

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



FT/EIC 5018000001021

С	lient Details												
	Client	Alison Elsome	I	Installation	Rental Property, 30 Starkey Crescent. York, YO31 0SY								
	Address	Kirkside Cottage Appleton le Moors York	,	Address	30 Starkey Crescent York								
	Postcode	YO626TE	ı	Postcode	YO310SY								
D	etails of the Insta	allation											
	Description of premis		Industrial		Date of original installation 1970/80s								
	Installation is New		Records Available	Yes ☐ No 🗸	RCD Risk assessment attached								
	Description of the installation [ex local authority re-wire done 40/50 years ago. new consumer unit fitted July 2020 with dedicated RCBOs. normal domestic install for 2/3 bed house.												
	, 200 300 Notes (200 300 Notes)												
	Extent of the installa	tion covered by this certificate											
	New socket circuit u	sing RCBO&AFDD as this will be a HMO.	New smoke detecto	r circuit. Re-test of ex	isting Socket Circuit as this was added to.								
	Details of departures from BS 7671 (regulations 120.3, 133.1.3 and 133.5) None												
	Details of permitted	exception. (regulation 411.3.3) where app	licable a suitable risk	k assessment(s) mus	be attached to this certificate								
	None	, , , , , , , , , , , , , , , , , , , ,		()									
D	eclaration for De	sign, Construction, Inspection ar	nd Testing (for s	ole person respo	nsibility)								
	I being the person re described in Section	sponsible for design, construction, inspection 2, having exercised reasonable skill and ca	on and the test of the are when carrying out	electrical installation (the design, constructi	as indicated by my signature below), particulars of which are on, inspection and test hereby CERTIFY that the design, of in accordance with BS 7671:2018, amended to								
	except for the depart	ures, if any, listed below. The extent of liab	lity of the signatory or	r the signatories is lim	ted to work described in Section 2 as subject of this certificate.								
	For the DESIGN / C	CONSTRUCTION / INSPECTION & TEST	of the installation:										
	Company	Backhaul Sales Services Limited		Position	Director								
	Inspector Name	Paul Elsome		Date	27/08/2023								
	Address	Kirkside Cottage		Scheme No.	50180 Branch No.								
		York, North Yorkshire YO62 6TE		Signature	Paul Elsome								
	Boylous d B			1									
	Reviewed By			Reviewed By									
	Reviewed By Date			Signature									
	Next inspection 14	the designer recommend that this install	ation is further inser	acted after an interva	of not more than 2 vears								

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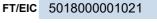


Supply Characteristics and Earthing Arrangements													
Earthing Arrangements TN-S ✓ TN-C-S TT	Othe	r If Other please specify N/A											
Number & Type of live conductors AC ✓ DC No. of phases	1	No. of wires 2											
Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)													
Nominal voltage, U/U ₀ ⁽¹⁾ 230 v	Nominal	frequency, $f^{(1)}$ 50 H_z Confirmation of polarity \checkmark											
Prospective fault current, I _{pf} (2) 2.2 kA External	l loop im	pedance, $Z_e^{(2)}$ 0.11 Ω											
Supply Protective Device BS (EN) 88 Type 2 Rated Current 60 A													
No. of Additional Supplies none													
Particulars of Installation at the Origin Details of installation Earth Electrode (where applicable) Type (e.g. rod(s)	tane et	Means of Earthing c) Distributors facility ✓ Installation Earth Electrode											
Location Electrode (where applicable) Type (e.g. 100(s)													
Main Protective Conductors Material cs		(√) or Value (√) or Value											
Earthing Conductor Copper 16	r	$_{ m mm^2}$ Continuity Verified ert Ω Connection Verified Ω											
Protective Bonding Conductor Copper 10	r	nm ² Continuity Verified \checkmark Ω Connection Verified Ω											
Material csa		(connection / continuity) (\checkmark) or Value (\checkmark) or Value											
Main Supply Conductor Copper 16 mm²		Water installation $lacksquare$ $lacksquare$ $lacksquare$ $lacksquare$ $lacksquare$ $lacksquare$ $lacksquare$											
Main Switch Location on kitchen wall, above kitchen wall cupboards		Gas installation pipes $lacksquare$ Ω To lightning protection Ω											
		Oil installation pipes Ω Other Ω											
Fuse/device rating or setting 100 A Voltage rating 400 V BS(EN) 60947-3 No. of Poles 2 Current Rating 100 A If RCD main switch: Rated residual operating current I Δn mA Rated time delay ms Measured operating trip time ms													
If RCD main switch: Rated residual operating current I Δn	mA	Rated time delay ms Measured operating trip time ms											
Comments on existing installation (in case of addition or alteration see se	ection 64	14.1.2) use continuation sheet if needed											
General condition Good. New consumer unit installed in July 2020. Old socket	circuit h	as 1mm2 cpc.											
(For additions or alterations) cables concealed within trunking and conduits, or cables or conduits concealed	ed under flo	ors, in roof spaces and generally within the fabric of the building or underground may not have been inspected.											
Schedule of Inspection - Outcomes													
Indicates an inspection has been carried out and the result is satisfactory	\bigcirc	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)											
2.0 Parallel or switched alternative sources of supply	NA	9.0 Isolation and switching											
3.0 Protective measure: Automatic Disconnection of Supply (ADS)		10.0 Current-using equipment (permanently connected)											
4.0 Basic Protection	\bigcirc	11.0 Identification and notices											
5.0 Protective measure other than ADS	\bigcirc	12.0 Location(s) containing a bath or shower											
6.0 Additional protection	\bigcirc	13.0 Other special installations or locations											
7.0 Distribution equipment													
SCHEDULES: This cerificate is only valid when (enter quantities of schedules attached) 1 schedules of circuit details and test results are attached													
Inspector's Name: Paul Elsome		Signature											
Date: 26/08/2023													

ELECTRICAL INSTALLATION CERTIFICATE - Circuit Details

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



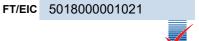


	Name Address Postcode	Alison Elsome Kirkside Cottage, Appleton le Moors York Y0626TE							Installatio Postcode	n Ad	ldress	0SY,	al Property, 30 Starkey Crescent. York, YO31 30 Starkey Crescent, York					
Distribu	ution board detailis: Type(s)* Tin Kitchen	ils - Complete in e	- Complete in every case						re device Supply to couit:	origin of the installation				I is from Type Rating IΔn mA				
									CIRCUIT DETA	ILS								
Circi and			Туре	Ref.	No. c	Circuit co	nductors mm²)	Maxin discor time (I	Overcurrent protective devices				BS 7671 Max. permitted Zs Other Other §	RCD				
Circuit No. and Line	Circuit o	designation	Type of wiring	Ref. method ∺	No. of points served	L/N	CPC	Maximum disconnection Θ time (BS 7671)	BS EN Number	Type No.	Breaking (A) Capacity (K Rating (A)		80% (Ω)	BS EN Number	Type No.	lΔn (mA)	Rating (A)	
4	Socket ring cire	cuit	Α	C	15	2.5	1	0.4	61009	В	32	6	1.1	61009	AC	30	32	
6	Sockets Back	Bedrooms	Α	С	8	2.5	1.5	0.4	61009 & 62606	В	32	6	1.1	61009 & 62606	Α	30	32	
7	Smoke Detector	ors	Α	101	4	1	1	0.4	61009	В	6	6	5.87	61009	А	30	6	
																	1	
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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												ables,						
* SPD Ty t Where :j: See Ta § Where	ype. Where a con a T3 SPD is insta able 4A2 of Appel the maximum pe	tal Work, FM Ferrous ablined T1 + T2 or T illed to protect sens and x 4 of BS 7671:2	Metal, O 2 + T3 d itive equ 018+A2 oop impe	Other evice is ipment :2022. edance	s installed, enter D	d, indicate etails of Ci ated in Ma:	by ticking rcuits, of t	both boxe the Schedu	s. lle of Test Results. (See from a source other tha	Sectio	n 534 of	FBS 7671:2	2018+A2:202	22.)				

ELECTRICAL INSTALLATION CERTIFICATE - Test Results

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Client Address						Client YO626TE Postcode				n Daataada	0SY, 30 Starkey Crescent, York							
		<u> </u>				sicode		I		n Postcode	YO310SY							
Locatio		nen Wall	ete in every ca	ise					ted RCD (if any):		is not connected directly to the origin of the installation							
Designa								Z _{db}	ted NOD (ii ariy).	. ВЗ (ЕМ)	On a matter of the first							
_	<u> </u>							_ab			Ω Operating at IΔnms							
No. of v			Supply polar			sequence con		I _{pf}	kΔ	No. of poles		1	Time delay (if applicable)	_	\neg			
No. of phases SPD: Operational status confirmed Not applicable									JUL	110: 01 poios			Time delay (ii applicable)					
TES									ULTS									
0			Circuit imped	lance Ω			Insulation resistance (Record lower reading)					Max. Measured	RCD testing		ial test operation			
Circuit No. and Line	Rin	ng final circuits only 유명 및 및 및 및 및 및 및 및 및 및 및 및 및 및 및 및 및 및			R1R	2 or R2	Test	voltage	L/L, L/N	L/E, N/E	Polarity	ured	All RCDs IΔn ms	RCD	AFDD			
t No. Line	r1	rn	r2	· (√)	R1 + R2	R2		V	$M(\Omega)$	M(Ω)	(✓)	Zs (Ω)		(✓)	(✓)			
	0.67	0.67	1.79	✓	.94		500		>500	>500	✓	1.05	32.2	✓	N/A			
6	0.31	0.31	.54	✓	.28		500		>500	>500	✓	0.69	37.7	✓	✓			
7				✓	0.55		500		>500	>500	✓	0.66	32.8	✓	N/A			
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Details of circuits and/or installed equipment vulnerable to damage when testing																		
LED lig		54 30	. , ,		J	3					dead tes		7/08/2023 To	27/08/20				
		number(s)								Date(s) live tes	ting 2	7/08/2023 To	27/08/20)23			
	trument serial pedance 316		Insulatio	n resistanc	3163149		Contin	uity 3163	149	RCD 3163149)	E/E	Electrode					
		apital letters		PAUL ELS						Signature _{Paul}								
	osition Direct				Date 27	/08/2023				2 uut	2.50110	-						