



# **Electrical Installation Condition Report**

Requirements for Electrical Installations - BS 7671:2018+A2:2022 (IET Wiring Regulations 18th Edition)

## **Guidance for recipients:**

### This report is an important and valuable document which should be retained for future reference.

- 1. The purpose of this 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 limitations of this inspection, be fully identified. Such give rise to danger (see Section K).
- 2. This Report is only valid if accompanied by the Inspection Schedule(s) and the Schedule(s) of Circuit Details and Test Results.
- 3. The person ordering the Report should have received the original Report and the inspector should have retained a duplicate.
- 4. 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 property is vacated, this Report will provide the new owner / occupier with details of the condition of the electrical installation at the time the Report was issued.
- 5. Section D (Extent and Limitations) should identify fully the extent of the 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 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 confirm it is in operational condition in accordance with risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
- 8. For items classified in Section K as C2 ("Potentially Dangerous"), the safety of those using the installation may be at risk and 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 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 (where required).
- 11. Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or 'Test'. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. For safety reasons it is important that this instruction is followed.
- 12. Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.
- 13. Where the installation includes a surge protective device (SPD) the status indicator should be checked to manufacturer's information. If the indication shows that the device is not operational, seek expert advice. For safety reasons it is important that this instruction is followed.
- 14. Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.

# **ELECTRICAL INSTALLATION CONDITION REPORT**

FT/EICR 3486000001700

for Industrial/Commercial Premises

Requirements for Electrical Installations BS 7671:2018+A2:2022 (IET Wiring Regulations 18th Edition)





A. D	etails of the Inst	tallation			
	Client	WESSEX RFCA	Inst	tallation	2469 EXETER STREET THOMAS SQUADRON
	Address	MOUNT HOUSE MOUNT STREET TAUNTON SOMERSET	Ado	dress	2469 EXETER STREET THOMAS SQUADRON COWICK BARTON PLAYING FIELDS OLD VICARAGE ROAD EXETER DEVON
	Postcode	TA1 3QU	Pos	stcode	EX2 9BL
B. R	eason for Produ	icing this Report This form is to be used of	only for repor	ting on the condition of	an existing installation.
	SAFETY				
	Date(s) on which the	e inspection and testing were carried out 08/11/202	2	to 08/11/2022	
C. D	etails of Installa	tion which is the Subject of this Report			
	Description of premi	ses Domestic Commercial	Industrial	Other (please specif	y)
	Estimated age of the		ars		
	Evidence of alteration		ot apparent	if 'Yes', estimated	years
	Records of installation		ecords held by	to No. or provious Improstice	Percet No.
D =	Date of last inspecti		lation Certificat	te No. or previous Inspectior	
D. E		al Installation Covered by this Report:			
	AS PER SCHEDUL	.ES - DB1 INCLUDING ALL OUTGOING CIRCUITS	j		
	Agreed Limitations	s and Operational Limitations (Regulations 653.2	)		
	Agreed with:	Extent of	Termination Sa	mpling:	
	The inspection and				rdance with BS 7671: 2018 (IET Wiring Regulations)
	amended to 2022			and one will will be a fall of	of the heilding and appropriate to the NOT have in some dis-
		cables concealed within trunkings and conduits, under floo eed between the client and inspector prior to the inspection			
E. S		Condition of the Installation		sment of the installation in	SATISFACTORY  *UNSATISFACTORY
		of the installation (in terms of electrical safety)	terms of its su	itability for continued use	
	SATISFACTORY				
	*An UNSATISFACT	ORY assessment indicates that dangerous (code C1)	or potentially d	langerous (code C2) conditio	ns have been identified
F. R	ecommendation				
	present' (code C1) or		er of urgency. Inv	estigation without delay is recor	mmended for observations identified as 'Further Investigation
		oservations classified as 'Improvement recommended' (constallation is further inspected and tested by 08/11/202		given due consideration. Subje r the following reasons:	ect to the necessary remedial action being taken, I/we
				<u> </u>	
G. D	Declaration  I/we being the person	(s) responsible for the inspection and testing of the electric	al 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 assessment of the condition of the electrical installation tak	hereby declare th	hat the information in this report	, including the observations and the attached schedules,
	Company	Technical Electrical Engineering Ltd t/a Mr Electric	¬ĭ	Inspected and test	•
			Name:	Leo Kessell	Steve Creese
	Address	Wheal Kitty Studios, Wheal Kitty, St Agnes,		1 hallell	
			Signature:	L. nelson	
	Postcode Branch No.	TR5 0RD	Position:	Technician	Qualified Supervisor
	Scheme No.	019875	Date:	08/11/2022	14/11/2022
			_		

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H. Schedule(s) of inspection and schedule(s) of Circuit Details and 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.	
I. Supply Characteristics and Earthing Arrangements	
Earthing Arrangements TN-S TN-C-S TT Other Please specify	
Number & Type of live conductors AC 🗸 DC 🗌 No. of phases 3 No. of wires 4	
Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)	
Nominal voltage, U/U₀ (¹) 400/230 v Nominal frequency, f(¹) 50 H₂ Confirmation of supply polarity ✓	
Prospective fault current, $I_{pf}^{(2)}$ 3.05 kA External loop impedance, $Z_e^{(2)}$ 0.23 $\Omega$	
Supply Protective Device BS (EN) 1361 Fuse HBC 1 Type 1 Rated Current 100 A	
No. of Additional Supplies 0	
J. Particulars of Installation Referred to in this Report	
	7
Location Electrode resistance to earth Ω Maximum Demand (load) 60 Amps V KVA	=
Main Protective Conductors Material csa (√) or Value (√) or Value	
Earthing Conductor Copper 16 mm² Continuity Verified	Ω
Protective Bonding Conductor Copper 10 mm² Continuity Verified ✓ Connection Verified ✓	Ω
sink	
THE ROD Main Switch. Reted residual operating earlier Film MA Oil installation pipes MA Of Other	1
Earthing Arrangements TN-S TN-C-S V TT Other Please specify  Number & Type of live conductors AC V DC No. of phases 3 No. of wires 4  Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)  Nominal voltage, U/U <sub>0</sub> (1) 400/230 V Nominal frequency, f(1) 50 H <sub>z</sub> Confirmation of supply polarity V  Prospective fault current, I <sub>pt</sub> (2) 3.05 kA External loop impedance, Z <sub>e</sub> (2) 0.23 Ω  Supply Protective Device BS (EN) 1361 Fuse HBC 1 Type 1 Rated Current 100 A  No. of Additional Supplies 0  J. Particulars of Installation Referred to in this Report  Details of installation Earth Electrode (where applicable) Type (e.g. rod(s), tape etc) Distributors facility V Installation Earth Electrode Location Electrode resistance to earth Ω Maximum Demand (load) 60 Amps V KVA  Main Protective Conductors Material csa (✓) or Value (✓) or Value  Earthing Conductor Copper 16 mm² Continuity Verified V Ω Connection Verified	
K. Observations Explanation of codes	
No remedial work required	
Could be a large street on a service of with both delay.	$\exists$
The following observations are made	
	_
	e
	_
	$\dashv$
limitations) (522.6.204) -Only checked where visible	$\perp$
5 DB - : 5.16 Cables segregated/separated from non-electrical services (528.3) Only checked where visible	
	(s)
Danger present. Risk of Injury. Immediate remedial action required.	
Potentially dangerous. Urgent remedial action required.	
Improvement recommended.	
Further Investigation required without delay	

# **ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Inspections**

for Industrial/Commercial Premises

Requirements for Electrical Installations BS7671:2018+A2:2022 (IET Wiring Regulations 18<sup>th</sup> Edition)





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	or G			NV			W					
tem No.	Description						Outcom					
.0 INTAKE	E EQUIPMENT (VISUAL II	NSPECTION ONLY	);									
1.1	Service cable		,									
1.1.1	Service head											
1.1.2	Earthing arrangement											
1.1.3	Meter tails											
1.1.4	Metering equipment											
1.1.5	Isolator (where present)											
1.1.6	Person ordering work/dutyholder notified (Delete as appropriate) NOTE 1 Where inadequacies in the intake equipment are encountered, which may result in a dangerous or potentially dangerous situation, the person ordering the work and/or dutyholder must be informed. It is strongly recommended that the person ordering the work informs the appropriate authority. NOTE 2 For this section only, where inadequacies are found, an X should be put against the appropriate item and a comment made in Section K											
1.2	Consumer's Isolator (wh	ere present)										
1.3	Consumer's meter tails											
0 PRESE	NCE OF ADEQUATE ARI	RANGEMENTS FO	R PARALLEL OR	SWITCHED ALTER	RNATIVE SOURCE	S						
2.1	Adequate arrangements	where a generating	set operates as a	switched alternative	e to the public supp	ly (551.6)	N/A					
2.2	Adequate arrangements	where a generating	set operates in p	arallel with the public	c supply (551.7)		NA					
0 AUTON	MATIC DISCONNECTION	OF SUPPLY										
3.1	Main earthing/bonding a											
3.1.1	Presence of distributor's	earthing arrangeme	ent (542.1.2.1; 542	2.1.2.2)								
3.1.2	Presence of installation			3)			NA)					
3.1.3	Adequacy of earthing co	nductor size (542.3	; 543.1.1)									
3.1.4	Adequacy of earthing co		,									
3.1.5	Accessibility of earthing	conductor connection	ons (543.3.2)									
3.1.6	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)											
3.1.7	Adequacy and location of	of main protective bo	onding conductor of	connections (543.3.2	2; 544.1.2)							
3.1.8	Accessibility of all protect	ctive bonding connec	ctions (543.3.2)									
3.1.9	Provision of earthing/bor	nding labels at all ap	propriate location	s (514.13)								
3.2	FELV - requirements sat	tisfied (411.7; 411.7	.1)									
.0 OTHER heets)	R METHODS OF PROTEC	TION (where any o	f the methods lis	ted below are emp	loyed details shou	ıld be provided on se	parate					
4.1	Non-conducting location	(418.1)					N/A)					
4.2	Earth-free local equipote	ential bonding (418.2	2)				NA					
4.3	Electrical separation (Se	ection 413; 418.3)					NA)					
4.4	Double insulation (Section	on 412)					NA)					
4.5	Reinforced insulation (S	ection 412)					NA)					
0 DISTRII	BUTION EQUIPMENT											
5.1	Adequacy of working spa	ace/accessibility to	equipment (132.12	2; 513.1)								
5.2	Security of fixing (134.1.	1)										
5.3	Condition of insulation of	f live parts (416.1)										
5.4	Adequacy/security of ba	rriers (416.2)										
5.5	Condition of enclosure(s	) in terms of IP ratin	g etc (416.2)									
5.6	Condition of enclosure(s	) in terms of fire rati	ng etc. (421.1.6; 4	21.1.201; 526.5)								
5.7	Enclosure not damaged	deteriorated so as t	o impair safety (65	51.2)								
5.8	Presence and effectiven	ess of obstacles (41	7.2)				N/A					
5.9	Presence of main switch	n(es), linked where r	equired (462.1; 46	2.1.201; 462.2)								
5.10	Operation of main switch	n(es) (functional che	ck) (643.10)									
5.11	Manual operation of circ	uit-breakers RCDs a	and AFDDs to pro	ve functionality (643	.10)		<b>⊘</b>					
5.12	Confirmation that integra	al test button/switch	causes RCD(s) to	trip when operated	(functional check) (	643.10)						
5.13	RCD(s) provided for faul	t protection – includ	es RCBO(s) (411.	4.204; 411.5.2; 531.	.2)							
5.14	RCD(s) provided for add	litional protection / re	equirements, whe	e required - include	s RCBO(s) (411.3.3	3; 415.1)						
5.15	Presence of RCD six-mo	onthly test notice at	or near equipment	, where required (51	14.12.2)							
5.16	Presence of diagrams, c	harts or schedules	at or near equipme	ent, where required (	(514.9.1)							
5.17	Presence of alternative s	supply warning notic	e at or near equip	ment, where require	ed (514.15)		NA					
5.18	Presence of next inspec	tion recommendatio	n label (514.12.1)									
5.19	Presence of other requir	ed labelling (please	specify) (Section	514)								

## **ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of** Inspections

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5.20	Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)(411.3.2; 411.4; 411.5; 411.6; Sections 432; 433)	
5.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	
DISTRI	BUTION EQUIPMENT CONT.	
5.22	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	<b></b>
5.23	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	<b>Q</b>
DISTRI	BUTION CIRCUITS	
6.1	Identification of conductors (514.3.1)	
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	<b>Q</b>
6.3	Condition of insulation of live parts (416.1)	<b></b>
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. (521.10.1)	<b>Q</b>
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	<b></b>
6.6	Cables correctly terminated in enclosures (Section 526)	<b>Q</b>
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	<b>~</b>
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	$\bigcirc$
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	$\bigcirc$
3.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	$\checkmark$
3.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	$\bigcirc$
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	$\bigcirc$
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	<b>⊘</b>
3.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	$\bigcirc$
	ES CONCEALED UNDER FLOORS, ABOVE CEILINGS, IN WALLS/PARTITIONS LESS THAN 50 MM FROM A SURFACE, AI	ND IN
	IS CONTAINING METAL PARTS	
15.1	Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)	
15.2	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)	
5.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	$\underline{\hspace{0.1cm}}$
5.17	Band II cables segregated/separated from Band I cables (528.1)	<u> </u>
3.18	Cables segregated/separated from non-electrical services (528.3)	<u> </u>
3.19	Condition of circuit accessories (651.2)	
3.20	Suitability of circuit accessories for external influences (512.2)	$\underline{\hspace{0.1cm}}$
5.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	<u> </u>
5.22	Adequacy of connections, including cpc's, within accessories and to fixed and stationary equipment – identify/ record numbers and locations of items inspected (Section 526)	<u> </u>
5.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	$\underline{\hspace{1cm}}$
5.24	General condition of wiring systems (651.2)	<u> </u>
3.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	$\underline{\hspace{1cm}}$
	IMER UNIT/DISTRIBUTION BOARD	
7.1	Adequacy of working space / accessibility to consumer unit/distribution board (132.12; 513.1)	
7.2	Security of fixing (134.1.1)	<u> </u>
7.3	Condition of enclosure(s) in terms of IP rating (barriers etc.)(416.2)	<u> </u>
7.4	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	<u> </u>
7.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	
.5.1	Presence and effectiveness of obstacles (417.2)	N/A
7.6	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	
7.7	Operation of main switch(es) (functional check) (643.10)	
7.8	Manual operation of circuit-breakers, RCD(s) and AFDD's to prove functionality (643.10)	<u> </u>
7.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	
7.10	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	<u> </u>
	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	N/A
	Presence of other required labelling (Please specify) Section 514)	
7.12 7.13	Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432; 433)	<u> </u>
7.12 7.13 7.14	damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432; 433) Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3))	<b>2</b>
7.12 7.13 7.14 7.15	damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432; 433)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3))  Protection against mechanical damage where cables enter distribution board (522.8.1; 522.8.5; 522.8.11)	<b>⊘</b>
7.11 7.12 7.13 7.14 7.15 7.16	damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432; 433)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3))  Protection against mechanical damage where cables enter distribution board (522.8.1; 522.8.5; 522.8.11)  Protection against electromagnetic effects where cables enter distribution board (521.5.1)	<b>S</b>
7.12 7.13 7.14 7.15	damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432; 433)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3))  Protection against mechanical damage where cables enter distribution board (522.8.1; 522.8.5; 522.8.11)  Protection against electromagnetic effects where cables enter distribution board (521.5.1)  RCD(s) provided for fault protection – includes RCBO(s)(411.4.204; 411.5.2; 531.2)	
7.12 7.13 7.14 7.15 7.16	damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432; 433)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3))  Protection against mechanical damage where cables enter distribution board (522.8.1; 522.8.5; 522.8.11)  Protection against electromagnetic effects where cables enter distribution board (521.5.1)	
7.12 7.13 7.14 7.15 7.16 7.17	damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432; 433)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3))  Protection against mechanical damage where cables enter distribution board (522.8.1; 522.8.5; 522.8.11)  Protection against electromagnetic effects where cables enter distribution board (521.5.1)  RCD(s) provided for fault protection – includes RCBO(s)(411.4.204; 411.5.2; 531.2)	

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7.22	Adequate arrangements where a generating set operates in parallel with public supply (551.7)	(N/A)
0 FINAL	CIRCUITS	
8.1	Identification of conductors (514.3.1)	$\bigcirc$
8.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	$\bigcirc$
8.3	Condition of insulation of live parts (416.1)	$\bigcirc$
8.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. (521.10.1)	$\bigcirc$
8.4.1	To include the integrity of conduit and trunking systems (metallic and plastic)	
8.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	
8.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	
8.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	
8.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	
8.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	
8.10	Cables Concealed Under Floors, Above Ceilings Or In Walls/ Partitions, Adequately Protected Against Damage (522.3.201, 202, 203, 204)	
8.10.1	Installed in prescribed zones (see Section D. Extent and limitation) (522.6.201, 204)	
8.10.2	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; 522.6.204)	<b>Ø</b>
12 PROV	SION OF ADDITIONAL PROTECTION/REQUIREMENTS BY 30 mA RCD	
8.12.1	For all socket-outlets of rating 32 A or less unless an exception is permitted (411.3.3)	
8.12.2	For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	
8.12.3	For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)	
8.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	
8.12.5	Final circuits supplying luminaries within domestic (household) premises (411.3.4)	N/A
8.12.6	For lighting that is accessible to the public (714.411.3.4)	Ø
8.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	
	CIRCUITS CONT.	
9.14	Band II cables segregated/separated from Band I cables (528.1)	
9.15	Cables segregated/separated from communications cabling (528.2)	
9.16	Cables segregated/separated from non-electrical services (528.3)	
9.17	Terminations of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526)	
9.17.1	Connection soundly made and under no undue strain (526.6)	
9.17.1	No basic insulation of a conductor visible outside enclosure (526.8)	
9.17.3	Connections of live conductors adequately enclosed (526.5)	
9.17.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	
9.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2 (v))	
9.19	Suitability of accessories for external influences (512.2)	
9.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)	
9.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	$\overline{\hspace{1cm}}$
	TOR (SECTIONS 460; 537)	
10.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)	N/A
10.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	N/A
10.1.3	Capable of being secured in the OFF position (462.3)	(NA)
10.1.4	Correct operation verified (643.10)	NA)
10.1.5	Clearly identified by position and/or durable marking (537.2.6)	N/A
10.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	(NA)
.2 SWITC	HING OFF FOR MECHANICAL MAINTENANCE (SECTION 464; 537.3.2)	
10.2.1	Presence and condition of appropriate devices (464.1; 527.3.2)	<u>NA</u>
10.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	NA)
10.2.3	Capable of being secured in the OFF position (462.3)	N/A
10.2.4	Correct operation verified (643.10)	(N/A)
10.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	(N/A)
.3 EMER	GENCY SWITCHING/STOPPING (SECTION 465; 537.3.3)	
10.3.1	Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)	N/A
10.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A
10.3.3	Correct operation verified (643.10)	NA)
10.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	(NA)
	FIONAL SWITCHING (SECTION 463; 537.3.1)	
10.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	
10.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	
0 CHRP	FNI-USING FQUIPMENT (PERMANENTLY CONNECTED)	
.0 CURR 11.1	ENT-USING EQUIPMENT (PERMANENTLY CONNECTED)  Condition of equipment in terms of IP rating etc (416.2)	

## **ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of** Inspections

for Industrial/Commercial Premises

**Requirements for Electrical Installations** BS7671:2018+A2:2022 (IET Wiring Regulations 18th Edition)





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11.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	
11.4	Suitability for the environment and external influences (512.2)	
11.5	Security of fixing (134.1.1)	
11.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2)	
11.7 RECES	SSED LUMINAIRES (DOWNLIGHTERS)	
11.7.1	Correct type of lamps fitted (559.3.1)	N/A
11.7.2	Installed to minimize build-up of heat by use of "fire rated" fittings, insulation displacement box or similar (421.1.2)	N/A
11.7.3	No signs of overheating to surrounding building fabric (559.4.1)	N/A
11.7.4	No signs of overheating to conductors/terminations (526.1)	N/A
12.0 PART	7 SPECIAL INSTALLATIONS OR LOCATIONS	
12.1	If any special installations or locations are present, list the particular inspections applied.	
13.0 PROS	JMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S)	
13.1	Where the installation includes additional requirements and recommendations relating to Chapter 82, additional inspection items should be added to the checklist.	
Inspector'		
Inspector'	Signature: Leo Kessell Signature: Leo Kessell O8/11/2022	

### **ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details**

FT/EICR 3486000001700

for Industrial/Commercial Premises

Requirements for Electrical Installations BS7671 :2018+A2:2022 (IET Wiring Regulations 18th Edition)





Client Name	WESSEX RFCA		Installation Address	2469 EXETER STREET THOMAS SQUADRON,				
Client Addre	MOUNT HOUSE, MOUNT STREET TAUNTON, SOMERSET			2469 EXETER STREET THOMAS SQUADRON, COWICK BARTON PLAYING FIELDS, OLD VICARAGE ROAD, EXETER, DEVON				
			Postcode	EX2 9BL				
Client Postco	ode TA1 3QU							
Distribution boa	ard details - Complete in every case	Complete only if the distribution board is not connected directly to the origin of the installation						
SPD Details: Type(s	s)* T1 T2 T3† N/A		· ·					
Location	ELECTRIC CUPBOARD IN OFFICE 2	Overcurrent protective device for the distribution circuit:	Supply to distribution board	is from				
Designation	DB 1	No. of phases 3	BS(EN) NA	Type NA Rating NA A				
No. of ways	12	Nominal voltage NA	V RCD BS(EN) N/A	Type N/A Rating N/A IΔn mA				

	SCHEDULE OF CIRCUIT DETAILS															
Circ and		Type Services Csa (mm²) Circuit conductors Csa (mm²) Overcurrent protective devices				ices	Bre cap	BS 7671 Max. permitted Zs		RCE	)					
Circuit No. and Line	Circuit designation	Type of wiring	Ref. method ⊹	No. of points served		СРС	Maximum disconnection $\mathscr{O}$ time (BS 7671)	BS EN Number	Type No.	Rating (A)	Breaking A capacity K	Other Other § 100% (Ω)	BS EN Number	Type No.	IΔn (mA)	Rating (A)
1/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1/L2	CONTROL CT HEATER CONTRACT	А	В	1	1	1	0.4	61009 RCD/RCBO	С	6	10	3.64	61009	А	30	6
1/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L2	HEATERS	Α	В	2	1	1	0.4	61009 RCD/RCBO	С	6	10	3.64	61009	Α	30	6
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	TEAPOINT WATER HEATER	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
3/L2	HANDRYER MALE TOILET	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
3/L3	HANDRYER FEMALE TOILET	Α	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	Α	30	16
4/L1	CORIDOR HEATER NO 2	Α	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
4/L2	TRAINING HALL HEATER NO 3	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
4/L3	CORRIDOR HEATER NO 1	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	Α	30	16
5/L1	HEATER CLASS NO 1	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
5/L2	HEATER TRAINING HALL NO 1	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
5/L3	HEATER OFFICE	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	Α	30	16
6/L1	.LIGHTS TEAPOINT, CLASS 1 & 2	A	В	11	1	1	0.4	61009 RCD/RCBO	С	6	10	3.64	61009	А	30	6
6/L2	LIGHTS TRAINING HALL & WC	A	В	13	1	1	0.4	61009 RCD/RCBO	С	6	10	3.64	61009	А	30	6
6/L3	LIGHTS OFFICES & STOREROOM	А	В	11	1	1	0.4	61009 RCD/RCBO	С	6	10	3.64	61009	А	30	6
7/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L1	.FIRE ALARM PANEL	А	В	1	1	1	0.4	60898 MCB	С	6	10	3.64	N/A	N/A	N/A	N/A
9/L2	HANDRYER WC	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
9/L3	HEATERS MALE & FEMALE WC	A	В	2	1	1	0.4	61009 RCD/RCBO	С	6	10	3.64	61009	А	30	16
10/L1	SOCKETS TEAPOINT & FAN	А	В	5	2.5	1.5	0.4	61009 RCD/RCBO	С	32	10	0.68	61009	Α	30	32
10/L2	HEATER TRAINING HALL NO 4	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
10/L3	LIGHTS MALE & FEMALE TOILETS, CORRIDOR & OFFICES	А	В	14	1	1	0.4	61009 RCD/RCBO	С	6	10	3.64	61009	А	30	6
11/L1	HEATER CLASS NO2	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
11/L2	HEATER TRAINING HALL NO 2	А	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16
11/L3	HEATER OFFICE NO 2	Α	В	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	1.37	61009	А	30	16

Wiring Types: A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other

<sup>\*</sup> SPD Type. Where a combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both boxes.

t Where a T3 SPD is installed to protect sensitive equipment, enter Details of Circuits, of the Schedule of Test Results. (See Section 534 of BS 7671:2018+A2:2022.) j: See Table 4A2 of Appendix 4 of BS 7671:2018+A2:2022.

<sup>\$</sup> Where the maximum permitted earth fault loop impedance value stated in Max Zs column is taken from a source other than the tabulated values given in Chapter 41 of BS 7671:2018+A2:2022, state the source of the data in the appropriate cell for the circuit in the change to Schedule of Test Results

### **ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details**

FT/EICR 3486000001700

for Industrial/Commercial Premises

Requirements for Electrical Installations BS7671 :2018+A2:2022 (IET Wiring Regulations 18th Edition)





					SCHI	EDUL	E OF (	CIRCUIT DETA	ILS							
Circ	Circu		Ref	No.	Circuit co csa (r			Overcurrent protecti		ices	Bre	BS 7671 Max. permitted Zs Other Other §	RCD			
Circuit No. and Line	Circuit designation	Type of wiring	Ref. method ∺	No. of points served		CPC	num nnection BS 7671)	BS EN Number	Type No.	Rating (A)	Breaking A capacity K	Other Other § 100% (Ω)	BS EN Number	Type No.	IΔn (mA)	Rating (A)
12/L1	SOCKETS CLASSROOMS 1 &	А		8	2.5	1.5	(S) 0.4	61009 RCD/RCBO	С	32	10	0.68	61009	A	30	32
12/L2	SOCKETS TRAINING HALL	A	В	4	2.5	1.5	0.4	61009 RCD/RCBO	С	32	10	0.68	61009	A	30	32
12/L3	SOCKETS	А			2.5	1.5	0.4	61009 RCD/RCBO	С	32	10	0.68	61009	Α	30	32
	OFFICE, CORRIDOR & STORE															$\vdash$
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Wiring Types: A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other

<sup>\*</sup> SPD Type. Where a combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both boxes.

t Where a T3 SPD is installed to protect sensitive equipment, enter Details of Circuits, of the Schedule of Test Results. (See Section 534 of BS 7671:2018+A2:2022.)

:j: See Table 4A2 of Appendix 4 of BS 7671:2018+A2:2022.

§ Where the maximum permitted earth fault loop impedance value stated in Max Zs column is taken from a source other than the tabulated values given in Chapter 41 of BS 7671:2018+A2:2022, state the source of the data in the appropriate cell for the circuit in the change to Schedule of Test Results

### **ELECTRICAL INSTALLATION CONDITION REPORT - Test Results**

for Industrial/Commercial Premises

Requirements for Electrical Installations BS7671 :2018+A2:2022 (IET Wiring Regulations 18th Edition)





**Client Name** WESSEX RFCA **Installation Address** 2469 EXETER STREET THOMAS SQUADRON, 2469 EXETER STREET THOMAS SQUADRON, TA1 3QU **Client Address** MOUNT HOUSE, MOUNT STREET TAUNTON, SOMERSET Client COWICK BARTON PLAYING FIELDS, OLD VICARAGE ROAD, EXETER, DEVON **Postcode Installation Postcode** EX2 9BL Distribution board details - Complete in every case Complete only if the distribution board is not connected directly to the origin of the installation Location ELECTRIC CUPBOARD IN OFFICE 2 Associated RCD (if any): Designation DB 1 Operating at I∆n N/A Z<sub>db</sub> 0.23 Ω ms No. of ways 12 Supply polarity confirmed Phase sequence confirmed I<sub>pf</sub> 3.05 No. of phases 3 kA No. of poles N/A Time delay (if applicable) N/A Operational status confirmed V Not applicable

							EST RES							
0			Circuit impeda	ance Ω				sulation resistand ecord lower readi		Polarity	Max. Meas	RCD testing		al test operation
Circuit No. and Line		g final circuits		Fig 8 check	R1R2	or R2	Test voltage	L/L, L/N	L/E, N/	٠	Max. Measured <sup>Zs</sup>	All RCDs IΔn ms	RCD	AFDD
	r1	rn	r2	(✓)	R1 + R2	R2	V	Μ(Ω)	Μ(Ω)		(Ω)		(~)	(√)
1/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1/L2	N/A	N/A	N/A	N/A	0.1	N/A	250		>99.9	<b>√</b>	0.38	35.8	<b>✓</b>	N/A
1/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L2	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>99.9	<b>✓</b>	0.47	38.1	<b>✓</b>	N/A
2/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
3/L1	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>99.9	<b>√</b>	0.48	34.7	<b>√</b>	N/A
3/L2	N/A	N/A	N/A	N/A	0.2	N/A	250	LIM	>99.9	<b>√</b>	0.51	38.9	<b>✓</b>	N/A
3/L3	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>99.9	<b>√</b>	0.47	36.1	<b>√</b>	N/A
4/L1	N/A	N/A	N/A	N/A	0.23	N/A	250	LIM	>99.9	✓	0.4	38.3	<b>✓</b>	N/A
4/L2	N/A	N/A	N/A	N/A	0.29	N/A	250	LIM	>99.9	✓	0.45	36.6	<b>✓</b>	N/A
4/L3	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>99.9	✓	0.42	37.9	<b>✓</b>	N/A
5/L1	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>99.9	✓	0.58	38.2	<b>✓</b>	N/A
5/L2	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>99.9	✓	0.53	37.8	✓	N/A
5/L3	N/A	N/A	N/A	N/A	0.11	N/A	250	LIM	>99.9	✓	0.52	38.2	✓	N/A
6/L1	N/A	N/A	N/A	N/A	0.59	N/A	250	LIM	>99.9	✓	0.46	38.1	✓	N/A
6/L2	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>99.9	✓	0.5	36.9	<b>✓</b>	N/A
6/L3	N/A	N/A	N/A	N/A	0.52	N/A	250	LIM	>99.9	✓	0.41	38.2	<b>✓</b>	N/A
7/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L1	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	LIM	N/A	N/A	N/A
9/L2	N/A	N/A	N/A	N/A	0.2	N/A	250	LIM	>99.9	✓	0.47	37.2	✓	N/A
9/L3	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>99.9	✓	0.58	38.8	✓	N/A
10/L1	0.32	0.32	0.55	N/A	0.32	N/A	250	LIM	>99.9	✓	0.34	38.8	✓	N/A
10/L2	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>99.9	✓	0.58	36.4	<b>✓</b>	N/A
10/L3	N/A	N/A	N/A	N/A	0.83	N/A	250	LIM	>99.9	✓	1.01	38.5	<b>✓</b>	N/A
11/L1	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>99.9	✓	0.57	38.8	✓	N/A
11/L2	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>99.9	✓	0.45	37.2	✓	N/A
11/L3	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>99.9	✓	0.54	38	✓	N/A
12/L1	0.77	0.77	1.30	N/A	0.39	N/A	250	LIM	>99.9	✓	0.56	38.8	✓	N/A
Details	of circuits and/	or installed eq	uipment vulnera	able to dan	nage when te	sting				ate(s) dead te	esting 0	8/11/2022 To	08/11/20	)22
ANY E	LECTRONIC	DEVICES.								Date(s) live to	esting 0	8/11/2022 To	08/11/20	022

Test instrument serial number(s) Loop impedance 009986101940215 Insulation resistance 009986101940215 Continuity 009986101940215 RCD 009986101940215 E/Electrode LEO KESSELL Tested by: Name (capital letters) Signature Position Technician Date 08/11/2022 Created by FastTest © Copyright FastTest 2022 Page 10 of 12

4th Floor, Mill 3, Pleasley Vale Business Park, Mansfield, Nottinghamshire NG19 8RL

## **ELECTRICAL INSTALLATION CONDITION REPORT - Test Results**

for Industrial/Commercial Premises

Requirements for Electrical Installations BS7671 :2018+A2:2022 (IET Wiring Regulations 18th Edition)





							TEST RES		<u></u>					
			Circuit impe	edance Ω			Insulation resistance (Record lower reading)			Polarity	Max. Measured	RCD testing	Manu	ual test operatio
Circuit No.	<u> </u>	Ring final circui	ts only	9,3			Test voltage	L/L, L/N	L/E, N/E	arity -	asure (	All RCDs I∆n	RCD	1
Z Ž		_		Fig 8 check	R1R	2 or R2					Zs	ms		AFDD
	r1	rn	r2	(√)	R1 + R2	R2	V	M(Ω)	M(Ω)		(Ω)		(√)	( ✓
2/L2	0.55	0.55	0.9	N/A	0.28	N/A	250	LIM	>99.9	✓	0.48	28.9	✓	N/A
2/L3	0.82	0.82	1.60	N/A	0.45	N/A	250	LIM	>99.9	✓	0.94	34.1	✓	N/A
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etails	I of circuits a	nd/or installed	equipment vulne	erable to da	mage when to	esting			Date:	s) dood to	oting C	8/11/2022 To	08/11/20	022
		IIC DEVICES			-					s) dead te		8/11/2022 To 8/11/2022 To	08/11/2	
	_	ial number(s)												
	_	099861019402		on resistand	00998610	1940215	Continuity 0099		RCD 00998	61019402	15 E/I	Electrode		
	by: Name	(capital letter	5)	LEU KES	Date 08/	14.410000			Signature	1.h	//ell			

## **ELECTRICAL INSTALLATION CONDITION REPORT**

FT/EICR 3486000001700

Requirements for Electrical Installations BS 7671:2018 (IET Wiring Regulations 18<sup>th</sup> Edition)





G	Seneric Continuation	
1		