

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018+A2:2022 - Requirements for Electrical Installations

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Trading Title: M. FIELDHOUSE ELECTRICAL

Address: 7 MEADOWS GARTH

THORPE WILCOXENBY

SELBY

Postcode: YO8 9PL

Tel No:

DETAILS OF THE CLIENT

Contractor Reference Number (CRN):

Name: M.T. COOK / M.T.M. DEANER

Address: 69 KEBLE PARK SOUTH

BISHOPTHORPE, YORK

Postcode: YO23 2SQ

Tel No:

DETAILS OF THE INSTALLATION

Occupier: TEAMAST

Unique Property Reference Number (UPRN):

Address: 62 BAD BAGENS LANE

YORK

Postcode: YO31 0AU

Tel No:

PART 2 : DETAILS OF THE ELECTRICAL WORK COVERED BY THIS INSTALLATION CERTIFICATE

Date works completed: 16/12/2024

The installation is

New (.....)

An addition: (.....)

An alteration: (.....)

Replacement of a distribution board: (.....)

Description and extent of the installation covered by this certificate: WIRE INSTALLATION

Where necessary, continue on a separate numbered page: Page No(s) (.....)

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

SATISFACTORY

Where necessary, continue on a separate numbered page: Page No(s) (.....)

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the design, construction, inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design, construction, inspection and testing for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671: 2018+A2:2022 except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

..... where required, continued on attached separate page(s) (.....)

..... Permitted exception applied (411.3.3): Yes/NA (.....) Risk assessment attached: (.....) Page No(s) (.....)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: (date)

The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties

Name (capital): M. FIELDHOUSE

Organisation: NAPIT

Registration No: 14581

Address: 7 MEADOWS GARTH, THORPE WILCOXENBY, SELBY

Signature: M. Fieldhouse

Postcode: YO8 9PL

Tel No:

Date: 16/12/2024

REVIEWED BY

Name (capital): M. FIELDHOUSE

Signature: M. Fieldhouse

Tel No:

Date: 16/12/2024

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+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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+A2:2022* 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 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.

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 consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedules of Circuit Details and Schedule of Test Results should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages listed in PART 8 are missing.

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), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and 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+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and 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, the absence of certification for the construction or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, you should question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 indicator 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 these 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+A2:2022*, the client should raise the specific concerns in writing with the contractor.

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018+A2:2022 - Requirements for Electrical Installations

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements		Number and type of live conductors		Nature of supply parameters	
TN-C: (.....) <input checked="" type="checkbox"/>	TN-S: (.....) <input checked="" type="checkbox"/>	TN-C-S: (.....)	AC 1-phase, 2-wire: (.....) <input checked="" type="checkbox"/>	2-phase, 3-wire: (.....)	Nominal voltage between lines, U_{ll} : (230) V
TT: (.....) <input type="checkbox"/>	IT: (.....) <input type="checkbox"/>		3-phase, 3-wire: (.....) <input type="checkbox"/>	3-phase, 4-wire: (.....)	Nominal line voltage to Earth, U_{0l} (1): (230) V
Supply protective device	Rated current: (60) A	DC 2-wire: (.....) <input type="checkbox"/>	3-wire: (.....) <input type="checkbox"/>	Other: (.....) <input type="checkbox"/>	Nominal frequency, f (1): (50) Hz
BS EN: (SS) (.....)	Type: (R) (.....)	Confirmation of supply polarity: <input checked="" type="checkbox"/>	Other sources of supply (Schedule of Test Results)	Page No: (.....)	Prospective fault current, I_{pf} (2)*: (2.5) kA
					Earth fault loop impedance, Z_e (2)*: (0.09) Ω

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (60) kVA (delete as appropriate)	Main protective conductors	Main protective bonding connections	Main switch / Switch-fuse / Circuit-breaker / RCD
Means of Earthing	Earthing conductor: (material) COPPER	Water installation pipes: (.....) <input checked="" type="checkbox"/>	Location: (DOWNSTAIRS CUPBOARD) (.....)
Distributor's facility: (.....) <input checked="" type="checkbox"/>	csa (10) mm ²	Gas installation pipes: (.....) <input checked="" type="checkbox"/>	BS EN: (60947-3) Type: (R) Rating / setting of device: (100) A
Installation earth electrode(s): (.....) <input type="checkbox"/>	Connection/continuity verified: (.....) <input checked="" type="checkbox"/>	Structural steel: (.....) <input type="checkbox"/>	No. of poles: (2) Current rating: (60) A Voltage rating: (230) V
Earth electrode type - rod(s), tape, etc: (.....) <input type="checkbox"/>	Main protective bonding conductors: (material) COPPER	Oil installation pipes: (.....) <input type="checkbox"/>	Where an RCD is used as the main switch
Location: (.....) <input type="checkbox"/>	csa (10) mm ²	Lightning protection: (.....) <input type="checkbox"/>	RCD rated residual operating current, $I_{\Delta n}$: (.....) mA
Electrode resistance to Earth: (.....) Ω	Connection/continuity verified: (.....) <input checked="" type="checkbox"/>	Other (state): (.....) <input type="checkbox"/>	Rated time delay: (.....) ms
			Measured operating time: (.....) ms
			RCD Type: (.....)

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓ or N/A, as applicable)

	Outcome		Outcome
1. Condition of consumer's intake equipment (visual inspection only)	(.....) <input checked="" type="checkbox"/>	6. Additional protection	(.....) <input checked="" type="checkbox"/>
2. Parallel or switched alternative sources of supply	(.....) <input checked="" type="checkbox"/>	7. Distribution equipment	(.....) <input checked="" type="checkbox"/>
3. Protective measure: Automatic disconnection of supply (ADS)	(.....) <input checked="" type="checkbox"/>	8. Circuits (distribution and final)	(.....) <input checked="" type="checkbox"/>
4. Basic protection	(.....) <input checked="" type="checkbox"/>	9. Isolation and switching	(.....) <input checked="" type="checkbox"/>
5. Protective measures other than ADS	(.....) <input checked="" type="checkbox"/>	10. Current-using equipment (permanently connected)	(.....) <input checked="" type="checkbox"/>
		11. Identification and notices	(.....) <input checked="" type="checkbox"/>
		12. Location(s) containing a bath or shower	(.....) <input checked="" type="checkbox"/>
		13. Other special installations or locations	(.....) <input checked="" type="checkbox"/>
		14. Prosumer's low voltage installation(s)	(.....) <input checked="" type="checkbox"/>
		Schedule of Items Inspected by	
		Name (capital): M. FLEUNOOSSE	
		Signature: JASPER	
		Date: 16/12/2024	

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)	Additional pages, including data sheets for additional sources	Special installations or locations (indicated in item 13 of PART 7)	Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)	Continuation sheets
Page No(s): (4 & 5)	Page No(s): (N/A)	Page No(s): (N/A)	Page No(s): (N/A)	Page No(s): (N/A)

*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf} , and external earth fault loop impedance, Z_e , must be recorded.

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018+A2:2022 - Requirements for Electrical Installations

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)

Circuit number	Circuit description	Type of wiring (see footer to PART 9B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671) (s)	Overcurrent protective device			RCD					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Z _s ^a (Ω)	BS (EN)	Type	Rating (A)	Operating current, I _{Δn} (mA)
1	SHOWER	A	B	1	6	2.5	0.4	B	B	32	6	110	61009-3	2	63	30
2	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	B	B	32	6	110	61009-3	2	63	30
3	GARAGE	A	B	1	4	4	0.4	B	B	32	6	110	61009-3	2	63	30
4	HOUSE SOCKETS	A	B	19	2.5	1.5	0.4	B	B	16	6	2.18	61009-3	2	63	30
5	EM LIGHTS	A	B	2	1.5	1.0	0.4	B	B	6	6	5.82	61009-3	2	63	30
6	COOKER	A	B	1	6	2.5	0.4	B	B	32	6	110	61009-3	2	63	30
7	LIGHTS	A	B	17	1.5	1.0	0.4	B	B	6	6	5.82	61009-3	2	63	30
8	SMOKE ALARMS	A	B	9	1.5	1.0	0.4	B	B	6	6	5.82	61009-3	2	63	30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB1
 Location of DB: UNDER STAIRS CORRIDOR
 Z_{db}: 0.1 Ω (Ω) I_{pr} at DB: 2.5 (kA)
 Confirmation of supply polarity: (✓) T2 (✓) T3 (.....) Phase sequence confirmed: (N/A)
 SPD Details** Types: T1 (.....) T2 (✓) T3 (.....) N/A (.....)
 Status indicator checked (where functionality indicator is present): (✓)

**SPD Type.
 Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.
 Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART 9B), (See Section 534 for further details).
 Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from:
 Overcurrent protective device for the distribution circuit
 BS (EN): (.....) Type: (.....) Nominal voltage: (.....) V Rating: (.....) A No. of phases: (.....)
 Associated RCD (if any)
 BS (EN): (.....) RCD Type: (.....) I_{Δn}: (.....) mA No. of poles: (.....) Operating time: (.....) ms

1458100169 EIC18.2G

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018+A2:2022 - Requirements for Electrical Installations

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

Circuit number	Continuity (Q)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs (Q)	RCD		Comments and additional information, where required	
	Ring final circuits only (measured end to end)	All circuits (complete at least one column)	(R+R ₂)	Live / Live (MO)	Live / Earth (MO)	Test voltage DC (V)			Operating time* (ms)	Test button		AFDD test button
1	NA	NA	NA	0.15	NA	NA	500	(N)	0.124	289	(N)	(N)
2	0.16	0.17	0.31	0.12	NA	NA	500	(N)	0.121	289	(N)	(N)
3	NA	NA	NA	0.12	NA	NA	500	(N)	0.21	289	(N)	(N)
4	NA	NA	NA	0.164	NA	NA	500	(N)	0.173	289	(N)	(N)
5	NA	NA	NA	0.25	NA	NA	500	(N)	0.34	289	(N)	(N)
6	NA	NA	NA	0.13	NA	NA	500	(N)	0.21	293	(N)	(N)
7	NA	NA	NA	0.91	NA	NA	500	(N)	0.99	293	(N)	(N)
8	NA	NA	NA	0.65	NA	NA	500	(N)	0.74	293	(N)	(N)

Circuits/equipment vulnerable to damage when testing (where applicable):

ALL CIRCUITS

TESTED BY Name (capitals): N.F. FIELDHOUSE Position: INSPECTOR Signature: N.F. Field Date: 16/12/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function: 1010P2422 Continuity: _____ Insulation resistance: _____ Earth fault loop impedance: _____ Earth electrode resistance: _____ RCD: _____

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

CODES for 'Type of wiring'	(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) 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):
----------------------------	---	--	--	---	---	--------------------------------	--------------------------------	------------------------------	----------------

This certificate is based on the model forms shown in Appendix 6 of BS 7671: 2018+A2:2022
 @ Copyright Certsure LLP (March 2022)
 Enter a (N) or value in the respective fields, as appropriate.
 Where an item is not applicable insert N/A