous. Urgent remedial action required.

C3 Improvement recommended.

FI Further Investigation required without delay

Item No.	Observations	Code

One of the above codes, as appropriate, has been allocated to each of the observations made above and/or any attached observation sheets to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.

C1	Danger present. Risk of Injury. Immediate remedial action required.	
C2	Potentially dangerous. Urgent remedial action required.	
C3	Improvement recommended.	
FI	Further Investigation required without delay	

Schedule of Inspections

Requirements for Electrical Installations - BS 7671:2018 (IET Wiring Regulations 18th Edition) All items inspections to confirm as appropriate, compliance with the relevant clauses in BS 7671:2018

Outcomes

Acceptable condition:	Unacceptable condition: State	Improvement recommended:	Further Investigation:	Not Verified:	Limitation:	Not Applicable:
	or					

Item No.	Description	Outcome
1.0 Methods of protection against electric shock: Basic protection		
1.1	SELV (717.415.1)	
1.2	PELV (717.415.1)	
1.3	Double insulation (412.1.2)	
1.4	Meter tails	
1.5	Metering equipment	
1.6	Isolator (where present)	
2.0 Fault protection Automatic disconnection of supply		
2.1	Presence of Earthing Conductor (411.3.1.1)	
2.2	Presence of circuit protective conductors (411.3.1.1)	
2.3	Provision of protective bonding conductors finely stranded (717.411.3.1.2)	
2.4	Presence of earthing arrangements for other sources where applicable (542.1.1)	
2.5	Presence of earthing arrangements for combined protective and functional purposes (543.5.1)	
2.6	Choice and setting of protective and monitoring devices (for fault and/or overcurrent protection) (411.6.3)	
2.7	Provided for one item of current-using equipment (413.1.2)	
2.8	Provided for more than one item of current-using equipment (418.3)	
2.9	Earth Electrode (Where Applicable) (717.313)	
2.10	Where supplied by a plug and socket, flexible cable is 2.5mm Minimum (717.52.1)	
2.11	Condition of enclosure(s) in terms of IP rating etc (416.2)	
3.0 Additional protection		
3.1	Presence of residual current device(s) (717.411.1)	
3.2	Presence of supplementary bonding conductors (415.2)	
4.0 Prevention mutual detrimental influences		
4.1	Proximity to non-electrical services and other influences (717.528.3.4)	
4.2	Segregation of Band I and Band II circuits or use of Band II insulation (528.1)	
4.3	Segregation of safety circuits (560.7.1)	
5.0 Identification and Notices		
5.1	Presence of diagrams, instructions, circuit charts and similar information Including:	
5.2	a) Types of supply (717.514)	
5.3	b) Voltage rating (717.514)	
5.4	c) No. of supplies / phases (717.514)	
5.5	d) On board Earthing Arrangement (717.514)	
5.6	e) Maximum Demand (717.514)	
5.7	f) Presence of danger notices and other warning notices (514.1.1)	
5.8	g) Labelling of protective devices, switches and terminals (514.1.1)	
5.9	h) Identification of conductors (514.3.1)	
6.0 Cables and Conductors		
6.1	Selection of conductors for current-carrying capacity and voltage drop (Section 523)	
6.2	Erection methods (GN1)	
6.3	Routing of cables in prescribed zones (522.6.202)	
6.4	Cables incorporating earthed armour or sheath, or run within an earthed wiring system, or otherwise adequately protected against nails, screws and the like (522.6.204)	
6.5	Additional protection provided by 30 mA RCD for cables concealed in walls (where required in premises not under the supervision of a skilled or instructed person) (522.6.204)	
6.6	Connection of conductors (526.1)	
6.7	Presence of fire barriers, suitable seals and protection against thermal effects (Section 527)	
7.0 General		
7.1	Presence and correct location of appropriate devices for isolation and switching (537.3.1.1)	
7.2	Adequacy of access to switchgear and other equipment (132.12 + 513.1)	
7.3	Particular protective measures for special installations and locations (Section 7)	
7.4	Connection of single-pole devices for protection or switching in line conductors only	
7.5	Correct connection of accessories and equipment (530.3.2)	
7.6	Presence of undervoltage protective devices (445.1)	
7.7	Selection of equipment and protective measures appropriate to external influences (512.2)	
7.8	Selection or appropriate functional switching devices (537.5.1.1)	
7.9	Adequate arrangements where a Generating set is used as an alternative to a Public Supply (551.6)	

Schedule of Inspections

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7.10 Other comments / Inspections		
7.10	List all other comments or Inspections	

8.0 Schedule of Tests			Results to be recorded on Schedule of Test Results		
8.1	External earth loop impedance, Z ^e		8.9	Insulation Resistance between Live Conductors	
8.2	Installation earth electrode		8.10	Insulation Resistance between Live Conductors & Earth	
8.3	Prospective fault current, I _{pf}		8.11	Polarity (prior to energisation)	
8.4	Continuity of Earth Conductors		8.12	Polarity (after energisation) including phase sequence	
8.5	Continuity of Circuit Protective Conductors		8.13	Earth Fault Loop Impedance	
8.6	Continuity of ring final circuit		8.14	RCDs/RCBOs including selectivity	
8.7	Continuity of Protective Bonding Conductors		8.15	Functional testing of RCD devices	
8.8	Volt drop verified		8.16	Functional testing of AFDD(s) devices	

Inspector's Name:

Date:

Signature:

Andrew Sampson

MOBILE/TRANSPORTABLE UNIT ELECTRICAL INSTALLATION CONDITION
REPORT - Schedule of Tests

Schedule of Tests

Requirements for Electrical Installations
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Company Name: Anston Electrical Limited
Company Address: 30 Orchard Avenue
Postcode: S25 4BW
Branch No.:
Scheme No.: 21058
Client: Simply Prosecco
Installation Address: Simply Prosecco, 15 Yew Tree Avenue, North Anston, Sheffield
Postcode: S25 4EW
Distribution board details - Complete in every case
Location: Inside rear compartment
Designation: DB 1
Num. of ways: 1
Num. of phases: 1
Supply polarity confirmed: [checked]
Phase sequence confirmed: []
Complete only if the distribution board is not connected directly to the origin of the installation
Supply to distribution board is from:
Overcurrent protective device for the distribution circuit: Type: BS(EN) Rating: A Voltage: V
Characteristics at this distribution board
Associated RCD(if any): BS (EN)
Operating at 1 IΔn ms
Above 30mA (if applicable)
30mA or below
Zd Ω No. of poles
Ipf kA IΔn ms
Operating at 5 IΔn ms
Time delay (if applicable)
Test instrument serial number(s)
Loop impedance
Insulation resistance: MFT1711-
Continuity: MFT1711-
RCD: MFT1711-

Circuit Details														Test Results														
Circuit No. and Line No.	Distribution board Designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²)		Maximum disconnection	Overcurrent protective devices			Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other (Ω)	Circuit impedance Ω						Insulation resistance (Record lower reading)			Polarity (✓)	Max. Measured Zs (Ω)	RCD testing		Manual test button operation	
	DB 1				L / N	CPC		BS EN Number	Type No.	Rating (A)				Ring final circuits only (measured end-to-end)			Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2 R2	Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	IΔn ms			30mA or below 5 IΔn ms	RCD (✓)	AFDD (✓)	
	Circuit designation													r1	r _n	r2												
1/S	Socket	2	B	1	2.5	2.5	0.4	60898 MCB	B	32	10		1.09	N/A	N/A	N/A	N/A	0.05	0.02	500	NA	>99.9	✓	NT	NT	NT	LIM	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing Date(s) dead testing 08/04/2025 To 08/04/2025 Date(s) live testing Not Specified To Not Specified
Tested by: Name (capital letters) ANDREW SAMPSON Position Electrician Date 08/04/2025
Signature Andrew Sampson
Wiring Types. 1 PVC/PVC 2 Single Insulated in Conduit or Trunking 3 Mineral Insulated 4 SWA / XPLE 5 FP200 6 Other