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31787587

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# **ELECTRICAL INSTALLATION CONDITION REPORT**

Issued in accordance with BS 7671: 2018 (as amended) - Requirements for Electrical Installations

PART 1: DETAILS OF THE CONTRACTOR, CLIENT AND	DINSTALLATION		
DETAILS OF THE CONTRACTOR  Registration No: 501766000 Branch No*: 000  Trading Title: Advanced Electrical Services York Ltd  Address: York Eco Business Centre, York Amy Johnson  Way, York, North Yorkshire  Postcode: YO30 4AG Tel No: 01904479485	DETAILS OF THE CLIENT  Contractor Reference Number (CRN): N/A  Name: Adam Bennett  Address58 Gillygate, YORK  Postcode: YO31 7EQ Tel No: N/A	North Yorkshire	Grange Farm, Northolme Drive, York,
PART 2 : PURPOSE OF THE REPORT			
Purpose for which this report is required: Scheduled report prior to property being rented to comply with the Elec	strical safety standard in the private rental	sector (England) regulations as amended	
Date(s) when inspection and testing was carried out: (05/06/2025)	Records available (651.1): ()	Previous inspection report available (651.1): ()	Previous report date: ()
PART 3: SUMMARY OF THE CONDITION OF THE INST	ALLATION		
General condition of the installation (in terms of electrical safety):The installation app BS7671	pears to be in acceptable condition with re	gards to electrical safety. Accessories in good cond	lition. Installation erected to previous version of
Description of premises Dwelling: () Commercial: (	strial: (N/A Other (include brief descript	ion): N/A	
Estimated age of electrical installation: (30) years Evidence of additions or alterati **An unsatisfactory assessment indicates that dangerous (Code C1) and/or potential			-
PART 4: DECLARATION			
INSPECTION AND TESTING			
I/We, being the person responsible for the inspection and testing of the electrical installation (declare that the information in this report, including the observations (PART 5) and the attached Name (capitals) on behalf of the contractor identified in PART 1: LUKE MATTERSON	ed Schedules, provides an accurate assessment of the		
I/We further RECOMMEND, subject to the necessary remedial action being taken, that the inst Give reason for recommendation: Domestic rental property	tallation is inspected and tested by:05/06/2030	(date)	
The proposed date for the next inspection should take into consideration any legislative or licensing require	ements and the frequency and quality of maintenance that the i	nstallation can reasonably be expected to receive during its intended life. The	period should be agreed between relevant parties.
REVIEWED BY THE REGISTERED QUALIFIED SUPERVISOR FOR THE CONT	TRACTOR		
Name (capitals) on behalf of the contractor identified in PART 1: MATTHEW CHIPCH.	ASE S	ignature:	Date: 09/06/2025



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PART 5: OBSERVATION	IS						
	priate, has been allocated to each of the observations made sponsible for the electrical installation the degree of urgency	Code C1 Danger Present Risk of injury. Immediate remedial action required	Code C2 Potentially Dangerou Urgent remedial action require		Code FI Further Investigation Required		
Referring to the <b>Schedule of Items Insp</b>	ected (see PART 9), the attached Schedule of Circuit Details and Te	est Results (see PART 11A & 11B), and subject t	o any <b>agreed limitations</b> listed in PAR	T 6 -			
No remedial action is required ( $$ ), (	The following observations are made:						
Item No		Observation(s)			Code	<b>Location Reference</b>	
()				)	()	()	
()				)	()	()	
()				)	()	()	
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()				)	()	()	
()				)	()	()	
				Additional pages? ( State	page numbers	: (N/A)	
Immediate remedial action required f	or items: ( N/A	) Improve	ement recommended for items:	( N/A		)	
Urgent remedial action required for it	ems: (.N/A	) Further	investigation required for items:	( .N/A		)	





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PART 6: DETAILS AND LIMITAT	IONS OF THE INSPECTION AND T	TESTING									
of the building or underground, have not been visually	ordance with <i>BS 7671: 2018</i> , as amended to 2024 inspected unless specifically agreed between the Client a ort: A sample of all circuits within the installat	and the Inspector prior to inspection.		ts, or cables and conduits concealed under floors, in inaccessible rootherwise noted.	pof spaces and generally within the fabric						
Agreed limitations including the reasons, if any, on the undertaken in any building voids/loft space	a see continuation shoot for more		out to prev	ent damage to connected equipment. No test or insp	pection has been						
Agreed with (print name): CLIENT											
Extent of sampling: A minimum of 20% of accessories have been visually checked for compliance & 100% of distribution equipment.  Operational limitations including the reasons: Unable to determine size and type of main supply company fuse as unit is sealed and access forbidden  (see additional page No. N/A)											
PART 7: SUPPLY CHARACTERIS	TICS AND EARTHING ARRANGE	MENTS									
$\mbox{TT:} (\begin{subarray}{cccccccccccccccccccccccccccccccccccc$	TN-C-S: ( ) AC 1-phase, 2-1 3-phase, 3- DC 2-wire: ( N.	wire: (N/A /A) 3-wire: (N/A) 0ther	3-phase, 4	-wire: ( $\begin{subarray}{ll} NA & Wature of supply parameters \\ Nominal voltage between lines, U [1]:-wire: ( \begin{subarray}{ll} N/A & Wature of supply parameters \\ Nominal voltage between lines, U [1]:Nominal line voltage to Earth, U_0 [1]:Nominal frequency, f [1]:Prospective fault current, I_{pf} [2]*:$	(N/A ) V [2] By enquiry (230 ) V measurement (50 ) Hz (1.58 ) kA						
BS EN: ( Non-verifiable Type: ( N/A)	Rated current: (N/A Other sources of	supply (Schedule of Test Results)	Paç	ge No: $(N/A)$ External earth fault loop impedance, $Z_e$ [2]*:	(0.15) Ω						
PART 8 : PARTICULARS OF INST	FALLATION REFERRED TO IN THI	S REPORT									
Maximum demand (load): (45) XXX/A	Main protective conductors	Main protective bonding connections		Main switch / Switch-fuse / Circuit-breaker / RCD							
(delete as appropriate)	Earthing conductor:	Water installation pipes:	(•)	Location: (Within consumer unit	)						
Means of Earthing	(material Copper )	Gas installation pipes:	(•)	BS EN: (60947-3 Type: (3)	Rating / setting of device: (N/A) A						
Distributor's facility: ()	csa (16) mm <sup>2</sup> Connection/continuity	Structural steel:	(N/A)	No. of poles: (2) Current rating: (1.00) A	Voltage rating: (230) V						
Installation earth electrode(s): (N/A)	verified: ( 🏑)	Oil installation pipes:	(N/A								
Earth electrode type – rod(s), tape, etc:	Main protective bonding conductors:	Lightning protection:	(N/A ()	Where an RCD is used as the main switch							
( None)	(material Copper )	Other (state):		RCD rated residual operating current, $I_{AB}$ : $(N/A)$ mA	RCD Type: (N/A)						
Location: ( N/A)	csa (1.0) mm <sup>2</sup> Connection/continuity	N/A	(N/A)	2	leasured operating time: (N/A) ms						
Electrode resistance to Earth: $(N/A)$ $\Omega$	verified: ( 🕊)	N/A	(N/A)	natou and adays () no	seed of the seed o						

**All fields must be completed**. Enter either, as appropriate: '

' if Acceptable condition; 'N/A' if Not applicable; 'LIM' if a Limitation exists, or Code appropriately: CODE 'C1,' C2,' C3' or 'FI' (codes to be recorded in PART 5, with additional comments (where appropriate) on attached numbered sheets)

<sup>\*</sup>Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, Ipf, and external earth fault loop impedance, Ze, must be recorded.





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#### PART 9: SCHEDULE OF ITEMS INSPECTED (enter J. N/A or Classification Code C1, C2, C3 or FI, as applicable)

PART 9: SCHEDULE OF ITEMS INSPECTED (enter	√, N/A	A or	Classification Code C1, C2, C3 or F1, as applicable)				
1.0 Intake equipment (visual inspection only)		•	Accessibility of all protective bonding connections (543.3.2)	(•	4.16	Confirmation that integral test button / switch, where present,	
An outcome against an item in section 1.1, other than access to live parts, should not be use	ed to		Provision of earthing / bonding labels at all appropriate locations (514.13.1)	( <b>.</b>		causes AFDD to trip when operated (643.10)	(🕊)
determine the overall assessment of the installation. Where inadequacies are identified, a should be put against the appropriate item and a comment made in Part 5 of this report.			FELV - requirements satisfied (411.7)	(N/A)	4.17	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	(•
1.1 Distributor / supplier intake equipment			Other methods of protection		4.18	Presence of alternative supply warning notice at or near equipment,	
Service cable (	)	Wher	e any of the methods listed below are employed, details should be provided on separate			where required (514.15)	(N/A ()
Service head (	•)	•	Non-conducting location (418.1)	(N/A)	4.19	Presence of next inspection recommendation label,	
Earthing arrangement (	)	•	Earth-free local equipotential bonding (418.2)	(N/A)		where required (514.12.1)	()
Meter tails (	<b>.⁄</b> )	•	Electrical separation (413; 418.3)	(N/A)	4.20	Presence of other required labelling (please specify) (514)	(N/A)
Metering equipment (	•)		Double insulation (412)	(N/A)	4.21	Compatibility of protective devices, bases and other components;	
<ul> <li>Isolator, where present</li> </ul>	I/A)	•	Reinforced insulation (412)	(N/A)		correct type and rating (no signs of unacceptable thermal damage,	(•)
Where inadequacies in the intake equipment are encountered, which may result in a dangerous o	or	•	Provisions where automatic disconnection of supply is not feasible (419)	(N/A)		arcing or overheating) (432; 433; 434)	()
potentially dangerous situation, the person ordering the work and / or dutyholder must be inform It is strongly recommended that the person ordering the work informs the appropriate authority.	ned.	4.0	Distribution equipment, including consumer units and distribution bo	oards	4.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	(•
, , , , , , , , , , , , , , , , , , , ,	1/Λ	4.1	Adequacy of working space / accessibility to equipment (132.12; 513.1)	(•	4.23	Protection against mechanical damage where cables enter equipment	
	I/A )	4.2	Security of fixing (134.1.1)	()		(522.8.1; 522.8.5; 522.8.11)	(•)
1.3 Consumer's meter tails (	)	4.3	Condition of insulation of live parts (416.1)	(•	4.24	Protection against electromagnetic effects where cables enter	
2.0 Presence of adequate arrangements for parallel or switched alternative so	ources	4.4	Adequacy security of barriers or enclosures (416.2.3)	(•		ferromagnetic enclosures (521.5.1)	()
2.1 Adequate arrangements where a generating set operates as a switched	1/4	4.5	Condition of enclosure(s) in terms of IP rating, etc. (416.2)	(•	4.25	Confirmation that ALL conductor connections, including connections to	
1 11 1	I/A)	4.6	Condition of enclosure(s) in terms of fire rating, etc. (421.1.201; 421.1.6; 526.5)	( <b>.</b>		busbars, are correctly located in terminals and are tight and secure (526.1)	()
Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  (N.)	J/A)	4.7	Enclosure not damaged / deteriorated so as to impair safety (651.2)	(•)	5.0	Distribution circuits	
		4.8	Presence and effectiveness of obstacles (417.2)	(•	5.1	Identification of conductors (514.3)	()
3.0 Methods of protection		4.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	( <b>.</b> )	5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	()
3.1 Automatic disconnection of supply (ADS)		4.10	Operation of main switch(es) (functional check) (643.10)	( <b>火</b> )	5.3	Condition of insulation of live parts (416.1)	(🗹)
Main earthing / bonding arrangement (411.3; Chap. 54)     (	<b>.火</b> )	4.11	Manual operation of circuit-breakers, RCDs and AFDDs to prove		5.4	Non-sheathed cables protected by enclosure in conduit, ducting or	
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)     (	✓ ,		functionality (643.10)	()		trunking (521.10.1)	()
presence of installation curtifications arrangement (0-12.112.13)	······)	4.12	Confirmation that integral test button / switch causes RCD(s) to trip when operated (functional check) (643.10)	(	5.5	Suitability of containment systems for continued use (including flexible conduit) (522)	N/A
	<b>.</b>	4.13	RCD(s) provided for fault protection - includes RCBOs	( <del>*</del> )	5.6	Cables correctly terminated in enclosures (526)	() ( <b>./</b> )
	····)	4.13	(411.4.204; 411.4.5; 411.5.2; 531.2)	(N/A)	5.7	•	( <del></del> )
	·····)	4,14	RCD(s) provided for additional protection / requirements, where required -		J./	Examination of cables for signs of unacceptable thermal or mechanical damage / deterioration (421.1; 522.6)	( <b>.</b>
Adequacy and location of main protective bonding conductor			includes RCBOs (411.3.3; 415.1)	()	5.8	Adequacy of cables for current-carrying capacity with regard for the type	
connections (544.1.2)	)	4.15	Presence of RCD six-monthly test notice, where required (514.12.2)	()	0.0	and nature of installation (523)	()
,	•						





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5.9 5.10 5.11 5.12 5.13 5.14	Coordination between conductors and overload protective devices (433.1; 533.2.1)  Cable installation methods / practices with regard to the type and nature of installation and external influences (522)  Where exposed to direct sunlight, cable of a suitable type (522.11.1)  Cables concealed under floors, above ceilings, in walls / partitions,	() () ()	6.3 6.4 6.5	Cables correctly supported throughout their run (521.10.202; 522.8.5) Condition of insulation of live parts (416.1) Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) Suitability of containment systems for continued use (including flexible conduit) (522) Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (523) Adequacy of protective devices; type and rated current for fault protection	() () (N/A) ()	* <i>Oldo</i> 6.14	*For final circuits supplying luminaires within domestic (household) premises (411.3.4) (  er installations designed prior to BS 7671: 2018 may not have required RCDs for additional pro Provision of fire barriers, sealing arrangements and protection against thermal effects (527) ( Band II cables segregated / separated from Band I cables (528.1) (	(/A)  (tection.
5.15	Provision of fire barriers, sealing arrangements and protection against thermal effects (527)  Band II cables segregated / separated from Band I cables (528.1)	() () () ()	6.11	(411.3) Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) Co-ordination between conductors and overload protective devices (433.1; 533.2.1) Wiring system(s) appropriate for the type and nature of the installation and external influences (522) Where exposed to direct sunlight, cable of a suitable type (522.11.1) Cables concealed under floors, above ceilings, in walls / partitions, adequately protected against damage (522.6.201; 522.6.202; 522.6.204) –	( <b>v</b> ) ( <b>v</b> ) ( <b>v</b> )	6.17	Termination of cables at enclosures - identify / record numbers and locations of items inspected (526) –  Connection 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) (  Adequately connected at point of entry to enclosure (glands, bushes, etc.) (522.8.5) (  Condition of accessories including socket-outlets, switches and joint boxes (651.2) (	· · · · · · · · · · · · · · · · · · ·
5.17 5.18 5.19 5.20	Suitability of circuit accessories for external influences (512.2)	( <b>'</b> )		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,	(LIM)		Single-pole switching or protective devices in line conductors only	······)
	(132.14.1; 530.3.3)  Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment - identify / record numbers and locations of items inspected (526)  Presence, operation and correct location of appropriate devices for isolation and switching (Chap. 46; 537)	() ()	■ Addit	screws and the like (see Section D) (522.6.201; 522.6.204)  Provision of additional protection by RCD having rated residual operating current not exceeding 30 mA –  *For all socket-outlets of rating 32 A or less (411.3.3)  ional protection by RCD may not have been provided as a noted exception in in non-domestic installations covered by indent (ii) of Regulation 411.3.3.	(·)	7.1 •	Isolators –  Presence and condition of appropriate devices (462; 537.2) (  Acceptable location - state if local or remote from equipment in question (462; 537.2.7) (  Capable of being secured in the OFF position (462.3) (	·····)
5.24	General condition of wiring system (651.2)	() ()		*For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  *For cables concealed in walls at a depth of less than 50 mm (522.6.202)	( <b>v</b> )		Clearly identified by position and / or durable marking (537.2.7) (	//A)





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7.2	Switching off for mechanical maintenance –  Presence and condition of appropriate devices (464.1; 537.3.2)  Capable of being secured in the OFF position where not under continuous supervision (464.2)  Correct operation verified (643.10)  Clearly identified by position and / or durable marking (537.3.2.4)  Emergency switching off –  Presence and condition of appropriate devices (465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)	( <b>v</b> ) ( <b>v</b> ) ( <b>v</b> ) ( <b>v</b> )	8.5 8.6 8.7	Security of fixing (134.1.1)  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)  Recessed luminaires (downlighters) –  Correct type of lamps fitted (559.3.1)  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)	() () () () () () ()	Low voltage (e.g. 230 volt) socket-outlets sited at least 2.5 m from zone 1 (701.512.3)     Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)     Suitability of accessories and controlgear etc. for a particular zone (701.512.3)     Suitability of current-using equipment for particular position within the location (701.55)     Other special installations or locations – N/A
7.4 •	Correct operation verified (643.10)  Clearly identified by position and / or durable marking (537.3.3.5; 537.3.3.6; 537.4.3; 537.4.4)  Functional switching –  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (643.10)  Current-using equipment (permanently connected)  Condition of equipment in terms of IP rating, etc.	() ()	9.0 Where Sched	No signs of overheating to conductors / terminations (526.1)  Special locations and installations  special installations or locations relating to a particular Section of Part 7, an additional  ule(s) should be provided on separate pages.  Location(s) containing a bath or shower –  Additional protection by RCD having rated residual operating current not  exceeding 30 mA for all low voltage (LV) circuits serving the location or  passing through zones 1 and / or 2 of the location (701.411.3.3)  Where used as a protective measure, requirements for SELV or PELV	()	10.0 Prosumer's low voltage installation (N/A )  Where elements of a prosuming installation falling within the scope of Chapter 82 are covered by the report, additional schedules detailing the associated inspection and testing should be provided on separate pages.
8.2 8.3 8.4	(416.2; 422.3; 422.4; 522.4) Equipment does not constitute a fire hazard (421) Enclosure not damaged / deteriorated so as to impair safety (134.1.1; 416.2) Suitability for the environment and external influences (512.2)	() () ()		met (701.414.4.5) Shaver supply units complying with <i>BS EN 61558-2-5</i> formerly <i>BS 3535</i> (701.512.3) Presence of supplementary bonding conductors, unless not required by <i>BS 7671: 2018</i> (701.415.2)	(N/A () (N/A ()	Schedule of Items Inspected by  Name (capitals): LUKE MATTERSON  Signature: Date: 05/06/2025
Sche	dule of Inspections  Schedule of Circuit Details and Results for the installation  No(s): (4,5 & 6 ) Page No(s): (7 &	l Test	Addit	ional pages, including data sheets    Special installations or location	ns	Schedules relating to Prosumer's Continuation sheets installations (indicated in item 10 above)  Page No(s): (None ) Page No(s): (None )



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PART 11A: SCHEDULE OF CIRCUIT DETAILS (GO TO Part 11B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)																
Ĺ			po	erved		onductor er & csa)	ection 671)		Overcurre	nt protective de	vice		RCD			
Circuit number	Circuit description	Type of wiring (see footer to PART11B)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (BS 7671)	BS (EN)	Туре	Rating	Short- circuit capacity	Maximum permitted Zs*	BS (EN)	Туре	Rating	Operating current,
	2 4 5 5 5 6	-			(mm²)	(mm²)	(s)	20.0		(A)	(kA)	(Ω)	N1/A		(A)	(mA)
1	Supply to DB-01	F	С	1	25	25	5	88-2	gG	63	16	0.78	N/A	N/A	N/A	N/A
			**SPD Typ	) A												
DB	designation: DB-01 ation of DB: Hall	+ T3 cking both on a circuit	Supply to I	OMPLETED ONLY  OB is from: N/A  ent protective device	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			LY TO THE ORIGII	N OF THE	INSTALLA					
Con	$Z_{db}$ : 0.15 ( $\Omega$ ) $I_{pf}$ at DB†:1.58 firmation of supply polarity: ( $\checkmark$ ) Phase sequence confirmed†:	BS (EN): (N/A) Type: (N/A) Nominal voltage: (N/A) V Rating: (N/A) A No. of phases: (N/A)														
			(See Secti		further deta	ails).		d RCD (if any)								
	SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A) N/A (N/A) N/A (N/A) Status indicator checked (where functionality indicator is present): (N/A) (See Section 534 for further details). Note that not all SPDs have visible functionality indication. (N/A) Note that not all SPDs have visible functionality indication. (N/A) PSCD Type: (N/A) RCD Type: (N/A) No. of poles: (N/A) Operating time: (N/A) ms												/A) ms			

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PA	PART 11B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 11A)														
_			Continuity (Ω	)		Ins	ulation resista	ance	>	ured loop 9,Zs	RO	CD	AFDD**		
Circuit number		g final circuits easured end to		(complete	rcuits at least one ımn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	Operating time*	Test button	AFDD test button	Comments and additional information, where required	
	(Line) r <sub>1</sub>	(Neutral) r <sub>n</sub>	(cpc) r <sub>2</sub>	(R <sub>1</sub> + R <sub>2</sub> )	R <sub>2</sub>	(ΜΩ)	(ΜΩ)	(V)	( <b>~</b> )	(Ω)	(ms)	( <b>~</b> )	<b>(</b> ✓)		
1	N/A	N/A	N/A	0.05	N/A	LIM	100	500	<b>/</b>	1.18	N/A	N/A	N/A	N/A	
Circ	uits/equipme	ent vulnerab	le to damage	when testin	g (where ap	olicable): N/	A								
TE	STED BY	Name (	capitals): LU	JKE MAT	TERSON				Position	n: Electric	ian			Signature:	
								IENT USE							
	ti-function:			Conti				Insulatio		ince:		Ear	th fault loo	oop impedance: Earth electrode resistance: RCD:	
10	0610/437	2		N/A				N/A				. <u>N</u> /.	A	N/A N/A	
RCE	CD effectiveness is verified using an alternating current test at rated residual operating current (I <sub>△n</sub> )  **Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.														

(B)

Thermoplastic cables in metallic conduit

Thermoplastic cables in non-metallic conduit

(C)

Thermoplastic cables in metallic trunking

(E)

(D)

Thermoplastic insulated / sheathed cables

CODES for Type of wiring

(F)

Thermoplastic / SWA cables

(G) Thermosetting / SWA cables

(H) Mineral-insulated cables

Thermoplastic cables in non-metallic trunking

Other (state):N/A

ISN18.3c

**APPROVED** CONTRACTOR

# **CONTINUATION SHEET: EIC and EICR**

Issued in accordance with BS 7671: 2018 (as amended) - Requirements for Electrical Installations

PA	PART A: SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)															
Ŀ		ј пв)	po	erved		onductor r & csa)	ection 671)		Overcurre	nt protective de	vice		RCD			
Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Live (mm²)	cpc (mm²)	(G) Max. disconnection time (BS 7671)	BS (EN)	Туре	Rating (A)	Short- circuit capacity (kA)	Maximum permitted Zs*	BS (EN)	Туре	Rating (A)	Operating current, I <sub>An</sub> (mA)
	Surge device	N/A	N/A	N/A	N/A	N/A	N/A	61643	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Shower	А	С	1	6	2.5	0.4	62606	В	40	6	1.09	62606	A	40	30
2	Shower	Α	С	1	6	2.5	0.4	62606	В	32	6	1.37	62606	Α	32	30
3	1st floor sockets	Α	С	8	2.5	1.5	0.4	62606	В	32	6	1.37	62606	Α	32	30
4	Living room sockets	Α	С	5	2.5	1.5	0.4	62606	В	20	6	2.19	62606	Α	20	30
5	Kitchen sockets	Α	С	7	2.5	1.5	0.4	62606	В	20	6	2.19	62606	Α	20	30
6	Water heater	A	С	1	2.5	1.5	0.4	62606	В	16	6	2.73	62606	Α	16	30
7	Upstairs lights	А	101	16	1	1	0.4	62606	В	6	6	7.28	62606	Α	6	30
8	Ground floor lights	Α	С	15	1	1	0.4	62606	В	6	6	7.28	62606	A	6	30
9	Smokes	А	101	10	1	1	0.4	62606	В	6	6	7.28	62606	Α	6	30
10	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
11	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
12	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
13	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
			**SPD Typ													
DB d	TRIBUTION BOARD (DB) DETAILS (complete in every c esignation: DB-02	- T3 sking both on a circuit enter	Overcurre BS (EN): (8	DB is from: DB-01 - ont protective device 38-2 d RCD (if any)	e for the dis	stribution c	i <b>rcuit</b> Nominal vol	tage: (230	.) V Rating: (63	) A N	o. of phases:	(1)				
	us indicator checked (where functionality indicator is present):			not all SPD ity indication	s have visib on.	le	BS (EN): (	N/A	) RCD Type	e: (N/A)	<sub>ΙΔη</sub> : (Ν/Α	) mA N	lo. of poles: ( N/A	Operat	ing time: (N	/A) ms





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# **CONTINUATION SHEET: EIC and EICR**

Issued in accordance with BS 7671: 2018 (as amended) - Requirements for Electrical Installations

P	PART B: SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)													
			Continuity (£	1)		Ins	sulation resist	ance		ured loop ,,Zs	R	CD	AFDD**	
Circuit number		ng final circuits neasured end to		(complete	circuits e at least one lumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	Operating time*	Test button	AFDD test button	Comments and additional information, where required
	(Line) r <sub>1</sub>	(Neutral) r <sub>n</sub>	(cpc) r <sub>2</sub>	$(R_1 + R_2)$	R <sub>2</sub>	(ΜΩ)	(ΜΩ)	(V)	(1)	(Ω)	(ms)	(~)	(1)	
	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	N/A	N/A	N/A	0.09	N/A	LIM	100	500	<b>V</b>	0.27	27.1	V	<b>/</b>	Arc fault detection device
2	N/A	N/A	N/A	0.31	N/A	LIM	100	500	<b>V</b>	0.49	27.1	<b>V</b>	<b>/</b>	Arc fault detection device
3	0.62	0.62	0.87	0.42	N/A	LIM	70	500	1	0.50	26.6	/	<b>/</b>	Arc fault detection device
4	N/A	N/A	N/A	0.60	N/A	LIM	100	500	1	0.74	32.1	/	~	Arc fault detection device
5	N/A	N/A	N/A	0.70	N/A	LIM	100	500	V	0.88	27	/	V	Arc fault detection device
6	N/A	N/A	N/A	0.42	N/A	LIM	100	500	1	0.60	27.7	/	1	Arc fault detection device
7	N/A	N/A	N/A	0.92	N/A	LIM	20	500	1	1.10	26.9	1	V	Arc fault detection device
8	N/A	N/A	N/A	0.64	N/A	LIM	50	500	1	0.82	27.5	1		Arc fault detection device
9	N/A	N/A	N/A	1.62	N/A	LIM	100	500	1	1.80	26.9	1		Arc fault detection device
10	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
11	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
12	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
13	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
			1411											
Cir	Circuits/equipment vulnerable to damage when testing (where applicable): N/A													
TE	STED BY	Name (	capitals): LI	JKE MAT	TERSON	l			Positio	<sub>n:</sub> Electric	ian			Signature:
TE	ST INSTR	UMENTS (	ENTER SE	RIAL NUN	IBER AGA	INST EAC	H INSTRUM	MENT USE	D)					
	ılti-function:	•		1	inuity:				on resist	ance:		Ea	rth fault loc	op impedance: Earth electrode resistance: RCD:
1	00610/437	72		N/A	<del>-</del>			N/A				N/	Ά	N/A N/A
* RC	D effectiven	ness is verifi	ed using ar	n alternatin	g current to	est at rated	residual ope	erating curr	ent (/	)	** Where	installe	d. Note, no	ot all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that

CODES for Type of wiring

(A) Thermoplastic insulated (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D)

circuit in the 'Comments and additional information, where required' column.

Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables Other (state): N/A.





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### **GENERAL CONTINUATION SHEET**

Issued in accordance with BS 7671: 2018 (as amended) - Requirements for Electrical Installations

#### **NOTES**

#### Agreed limitations

Accessories such as sockets and light switches not unscrewed where decor may be damaged.

Fixed equipment such as cookers, or other hard wired equipment tested at point of isolation.

Socket-outlets or connection points behind washing-machines, dishwashers, cooker-hoods etc not inspected or tested.

Only wiring that can be reasonably accessed has been visually inspected.

Circuits incorporating integrated appliances only tested at isolation spur unit and not at socket outlet behind appliance to prevent damage to goods and floor areas where moving would be required.

Central heating system including wiring to thermostats and control / wiring centres not inspected - tested to isolation point only.

Zs values may be calculated to prevent access to exposed live parts during testing

Unable to determine whether cables are routed in prescribed cable zones due to building fabric (plaster etc)

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### **NOTES FOR RECIPIENT**

#### THIS CONDITION REPORT IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

The purpose of periodic inspection is to determine, so far as is reasonably practicable, whether an electrical installation is in a satisfactory condition for continued service. This report provides an assessment of the condition of the electrical installation identified overleaf at the time it was inspected and tested, taking into account the stated extent of the installation and the limitations of the inspection and testing.

This report has been issued in accordance with the national standard for the safety of electrical installations, BS 7671: 2018 (as amended) – Requirements for Electrical Installations.

The report identifies any damage, deterioration, defects and/or conditions found by the inspector which may give rise to danger (see PART 5), together with any items for which improvement is recommended.

You should have received the report marked 'Original' and the contractor should retain a duplicate. If you were the person ordering this report, but not the owner or user of the installation, you should pass this report, or a full copy of it, including these notes, the schedules and additional pages (if any), immediately to the owner or user of the installation.

This report should be retained in a safe place and shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this report will provide the new user with an assessment of the condition of the electrical installation at the time the periodic inspection was carried out.

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. NICEIC\* recommends that you engage the services of an NICEIC contractor for the inspection. Only an NICEIC contractor is authorised to issue this NICEIC Electrical Installation Condition Report, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

The recommended date by which the next inspection should be carried out is stated in PART 4 of this report. With the exception of domestic (household) premises, there should also be a notice at or near the main switchboard or distribution board/consumer unit indicating when the next inspection of the installation is due.

This report is intended to be issued only for the purpose of reporting on the condition of an existing electrical installation and must not be issued to certify new electrical installation work including the replacement of a distribution board or consumer unit.

The report consists of at least eight numbered pages. The report is only valid if the Schedule of Items Inspected (PART 9) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 11A) and the Schedule of Test Results (PART 11B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 11A & 11B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the report. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The report is invalid if any of the additional pages, listed in PART 10 are missing.

Where the installation includes a residual current device (RCD) it should be tested every six months 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.

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 should be followed with respect to test button operation.

Where the installation includes a surge protection device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice.

Where the installation can be supplied by more than one source, such as the public supply and a standby generator or microgenerator, this should be identified in PART 7 Supply Characteristics and Earthing Arrangements, and the Schedules of Circuit Details and Schedule of Test Results (PARTS 11A & 11B) compiled accordingly.

PART 6 (Details 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.

Operational limitations may have been encountered during the inspection such as inability to gain access to parts of the installation or to an item of equipment. The inspector should have noted any such limitations in PART 6. It should be noted that the greater the limitations applying to a report, the less its value from the safety aspect.

A declaration should have been given by the inspector in PART 4 of the report. The declaration must reflect the statement given in PART 3, which summarises the observations and recommendations made in PART 5. Where one or more observations have been made in PART 5, the Classification code given to each by the inspector indicates the degree of urgency with which remedial action needs to be taken to restore the installation to a safe working condition.

Where the inspector has indicated an observation as code C1 (danger present) the safety of those using the installation is at risk. Wherever practicable, items classified as C1 should be made safe on discovery, and it is recommended that a skilled person(s) competent in electrical installation work undertakes the necessary remedial work immediately.

Where the inspector has indicated an observation as code C2 (potentially dangerous) the safety of those using the installation may be at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where the inspector has indicated that an item requires further investigation (FI), the investigation should be carried out without delay to determine whether danger or potential danger exists. For further guidance on the Classification codes, please see the reverse of page 2.

Where inadequacies in the intake equipment have been observed (Item 1 of PART 9), the person ordering the inspection should inform the distributor and/or supplier as appropriate.

Should the person ordering this report have reason to believe that it does not reasonably reflect the condition of the electrical installation reported on, that person should in the first instance raise the specific concerns in writing with the contractor. If the concerns remain unresolved, the person ordering this report may make a formal complaint to NICEIC, for which purpose a complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

For further information about electrical safety and how NICEIC can help you, visit:

www.niceic.com

\* NICEIC is operated by Certsure LLP, a partnership between the Electrical Contractors' Association and the charity, Electrical Safety First. NICEIC maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).

# GUIDANCE FOR RECIPIENTS ON THE CLASSIFICATION CODES ONLY ONE CLASSIFICATION CODE SHOULD BE GIVEN FOR EACH RECORDED OBSERVATION

#### Classification code C1 (Danger present)

Where an observation has been given a Classification code C1, the safety of those using the installation is at risk and immediate remedial action is required.

The person responsible for the maintenance of the installation is advised to take action without delay to remedy the observed deficiency in the installation, or to take other appropriate action (such as switching off and isolating the affected part(s) of the installation) to remove the danger. The NICEIC contractor issuing this report will be able to provide further advice.

NICEIC makes available 'Electrical Danger Notification' forms to enable inspectors to record, and then to communicate to the person ordering the report, any dangerous condition discovered.

#### Classification code C2 (Potentially dangerous)

Classification code C2 indicates that, whilst those using the installation may not be at immediate risk, urgent remedial action is required to remove potential danger. The NICEIC contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given for the next inspection date in PART 4 of this report is conditional upon all items which have been given a Classification code C1 and code C2 being remedied immediately and as a matter of urgency, respectively.

It would not be reasonable for the inspector to indicate that the installation is in a satisfactory condition if any observation in this report has been given a code C1 or code C2 classification.

#### Classification code C3 (Improvement recommended)

Where an observation has been given a Classification code C3, the inspection and/or testing has revealed a non-compliance with the current safety standard which, whilst not presenting immediate or potential danger, would result in a significant safety improvement if remedied. Careful consideration should be given to the safety benefits of improving these aspects of the installation. The NICEIC contractor issuing this report will be able to provide further advice.

#### Code FI (Further investigation required without delay)

It should usually be possible for the inspector to attribute a Classification code to each observation without indicating a need for further investigation.

However, where 'FI' has been entered against an observation the inspector considers that further investigation of that observation is likely to reveal danger or potential danger that, due to the agreed extent or limitations of the inspection and/or testing (entered in PART 6), could not be fully identified at the time.

It would not be appropriate for the inspector to indicate that the installation is in a satisfactory condition if there is reasonable doubt as to whether danger or potential danger exists. Consequently, where the inspector has indicated 'Further investigation required without delay' (FI) the overall assessment of the installation (PART 3) should be marked as 'Unsatisfactory'.

If the inspector has indicated that an observation requires further investigation without delay, the person ordering this report is advised to arrange for the NICEIC contractor issuing the report (or another skilled person or persons competent in such work) to undertake further examination of that aspect of the installation as a matter of urgency, to determine whether or not danger or potential danger exists.

#### **Further information**

Further information on the application of Classification codes, primarily aimed at inspectors but of possible interest to persons ordering condition reports, can be found in Electrical Safety First's Best Practice Guide No 4 *Electrical installation condition reporting: Classification Codes for domestic and similar electrical installations*. The guide can be viewed or downloaded free of charge from www.electricalsafetyfirst.org.uk

For further information about electrical safety and how NICEIC can help you, visit www.niceic.com