

SECTION A: DETAILS OF THE CLIENT / PERSON ORDERING THE REPORT

Membership number: **EMSS26**

Name: **Watsons Cafe Express**
Address: **Bridgenorth**

SECTION B: REASON FOR PRODUCING THIS REPORT

Date(s) on which inspection and testing was carried out

Yearly test

SECTION C: DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier: **Catering trailer tested on long lead at**
Address: **Everedays Bridge.**

Description of premises (tick as appropriate)	Domestic	Commercial	<input checked="" type="checkbox"/> Industrial	Other (include brief description)
Estimated age of wiring system	3 years	Evidence of additions / alterations	Yes	No <input checked="" type="checkbox"/> Not apparent
If yes, estimate age	years	Installation records available? (Regulation 621.1)	Yes	No
			Yes	No
			Date of last inspection	2016 (date)

SECTION D: EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of electrical installation covered by this report: **catering van only**

Agreed limitations including the reasons (see Regulation 634.2):

Agreed with: **customer** Operational limitations including the reasons (see page no.)

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2008 (IET Wiring Regulations) as amended to It should be noted that cables concealed within trunking 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.

SECTION E: SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety): **Satisfactory**

Overall assessment of the installation in terms of its suitability for continued use: **SATISFACTORY / UNSATISFACTORY**** (delete as appropriate).
* An unsatisfactory assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified

SECTION F: 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 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further investigation required' (code F). Observations classified as 'Improvements 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 **18/1/18** (date)

SECTION G: DECLARATION

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, 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.

Inspected and tested by:	Name (CAPITALS):	Signature:	For/on behalf of:
Position:	Address:	Date:	Date:
Report authorised for issue by: Name (CAPITALS):	Address:	Signature:	For/on behalf of:
Position:	Address:	Date:	Date:

SECTION H: 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.

SECTION I: SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Tick boxes and enter details, as appropriate

Earthing arrangements	Number and type of live conductors	Nature and type of supply parameters	Supply protective device
TN-C	a.c. <input checked="" type="checkbox"/> d.c.	Nominal voltage, U / U ₀ ⁽¹⁾	V BS (EN) Type
TN-S	<input checked="" type="checkbox"/> 1-phase, 2-wire	Nominal frequency, f ⁽¹⁾	Hz <input type="checkbox"/> KA
TN-C-S	<input type="checkbox"/> 2-phase, 3-wire	Prospective fault current, I _{pf} ⁽²⁾	KA <input type="checkbox"/> Rated current
TT	<input type="checkbox"/> 3-phase, 3-wire	External loop impedance, Z _e ⁽²⁾	Ω <input type="checkbox"/> A
IT	<input type="checkbox"/> 3-phase, 4-wire	Note: (1) by enquiry, (2) by enquiry or by measurement	
Confirmation of supply polarity			
Other sources of supply (as detailed on attached schedule)			

SECTION J: PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Tick boxes and enter details, as appropriate

Means of earthing	Details of Earth Electrode (where applicable)
Distributor's facility	<input checked="" type="checkbox"/> Type
Installation earth electrode	Location
	Resistance to earth

Main protective conductors

Earthing conductor	Material	CSA	mm ²	Connection/continuity verified
Main protective bonding conductors (to extraneous-conductive-parts)	Copper	CSA	10	mm ² Connection/continuity verified <input checked="" type="checkbox"/>
To water installation pipes	To gas installation pipes	To oil installation pipes	To structural steel	
To lightning protection	To other	Specify	chassis	

Main switch / Switch-fuse / Circuit-breaker / RCD

Location	Current rating	A	Rated residual operating current (I _{Δn})	mA
Location 61009 / 61009	80	A		
Fuse / device rating or setting	80	A	Rated time delay	300 over
BS (EN)	No. of poles 2	Voltage rating	250	V Measured operating time (at I _{Δn})
				ms

SECTION K: OBSERVATIONS

Referring to the attached schedules of inspection and test results, and subject to the limitations specified in the *Extent and Limitations of Inspection and testing section*

No remedial action is required
The following observations are made: (See below)

Observation(s) Include schedule reference, as appropriate

Classification code

socket changed

done

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action required. 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. Use **additional form if required**.

CONDITION REPORT INSPECTION SCHEDULE

NOTE: This form is suitable for many types of smaller installations not exclusively domestic

Item no	Description	Outcome
		(Use codes above, provide additional comment where appropriate. C1, C2, C3 and F codes should be recorded in Section 6 of the Condition Report)
1.0	ELECTRICAL INTAKE EQUIPMENT	
	Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.	
1.1	Service cable	
1.2	Service head	
1.3	Distributor's earthing arrangements	
1.4	Meter tails - Distributor/Consumer	
1.5	Metering equipment	
1.6	Isolator	
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	
3.0	AUTOMATIC DISCONNECTION OF SUPPLY	
3.1	Main earthing/bonding arrangements (411.3; Chap 54): <ul style="list-style-type: none"> • Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3) • Adequacy of earthing conductor size (542.3; 543.1.1) • Adequacy of earthing conductor connections (542.3.2) • Accessibility of earthing conductor connections (543.3.2) • Adequacy of main protective bonding conductor sizes (544.1) • Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) • Accessibility of all protective bonding connections (543.3.2) • Provision of earthing/bonding labels at all appropriate locations (514.13) 	
3.2	FELV - requirements satisfied (411.7; 411.7.1)	
4.0	OTHER METHODS OF PROTECTION	
4.1	Non-conducting location (418.1)	
4.2	Earth-free local equipotential bonding (418.2)	
4.3	Electrical separation (Section 413; 418.3)	
4.4	Double insulation (Section 412)	
4.5	Reinforced insulation (Section 412)	
5.0	DISTRIBUTION EQUIPMENT	
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	
5.2	Security of fixing (134.1.1)	
5.3	Condition of insulation of live parts (416.1)	
5.4	Adequacy/security of barriers (416.2)	
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	
5.7	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))	
5.8	Presence and effectiveness of obstacles (417.2)	
5.9	Presence of main switch(es), linked where required (537.1.2; 537.1.4)	
5.10	Operation of main switch(es) (functional check) (612.13.2)	
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (612.13.2)	
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (612.13.1)	
5.13	RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2)	
5.14	RCD(s) provided for additional protection, where required - includes RCBOs (411.3.3; 415.1)	
5.15	Presence of RCD quarterly test notice at or near equipment, where required (514.12.2)	
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	
5.19	Presence of next inspection recommendation label (514.12.1)	
5.20	Presence of other required labelling (please specify) (Section 514)	

Item no	Description	Outcome
5.21	Examination of protective device(s) and bases(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4., 5., 6. Sections 432, 433)	✓
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)	✓
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11)	✓
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	✓
6.0	DISTRIBUTION CIRCUITS	
6.1	Identification of conductors (514.3.1)	✓
6.2	Cables correctly supported throughout their run (522.8.5)	✓
6.3	Condition of insulation of live parts (416.1)	✓
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	✓
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	✓
6.6	Cables correctly terminated in enclosures (Section 526)	✓
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✓
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	✓
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	✓
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	✓
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	✓
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	✓
6.15	Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions containing metal parts <ul style="list-style-type: none"> installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204;) 	✓
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	✓
6.17	Band II cables segregated/separated from Band I cables (528.1)	✓
6.18	Cables segregated/separated from non-electrical services (528.3)	✓
6.19	Condition of circuit accessories: (621.2.(iii))	✓
6.20	Suitability of circuit accessories for external influences (512.2)	✓
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)	✓
6.22	Adequacy of connections, including pc's, within accessories and to fixed and stationary equipment - identify/record numbers and locations of items inspected (Section 526)	✓
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (537.2)	✓
6.24	General condition of wiring systems (621.2.(ii))	✓
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	✓
7.0	FINAL CIRCUITS	
7.1	Identification of conductors (514.3.1)	✓
7.2	Cables correctly supported throughout their run (522.8.5)	✓
7.3	Condition of insulation of live parts (416.1)	✓
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	✓
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	✓
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	✓
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	✓
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	✓
7.11	Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage (522.6.204) <ul style="list-style-type: none"> installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.201; 522.6.203) or 	✓
7.12	Provision of additional protection by 30 mA RCD <ul style="list-style-type: none"> for circuits used to supply mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) for all socket-outlets of rating 20 A or less unless exempt (411.3.3) for cables concealed in walls at a depth of less than 50 mm (522.6.202, .203) for cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) 	✓

Use codes above, provide additional comment where appropriate. C1, C2, C3 and F1 coded items to be recorded in Section K of the Condition Report!

OUTCOMES

Acceptable condition



Unacceptable condition

State C1 or C2

Improvement recommended

State C3

Further investigation

FI

Not verified

NV

Limitation

Lim

Not applicable

N/A

Item no	Description	Outcome
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	
7.14	Band II cables segregated/separated from Band I cables (528.1)	} S/A } S/A } S/A
7.15	Cables segregated/separated from non-electrical services (528.3)	
7.16	Termination of cables at enclosures - identify/record numbers and locations of items inspected (Section 526)	
	<ul style="list-style-type: none"> Connections under no undue strain (526.6) No basic insulation of a conductor visible outside enclosure (526.8) Connections of live conductors adequately enclosed (526.5) 	} S/A } S/A } S/A
7.17	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	} S/A } S/A } S/A
7.18	Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii))	
7.19	Suitability of accessories for external influences (512.2)	} S/A } S/A } S/A
8.0	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.2)	
	ISOLATION AND SWITCHING	
8.1	Isolators (537.2)	} S/A } S/A } S/A
	<ul style="list-style-type: none"> Presence and condition of appropriate devices (537.2.2) Acceptable location – state if local or remote from equipment in question (537.2.1.5) Capable of being secured in the OFF position (537.2.1.2) Correct operation verified (612.13.2) Clearly identified by position and/or durable marking (537.2.2.6) Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3) 	} S/A } S/A } S/A
8.2	Switching off for mechanical maintenance (537.3)	} S/A } S/A } S/A
	<ul style="list-style-type: none"> Presence and condition of appropriate devices (537.3.1.1) Acceptable location-state if local or remote from equipment in question (537.3.2.4) Capable of being secured in the OFF position (537.3.2.3) Correct operation verified (612.13.2) Clearly identified by position and/or durable marking (537.3.2.4) 	} S/A } S/A } S/A
8.3	Emergency switching/stopping (537.4)	} S/A } S/A } S/A
	<ul style="list-style-type: none"> Presence and condition of appropriate devices (537.4.1.1) Readily accessible for operation where danger might occur (537.4.2.5) Correct operation verified (537.4.2.6) Clearly identified by position and/or durable marking (537.4.2.7) 	} S/A } S/A } S/A
8.4	Functional switching (537.5)	} S/A } S/A } S/A
	<ul style="list-style-type: none"> Presence and condition of appropriate devices (537.5.1.1) Correct operation verified (537.5.1.3; 537.5.2.2) 	} S/A } S/A } S/A
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)	
9.1	Condition of equipment in terms of IP rating etc (416.2)	} S/A } S/A } S/A
9.2	Equipment does not constitute a fire hazard (Section 421)	
9.3	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))	} S/A } S/A } S/A
9.4	Suitability for the environment and external influences (512.2)	
9.5	Security of fixing (134.1.1)	} S/A } S/A } S/A
9.6	Cable entry holes in ceiling above luminaries, sized or sealed so as to restrict the spread of fire: List number and location of luminaries inspected (separate page)	
9.7	Recessed luminaries (downlights)	} S/A } S/A } S/A
	<ul style="list-style-type: none"> Correct type of lamps fitted Installed to minimise build-up of heat by use of "fire rated" fittings, insulation displacement box or similar (421.1.2) No signs of overheating to surrounding building fabric (559.4.1) No signs of overheating to conductors / terminations (526.1) 	} S/A } S/A } S/A
10.0	PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	
10.1	If any special installations or locations are present, list the particular inspections applied.	} S/A } S/A } S/A

Outcome
(Use codes above; provide additional comment where appropriate, C1, C2, C3 and FI coded items to be recorded in Section 7 of the Condition Report)

INSPECTED BY:

Name (CAPITALS)

R Williams

Signature

Date

8/1/17

SCHEDULE OF TEST RESULTS

DB Reference no. RSTL	Details of circuits and/or installed equipment vulnerable to damage when testing	Details of test instruments used (state serial and/or asset numbers)
Location under counter		Continuity As logged
Zs at DB (Ω) 2.38/2.38 Ipr at DB (kA)		Insulation resistance
Correct polarity of supply confirmed <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Earth fault loop impedance
Phase sequence confirmed (where appropriate) 12A		RCD <input checked="" type="checkbox"/> Earth electrode resistance <input checked="" type="checkbox"/>

Tested by: Name (CAPITALS) **K. Williams**
 Signature *[Handwritten Signature]*
 Date **8/1/17**

CIRCUIT DETAILS

Circuit number	Circuit description	Overcurrent device			Conductor details							Ring final circuit continuity (Ω)			Continuity (Ω) (R1 + R2) or R2		Insulation resistance (MΩ)		Polarity		Zs (Ω)	RCD (ms)		Test button operation	Remarks (continue on a separate sheet if necessary)						
		BS (EN)	Type	Rating (A)	Breaking capacity (kA)	Reference method	Live (mm ²)	CPD (mm ²)	r1 (line)	r1n (neutral)	r2 (CPD)	(R1 + R2)*	R2	Live - Live	Live - Earth	Insert ✓	Ω	@1A ¹	@51A ¹												
4/H	RSTL			80	10		6.0	6.0																		18.3	14.5	<input checked="" type="checkbox"/>			
	40A supply	60878	T	40	6		6.0	6.0																							
	Back Sockets	60878	B	32	6		2.5	2.5	.27	.25	.3																				
	Front Sockets	60878	B	20	6		2.5	2.5																							
	Lighting	60878	B	16	6		2.5	2.5																							
		60878	B	10	6		1.5	1.5																							
	40A	61009	B	20	6		6.0	6.0																							
	Back Sockets	60898	B	32	6		2.5	2.5	.22	.21	.22																				
	Front Sockets	60898	B	20	6		2.5	2.5																							
	fused spur	60898	B	16	6		2.5	2.5																							
	40A	61009	B	10	10		6.0	6.0																							

* Where there are no spurs connected to a ring final circuit this value is also the (R1 + R2) of the circuit.