## **ELECTRICAL INSTALLATION CERTIFICATE**

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

# Guidance for recipients:

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with BS 7671 (the IET Wiring Regulations).

You should have received an 'original' Certificate and the person that issued the Certificate should have retained a duplicate.

If you were the person ordering this work, but not the owner of the installation, you should pass this Certificate, or a full copy of it, immediately to the owner. The original Certificate is to be retained in a safe place and be shown to any person inspecting or undertaking work on the electrical installation in the future.

If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of BS 7671 at the time the Certificate was issued.

The Construction (Design and Management)
Regulations require that, for a project covered by those
Regulations, a copy of this certificate, together with
schedules, is included in the project health and safety
document.

For safety reasons, the electrical installation will need to be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The maximum time interval recommended before the next inspection is stated in Section 3 under "NEXT INSPECTION".

This Certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation. It should not have been issued for the inspection and testing of an existing electrical installation. An "Electrical Installation Condition Report" should be issued for such an inspection.

This Certificate is only valid if the Schedule of Inspections has been completed to confirm that all relevant inspections have been carried out and where accompanied by Schedule(s) of Circuit Details and Test Results.

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.

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.

Where the installation includes a surge protective 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. For safety reasons it is important that this instruction is followed.

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 CERTIFICATE** [BS 7671: 2018+A2:2022 as amended]

for Domestic and Similar Premises up to 100 A

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

Client	ADAM BENNETT	Installation	
Address	58 Gillygate	Address	88 Gladstone Street
	YORK		Acomb
	NORTH YORKSHIRE		YORK NORTH YORKSHIRE
			NORTH FORGERING
Postcode	YO31 7EQ	Postcode	YO24 4NG
tails of the Ins	stallation		
escription of prer	nises Domestic 🗸 Commercial	Industrial	Date of original installation UNKNOWN
stallation is Ne	ew Addition Alteration 🗸 Re	cords Available Yes No	RCD Risk assessment attached
escription of the			
EW CONSUMER	RUNII		
xtent of the insta	allation covered by this certificate		
L CIRCUITS	,		
Details of departu	res from BS 7671 (regulations 120.3, 133.1.3 an	nd 133.5)	
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etails of permitte IONE  Claration for I being the person escribed in Sectionstruction, inspector the DESIGN Company nspector Name	Design, Construction, Inspection and Tresponsible for design, construction, inspection and on 2, having exercised reasonable skill and care wection and test for which i have been responsible is artures, if any, listed below. The extent of liability of / CONSTRUCTION / INSPECTION & TEST of to CT Electrical  Christopher Triffitt  7 Blake Court Wheldrake York	Festing (for sole person responsed the test of the electrical installation (as when carrying out the design, construction, so to the best of my knowledge and belief in of the signatory or the signatories is limited the installation:  Position Date Other Scheme No.  Scheme No.  Description Date Other Scheme No.  6	ibility) Indicated by my signature below), particulars of which are inspection and test hereby CERTIFY that the design, accordance with BS 7671:2018, amended to 2022 It to work described in Section 2 as subject of this certificate.  Irrector  1002/2024  1003/2024  1003/2024  1003/2024  1003/2024
etails of permitte IONE  Claration for I being the person escribed in Sectionstruction, inspector the DESIGN Company nspector Name	Design, Construction, Inspection and Tresponsible for design, construction, inspection and on 2, having exercised reasonable skill and care wection and test for which i have been responsible is artures, if any, listed below. The extent of liability of / CONSTRUCTION / INSPECTION & TEST of to CT Electrical  Christopher Triffitt  7 Blake Court Wheldrake York	Festing (for sole person responsed the test of the electrical installation (as when carrying out the design, construction, so to the best of my knowledge and belief in of the signatory or the signatories is limited the installation:  Position Date O Scheme No. 6 Signature	ibility) Indicated by my signature below), particulars of which are inspection and test hereby CERTIFY that the design, accordance with BS 7671:2018, amended to 2022 It to work described in Section 2 as subject of this certificate.  Irrector  1002/2024  1003/2024  1003/2024  1003/2024  1003/2024

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

**FT/EIC** 8951000001211

### **ELECTRICAL INSTALLATION CERTIFICATE** [BS 7671: 2018+A2:2022 as amended]

for Domestic and Similar Premises up to 100 A

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

Supply Characteristics and Earthing Arrangements												
Earthing Arrangements TN-S ✓ TN-C-S TT	Other If Other please specify N/A	1										
		1										
Number & Type of live conductors AC ✓ DC No. of phases 1	No. of wires 2											
Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)												
Nominal voltage, U/U <sub>0</sub> <sup>(1)</sup> 230 v	ominal frequency, f <sup>(1)</sup> 50 H <sub>z</sub> Confirmation of polarity											
Dragnative fault current 1 (2)	Prospective fault current, I <sub>pf</sub> (2) Q88 kA External loop impedance, Z <sub>e</sub> (2) Q 23 Q											
Prospective fault current, 1 <sub>pf</sub> (*)	op impedance, Z <sub>e</sub> <sup>(-)</sup> 0.23 Ω											
Supply Protective Device BS (EN) LIM Type LIM	Rated Current LIM A											
		٦										
No. of Additional Supplies  N/A												
Particulars of Installation at the Origin	Means of Earthing											
Details of installation Earth Electrode (where applicable) Type (e.g. rod(s), ta		de										
Location N/A Electrode resistance	to earth $N/A$ $\Omega$ Maximum Demand (load) $50$ Amps $\checkmark$ K\	/A 🗌										
Main Protective Conductors Material csa	(✓) or Value (✓) or Value											
Earthing Conductor Copper 16	mm² Continuity Verified  Ω Connection Verified  □	Ω										
Protective Bonding Conductor Copper 10	mm² Continuity Verified	Ω										
Material csa  Main Supply Conductor Copper 25 mm²	(connection / continuity) (✓) or Value (✓) or Value  Water installation ✓	] Ω										
Main Switch Location CONSUMER UNIT	Gas installation pipes $\checkmark$ $\Omega$ To lightning protection $\square$	] Ω										
OONSOMER SINT	Oil installation pipes NA Ω Other NA	Ω										
Fuse/device rating or setting Switch A Voltage rating 230 V	BS(EN) 60947-3 No. of Poles 2 Current Rating 100 A											
If RCD main switch: Rated residual operating current I Δn N/A m/A	A Rated time delay N/A ms Measured operating trip time N/A m	s										
Comments on existing installation (in case of addition or alteration see sect	ion 644.1.2) use continuation sheet if needed											
NO GROMMETS IN SOME SOCKETS WATER BOND NOT WITHIN 600 OF WATER TAP BUT ALSO HAS 6MM EARTI	L AT STOR TAR											
WATER BOND NOT WITHIN 000 OF WATER TAF BUT ALSO HAS DIVINI EARTH	TAI STOF TAF											
(For additions or alterations) cables concealed within trunking and conduits, or cables or conduits concealed to	under floors, in roof spaces and generally within the fabric of the building or underground may not have been inspected.											
Schedule of Inspection - Outcomes												
		7										
Indicates an inspection has been carried out and the result is satisfactory	Indicates the inspection is not applicable to a particular item											
1.0 Condition of consumer's intake equipment (visual inspection only)	8.0 Circuits (Distribution and Final)	j										
2.0 Parallel or switched alternative sources of supply	9.0 Isolation and switching											
3.0 Protective measure: Automatic Disconnection of Supply (ADS)	10.0 Current-using equipment (permanently connected)											
	11.0 Identification and notices											
	12.0 Location(s) containing a bath or shower	_										
	13.0 Other special installations or locations	-										
7.0 Distribution equipment	14.0 Prosumer's low voltage electrical installation(s)	_										
SCHEDULES: This cerificate is only valid when (enter quantities of schedules)	dules attached) 1 schedules of circuit details and test results are attached	:d										
Inancatoria Nama	Signature	7										
Inspector's Name: Christopher Triffitt	Signature Christopher Triffitt											
Date: 09/02/2024		Date: 09/02/2024										

FT/EIC 8951000001211

#### **ELECTRICAL INSTALLATION CERTIFICATE - Circuit Details**

8951000001211

for Domestic and Similar Premises up to 100 A

Requirements for Electrical Installations

BS7671 :2018+A2:2022 (IET Wiring Regulations 18th Edition)

Client Address 58 Gillygate YORK, NORTH YORKSHIRE Postcode YO24 4NG									
YORK, NORTH YORKSHIRE Postcode YO24 4NG									
Client Postcode Y031 7EQ									
Distribution board 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)* T1  T2	$\overline{}$								
Location FRONT DOOR for the distribution circuit:									
Designation         DB 1         No. of phases         1         BS(EN)         N/A         Type         N/         Rating         N/A	Α								
No. of ways 6 Nominal voltage 230 V RCD BS(EN) N/A Type N/A Rating N/A	I∆n mA								

SCHEDULE OF CIRCUIT DETAILS																
Circ		Тур	Ref	No.	Circuit co	nductors	Max discr time	Overcurrent protect	tive dev	rices	Bre cap	BS 7671 Max. permitted Zs Other Other §	RCD			
Circuit No. and Line	Circuit designation	Type of wiring	Ref. method ∺	No. of points served		СРС	Maximum disconnection $\widehat{\mathcal{O}}$ time (BS 7671)	BS EN Number	Type No.	Rating (A)	Breaking A capacity (K	Other Other §  80% (Ω)	BS EN Number	Type No.	lΔn (mA)	Rating (A)
1/S	SOCKETS	А	С	7	2.5	1.5	0.4	61009 RCD/RCBO	В	32	6	1.09	61009	Α	30	32
2/S	SOCKETS	А	С	6	4	1.5	0.4	61009 RCD/RCBO	В	20	6	1.75	61009	Α	30	20
3/S	Lights/SMOKES	А	С	17	1	1	0.4	61009 RCD/RCBO	В	6	6	5.82	61009	А	30	6
4/S	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
5/S	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
6/S	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
																$\Box$

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 CERTIFICATE - Test Results**

FT/EIC 8951000001211

for Domestic and Similar Premises up to 100 A

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

Client	Name	ADAM BENNETT			Installation Address	, 88 Gladstone Street, Acomb, YORK, NORTH					
Client	Address	Too omygato	Client YO31 7	EQ		YORK	SHIRE				
YORK, NORTH YORKSHIRE Postcode					Installation Postcode	YO24	YO24 4NG				
Distribu	tion board o	letails - Complete in every case		Complete only if the distribution board is not connected directly to the origin of the installation							
Locatio	n FR	ONT DOOR		Associ	ated RCD (if any): BS (EN)	N/A					
Designa	ation DB	1		$Z_{db}$ $0.23$ Operating at $I\Delta n$ $N/A$ ms							
No. of v	ways 6 chases 1	Supply polarity confirmed F	_		kA No. of poles N			Time delay (if applicable)	N/A		
			TES <sup>*</sup>	r RES	ULTS						
0		Circuit impedance $\Omega$			nsulation resistance lecord lower reading)	Polari	Max. Meas	RCD testing	Manual test button operation		

TEST RESULTS														
	Circuit impedance Ω				Insulation resistance (Record lower reading)			Polarity	Max Mea	RCD testing	Manua button o			
Circuit No. and Line	Rin	g final circuits	only	Fig 8 check	R1R2	or R2	Test voltage	L/L, L/N	L/E, N/E	rity	Measured Zs	All RCDs IΔn ms	RCD	AFDD
	r1	rn	r2	(√)	R1 + R2	R2	V	Μ(Ω)	Μ(Ω)		(Ω)		(\(\sigma\)	(√)
1/S	0.29	0.30	0.46	✓	0.19	N/A	500	>999	>999	<b>√</b>	0.52	23.7	<b>√</b>	N/A
2/S	N/A	N/A	N/A	N/A	0.21	N/A	500	>999	>999	<b>√</b>	0.44	29.7	<b>√</b>	N/A
3/S	N/A	N/A	N/A	N/A	0.70	N/A	500	>999	>999	<b>√</b>	0.92	28.3	<b>✓</b>	N/A
4/S	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
5/S	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
6/S	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
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Details of	of circuits and/	or installed eq	uipment vulner	able to dan	nage when te	sting			Date	(s) dead tes	sting 0	9/02/2024 To	09/02/20:	24
LEDS,	FAN, BOILE	R								e(s) live tes		9/02/2024 To	09/02/20	
		iber(s) Loop imp			Insulation re			Continuity		RCD		E/Electrode		
		apital letters)		CHRISTOF	HER TRIFFI				Signature Ch	ristopher	r Triffit			
Po	Position Director Date 09/02/2024													