ELECTRICAL INSTALLATION CERTIFICATE

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: EPP56374 Branch No*: Trading Title: Flex Electrical Services Address: 4 Oak avenue, Radcliffe on trent, Nottingham Postcode: NG12 2AP Tel No: 07719058277	DETAILS OF THE CLIENT Contractor Reference Number (CRN): N/A Name: Trevor parr associate's Address 90 Paget Street, Loughborough, Leicestershire Postcode: LE11 5DT Tel No: N/a	DETAILS OF THE INSTALLATION Occupier: Tenants Unique Property Reference Number (UPRN): N/a Address: 27 Teversal Avenue, Nottingham, Nottinghamshire Postcode: NG7 1PY Tel No: N/a
PART 2 : DETAILS OF THE ELECTRICAL WORK COVER	RED BY THIS INSTALLATION CERTIFICATE	
Date works completed: 29/10/2024 Description and extent of the installation covered by this certificate: New metal clad co	The installation is New: (N/A) An addition: (N/A) onsumer unit fitted with 15 ways and 2 x 30mA type A RCD, 4 x AFFd's with	An alteration: (N/A) Replacement of a distribution board: () th surge protection, Visual inspection of distributors equipment only.
		Where necessary, continue on a separate numbered page: Page No(s) (N/A)
PART 3 : COMMENTS ON THE EXISTING INSTALLATION	ON (in the case of an addition or alteration see Regulation 644.1.2)	
N/a		Where necessary, continue on a separate numbered page: Page No(s) (N/A)
PART 4A: DECLARATION FOR THE ELECTRICAL INST	FALLATION WORK (use where the design, construction, inspection	n & testing have been the responsibility of one person)
	the signatory is limited to the work detailed in PART 2) ctrical installation, particulars of which are described in PART 2, having exercised reasonable sk belief in accordance with BS 7671: 2018 amended to 2024 (date) except for the departur	
Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attach	ned: N/A) Page No(s) (N/A)	where required, continued on attached separate page(s) ($\frac{N/A}{N}$)
I, being the designer of the electrical installation, also RECOMMEND that this installation is fu		ve during its intended life. The period should be agreed between relevant parties
Name (capitals): PETER WILSON	Organisation: Flex Electrical Services	Registration No*: EPP56374
Address: 4 Oak avenue Radcliffe on trent Nottingham Signature: Date: 30/10/202	Postcode: NG12 2AP	Tel No: 07719058277
REVIEWED BY QUALIFIED SUPERVISOR Name (capitals): PETER WILSON	Signature: Dulvon	Date: 30/10/2024

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ELECTRICAL INSTALLATION CERTIFICATE

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

PART 4B : DECLARATION FOR TH	HE ELECTRICAL INSTALLATION	I WORK (to be completed where different parties are re	sponsible for the design, construction, inspection & testing)
DESIGN (The extent of liability of the signatories is	limited to the work detailed in PART 2)		
		ribed in PART 2, having exercised reasonable skill and care when carrying out to cept for the departures, if any, detailed on attached page(s) (N/A) (Regulat	the design, hereby CERTIFY that the design work for which I/we have been responsible is to ions 120.3 , $133.1.3$ and 133.5).
■ Permitted exception applied (411.3.3): XX/NA	Risk assessment attached: N/A)	ge No(s) (N/A)	
DESIGNER 1 Name (capitals): N/A		N/A Signature:	Date: N/A
DESIGNER 2 (where there is divided responsibility for de	sign) Name (capitals): N/A	N/A Signature:	Date: N/A
	The state of the s	cted and tested by:	(*Where applicable) e during its intended life. The period should be agreed between relevant parties.
Organisation (Designer 1): N/A	Registration No*	N/A Organisation (Designer 2): N/A	Registration No*!N/A
Address: N/A		Address: N/A	
Postcode: N/A	Tel No: N/A	Postcode: N/A	Tel No: N/A
CONSTRUCTION (The extent of liability of the sign	natory is limited to the work detailed in PART 2)		
			ne construction, hereby CERTIFY that the said work for which I have been responsible is, to gulations 120.3 and 133.5).
Name (capitals): N/A		Organisation: N/A	Registration No*:N/A
Address: N/A N/A Signature:	_{Date} . N/A		Tel No: N/A
INSPECTION & TESTING (The extent of liability of	of the signatory is limited to the work detailed in P	ART 2)	
I, being the person responsible for the inspection and tes	sting of the electrical installation, particulars of which		ying out the inspection and testing, hereby CERTIFY that the said work for which I have (N/A) (Regulations 120.3 and 133.5).
Name (capitals): N/A		Organisation: N/A	Registration No*: N/A
Address: N/A			
Signature: N/A	Date: N/A	Postcode: N/A	Tel No: N/A
REVIEWED BY QUALIFIED SUPERVISOR (for t	he Contractor detailed in PART 1)		
Name (capitals): N/A		Signature:	Date: N/A

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

Original (to the person ordering the work)



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PART 5 : SUPPLY CHARACTERIS	TICS AND EARTHING	ARRANGE	EMENTS					
$ \begin{array}{cccc} \text{System type and earthing arrangements} \\ & & & & & & & & & & & & \\ & & & & & $	TN-C-S: () Rated current: (100) A	AC 1-phase, 2- 3-phase, 3 DC 2-wire: (N. Confirmation of s		3-phase, r: (N/A	3-wire: (N/A) 4-wire: (N/A) (Nature of supply parameters Nominal voltage between lines, $U^{[1]}$: Nominal line voltage to Earth, $U_{O}^{[1]}$: Nominal frequency, $f^{[1]}$: Prospective fault current, $I_{pf}^{[2]*}$: Earth fault loop impedance, $Z_{e}^{[2]*}$:	(N/A) v (230) v (50) hz (3.5) ka (0.07) Ω	^[1] By enquiry ^[2] By enquiry or by measurement
PART 6: PARTICULARS OF INST	ALLATION REFERRED	TO IN THI	IS CERTIFICATE					
Maximum demand (load): (85) XX/A (delete as appropriate) Means of Earthing Distributor's facility: (Main protective bonding conductors (material Copper csa (1.0) mm² Connec	tion/continuity verified: (🗸)	Main protective bonding connections Water installation pipes: Gas installation pipes: Structural steel: Oil installation pipes: Lightning protection: Other (state): N/A N/A	(Location: (C.e. BS EN: (6.0 No. of poles: (2.) Where an RCD is	witch-fuse / Circuit-breaker / RCD ellar 1947-3) Type: (3) Current rating: (1) s used as the main switch al operating current, $I_{\Delta n}$: (N/A) mA Rated time delay: (N/A) ms	OO) A Voltag	f device: (N/A) A e rating: (230) V pe: (N/A) ne: (N/A) ms
PART 7 : SCHEDULE OF ITEMS I	NSPECTED (enter ✓oı	N/A, as a	pplicable)					
Condition of consumer's intake equipment (visual inspection only) Parallel or switched alternative sources of supply Protective measure: Automatic disconnection of section Protective measures other than ADS		 7. Distribution 8. Circuits (doi: 10.) 9. Isolation and 10. Current-us 	Il protection on equipment distribution and final) and switching sing equipment (permanently connected) tion and notices		Outcome (ocations ation(s)	Outcome () (N/A (N/A ()
PART 8 : SCHEDULES AND ADD	ITIONAL PAGES (the pa	ges identifie	d are an essential part of this re	port (see	Regulation 65	3.2))		
Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B) Page No(s): (4 & 5)	Additional pages, including data s for additional sources Page No(s): (Non		Special installations or locations (indicated in item 13 of PART 7) Page No(s): (None)	Schedules relat (indicated in ite Page No(s):	•	Continuation sheets Page No(s): (None)

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PA	PART 9A: SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)															
_		(98)	po	erved		Circuit conductor (number & csa)			nt protective de	evice	RCD					
Circuit number	Circuit description	Type of wiring (see footer to PART 9B)	Reference Method (BS7671)	Number of points served	Live (mm²)	cpc (mm²)	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 _{An} (mA)
1	Surge protection device	rotection device 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	N/A	N/A		
2	Kitchen sockets	А	В	11	2.5	1.5	0.4	62606	В	32	6	1.37	62606	Α	32	30
3	Downstairs sockets	Α	В	8	2.5	1.5	0.4	62606	В	32	6	1.37	62606	Α	32	30
4	1st floor sockets	Α	В	13	2.5	1.5	0.4	62606	В	32	6	1.37	62606	Α	32	30
5	Loft sockets	Α	В	8	2.5	1.5	0.4	62606	В	32	6	1.37	62606	Α	32	30
6	Hob/ fridge	Α	В	1	6	2.5	0.4	60898	В	32	6	1.37	61008	A	80	30
7	Water heater	Α	В	1	2.5	1.5	0.4	60898	В	16	6	2.73	61008	A	80	30
8	Security alarm	Α	В	1	1	1	0.4	60898	В	6 6	6	7.28	61008	Α 8	80	30
9	Downstairs lights/ fire alarm	A	В	11	1	1	0.4	60898	В	6	6	7.28	61008	Α	80	30
10	Mini hob	Α	В	1	2.5	1.5	0.4	60898	В	16	6	2.73	61008	Α	80	30
11	Cellar lights	Α	В	3	1	1	0.4	60898	В	6	6	7.28	61008	Α	80	30
12	Upstairs/ loft lights	Α	В	17	1	1	0.4	60898	В	6	6	7.28	61008	A	80	30
13	Central heating	Α	В	1	1	1	0.4	60898	В	6	6	7.28	61008	A	80	30
14	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
15	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
			**CDD T													
DISTRIBUTION BOARD (DB) DETAILS (complete in every case) DB designation: DB one Location of DB: Cellar Type brackets.							TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: N/A							TION		
	Z_{db} : 0.07 I_{pf} at DB† 3.5		Where T3	devices ar	e installed o			ent protective devic								
Con	firmation of supply polarity: () Phase sequence confirmed†:	(N/A)			equipment, o s' (PART 9B		BS (EN): (N/A) Type: (N/A)	Nominal vol	tage: (N/A) V Rating: (N/A) A N	lo. of phases:	: (N/A)
	Details** Types: T1 (N/A) T2 (✓) T3 (N/A) N/A		(See Sect	ion 534 for	further deta	ails).	Associate	ed RCD (if any)								
Status indicator checked (where functionality indicator is present): N/A () Note that not all SPDs have visible functionality indicator. Note that not all SPDs have visible functionality indicator. Note that not all SPDs have visible functionality indicator. Note that not all SPDs have visible functionality indicator.											/A) ms					



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P/	PART 9B: SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)													
	Continuity (Ω) Insulation re									red oop ,Zs	R	CD	AFDD**	
Circuit number		ng final circuits easured 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 ₁	(Neutral) r _n	(cpc) r ₂	$(R_1 + R_2)$	R ₂	(ΜΩ)	(ΜΩ)	(V)	(/)	(Ω)	(ms)	(1)	(/)	
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	
2	0.59	0.59	1.03	0.39	N/A	>500	>500	500	v	0.61	80.7	/	V	
3	0.60	0.60	1.03	0.41	N/A	>500	>500	500	~	0.58	79.9	1	V	
4	0.46	0.48	0.76	0.30	N/A	>500	>500	500	1	0.52	79.9	/	/	
5	0.39	0.39	0.64	0.25	N/A	>500	>500	500	V	0.47	80.1	1	V	
6	N/A	N/A	N/A	0.36	N/A	>500	>500	500	1	0.43	29.1	1	N/A	
7	N/A	N/A	N/A	0.10	N/A	>500	>500	500	1	0.17	29.1	/	N/A	
8	N/A	N/A	N/A	0.43	N/A	>500	>500	500	v	0.50	29.1	/	N/A	
9	N/A	N/A	N/A	1.07	N/A	>500	>500	500	/	1.14	29.1	/	N/A	
10	N/A	N/A	N/A	0.63	N/A	>500	>500	500	/	0.70	20.6	/	N/A	
11	N/A	N/A	N/A	0.59	N/A	>500	>500	500	V	0.66	20.6	/	N/A	
12	N/A	N/A	N/A	1.77	N/A	>500	>500	500	1	1.84	20.6	V	N/A	
13	N/A	N/A	N/A	0.60	N/A	>500	>500	500	v	0.67	20.6	/	N/A	
14	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	
15	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	
Circ	uits/eauinm	ent vulnerah	le to damage	when testin	ng (where a	nnlicable). Ta	ake cautior	n carrying	out in	sulation re	sistance	test or	all circu	cuits
0110	ans, equipm	ciit vaiiiciab	ic to dumage	, which tooth	ig (which di	opiicabic)								
• • • • •														
TE	STED BY	Name (capitals): PE	ETER WI	LSON				Positio	n: Duty ho	older			Signature: Dulivon Date: 30/10/2024
TE	ST INSTRI	JMENTS (ENTER SE	RIAL NUN	IBER AGA	INST EACH	H INSTRUM	IENT USED)					
Mu	Iti-function:			Cont	inuity:			Insulatio	n resist	ance:		Ea	th fault loo	oop impedance: Earth electrode resistance: RCD:
3.	14115			. N/A				N/A				. <u>N</u>	Α	N/A N/A
* RCI	RCD effectiveness is verified using an alternating current test at rated residual operating current (I _{Δn}) ** 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													

Thermoplastic insulated / sheathed cables Thermoplastic cables in metallic conduit Thermoplastic cables in non-metallic conduit Thermoplastic cables in metallic trunking Thermoplastic cables in non-metallic trunking (H) Mineral-insulated cables Other (state) N/A (B) (D) (C) (E) (F) CODES for Type of wiring (G) Thermosetting / SWA cables Thermoplastic / SWA cables

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

NOTES FOR RECIPIENT

THIS CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

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 the national standard for the safety of electrical installations, *BS 7671: 2018* (as amended) - Requirements for Electrical Installations.

This certificate should only be issued for work in electrical installations that are intended to operate at low or extra-low voltage falling within the scope of Approved Document P (England and Wales) and are:

- in or attached to a dwelling in the common parts of a building serving one or more dwellings, but excluding the power supplies to lifts, or
- in a building that receives its electricity from a source located within or shared with a dwelling, or
- in a garden, or
- in or on land associated with a building where the electricity is from a source located within or shared with the dwelling.

If you were the person ordering the work, but not the owner or user of the installation, you should pass this certificate, or a full copy of it, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671*: 2018 (as amended) 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 & safety documentation.

For safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a skilled person or persons competent in such work. The maximum interval recommended before the next inspection is stated in PART 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate.

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, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate, which consists of at least five numbered pages, is only valid if the Schedule of Items Inspected has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details and Test Results is attached. The certificate has a unique serial number which is traceable to the contractor to which it was supplied by NICEIC.

For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded on Page 5, one or more additional Schedules of Circuit Details and Test Results, should form part of the certificate.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s) and signature(s) of the person(s) certifying the three elements of installation work: design, construction, inspection & testing, and page 3 identifies the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of BS 7671: 2018 (as amended) (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection & testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection & testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with BS 7671: 2018 (as amended).

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 a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, an additional page should have been provided which gives the relevant information relating to each additional source, and to the associated earthing arrangements and main switchgear.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards – *BS 5839* and *BS 5266* respectively. This electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

Should the person ordering the work (e.g. the client, as identified on Page 1 of this certificate), have reason to believe that any element of the work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018* (as amended), the client should in the first instance raise the specific concerns in writing with the contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard 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).