



ELECTRICAL INSTALLATION CERTIFICATE
CERTIFICATE No: EICS-20210105113650

This is to certify that the electrical installation at the following address complies with the requirements of BS 7671:2018

33 walmgate
York
North Yorkshire
YO19TX

The following work was carried out at the address above

Full installation due to consumer upgrade, smoke alarm circuit install and power circuit to kitchen

Company issuing this Certificate

Mjh Electrical
37 Starkey Crescent
YORK
North Yorkshire
YO31 0SX
mjhelectricalyork@yahoo.com
CPS Enrolment No: 30683

Issued on
05/01/2021

Inspected by
Michael Hardcastle

Reviewed by
Michael Hardcastle

Recommended re-test

05/01/2026

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CERT NO: EICS-20210105113650

ELECTRICAL INSTALLATION CERTIFICATE (SHORT)

Requirements for electrical installations (BS 7671 IET Wiring Regulations)

DETAILS OF THE CLIENT / PERSON ORDERING THE REPORT

Client name Wm trust	Address Villa farm		
Town York	County -		
Postcode YO322RH	Telephone -	Mobile -	Email -

INSTALLATION ADDRESS

Occupier name -	Address 33 walmgate	Description of premises <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Other	Installation is <input type="checkbox"/> New <input checked="" type="checkbox"/> An addition <input checked="" type="checkbox"/> An alteration
Town York	Postcode YO19TX		
County North Yorkshire	Telephone -		


EXTENT OF INSTALLATION

Extent of the electrical installation covered by this certificate



Full installation due to consumer upgrade, smoke alarm circuit install and power circuit to kitchen

FOR DESIGN, CONSTRUCTION AND INSPECTION AND TESTING

Trading title Mjh Electrical	Postcode YO31 0SX	Company email mjhelectricalyork@yahoo.com
Address 37 Starkey Crescent	Telephone no -	Website -
Town YORK	Mobile number 07568505896	
County North Yorkshire	Enrolment no 30683	

Details of departures and permitted exceptions BS 7671 (Regs 120.3, 133.1.3, 133.5, 411.3.3). Risk assessment included.

I/We, being the person(s) responsible for the design, construction and inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction and inspection and testing, hereby CERTIFY that the work for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671:2018 except for the departures, if any, detailed as follows.

Inspected and tested by	Signature	Certificate authorised by	Signature
Name Michael Hardcastle		Name Michael Hardcastle	
Position Electrician/company owner	Date 05/01/2021	Position Electrician/company owner	Date 05/01/2021

NEXT INSPECTION

I / We, recommend that this installation is further inspected and tested no later than 05/01/2026

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SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements		Number and type of live conductors			Nature of supply parameters				Supply Protective Device			
TN-S	<input checked="" type="checkbox"/>	AC	<input checked="" type="checkbox"/>	DC	<input type="checkbox"/>	Nominal voltage - U	N/a V	U _o	400 V	BS(EN)	1361-II	
TN-C-S	<input type="checkbox"/>	1-phase (2 wire)	<input checked="" type="checkbox"/>	1-phase (3 wire)	<input type="checkbox"/>	2 pole	<input type="checkbox"/>	Nominal frequency - f	50 Hz	No of supplies	1	
TN-C	<input type="checkbox"/>	2-phase (3 wire)	<input type="checkbox"/>	3 pole	<input type="checkbox"/>	PFC - Ipf	1.58 kA	Supply polarity confirmed	<input checked="" type="checkbox"/>	Short circuit capacity (kA)	33	
TT	<input type="checkbox"/>	3-phase (3 wire)	<input type="checkbox"/>	3-phase (4 wire)	<input type="checkbox"/>	Other	<input type="checkbox"/>	Earth loop impedance - Z _e	- Ω	Maximum demand	100 A	
IT	<input type="checkbox"/>										Rated current (A)	100

PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

Means of earthing		Details of installation earth electrode (where applicable)			
Distributor's facility	<input checked="" type="checkbox"/>	Type: eg rod, tape	N/A	Resistance to earth	N/A Ω
Earth electrode		Location	N/A	Method of measurement	N/A

Main switch / switch fuse /circuit breaker / RCD				Earthing conductor		Main protective bonding conductors		Bonding of extraneous conductive parts			
Type BS(EN)	60947-3	Voltage rating	400 V	Conductor material	Copper	Conductor material	Copper	Water	<input checked="" type="checkbox"/>	Gas	<input checked="" type="checkbox"/>
No of poles	2	Rated current - I _n	100 A	Conductor csa (mm ²)	16	Conductor csa (mm ²)	10	Oil	<input type="checkbox"/>	Structural steel	<input type="checkbox"/>
Conductor material	Copper	Fuse/device rating or setting	N/A A	Continuity check	<input checked="" type="checkbox"/>			Lightning protection	<input type="checkbox"/>	Other services	<input type="checkbox"/>
Conductor csa (mm ²)	25	RCD operating current, I _n	N/A mA								
		RCD operating time at I _n	N/A ms								

Bonding locations and measurements can be found on page ADDITIONAL BONDING INFORMATION at the end of this certificate.

BONDING OUTCOMES	Pass <input checked="" type="checkbox"/>	Not applicable N/A	No access <input type="checkbox"/>
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
Location of main switch

Db under stairs cupboard

SCHEDULES OF INSPECTION

OUTCOMES		Acceptable condition	Not applicable	N/A	Limitation	LIM	Departure from BS 7671	DEP	Note made about installation	NOTE
Item No	DESCRIPTION									OUTCOME Use codes above
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)									
1.1	Service cable									✓
1.2	Service head									✓
1.3	Earthing arrangement									✓
1.4	Meter tails									✓
1.5	Metering equipment									✓
1.6	Isolator (where present)									✓
2.0	PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY									
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)									N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)									N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY									
3.1	Presence and adequacy of earthing and protective bonding arrangements:									
3.1.1	* Distributor's earthing arrangement (542.1.2.1; 542.1.2.2)									✓
3.1.2	* Installation earth electrode (where applicable) (542.1.2.3)									N/A
3.1.3	* Earthing conductor and connections, including accessibility (542.3; 543.3.2)									✓
3.1.4	* Main protective bonding conductors and connections, including accessibility (411.3.1.2; 543.3.2; 544.1)									✓
3.1.5	* Provision of safety electrical earthing/bonding labels at all appropriate locations (514.13)									✓
3.1.6	* RCD(s) provided for fault protection (411.4.204; 411.5.3)									✓
4.0	BASIC PROTECTION									
4.1	Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:									
4.1.1	* Insulation of live parts e.g. conductors completely covered with durable insulating material (416.1)									✓
4.1.2	* Barriers or enclosures e.g. correct IP rating (416.2)									✓
5.0	ADDITIONAL PROTECTION									
5.1	Presence and effectiveness of additional protection methods:									
5.1.1	* RCD(s) not exceeding 30mA operating current (415.1; Part 7), see item 8.14 of this schedule									✓
5.1.2	* Supplementary bonding (415.2; Part 7)									N/A
6.0	OTHER METHODS OF PROTECTION									
6.1	Presence and effectiveness of methods which give both basic and fault protection:									
6.1.1	* SELV system, including the source and associated circuits (Section 414)									✓
6.1.2	* PELV system, including the source and associated circuits (Section 414)									✓
6.1.3	* Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits (Section 412)									✓
6.1.4	* Electrical separation for one piece of equipment e.g. shaver supply unit (Section 413)									✓

Item No	DESCRIPTION	OUTCOME See codes above
7.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S):	
7.1	Adequacy of access and working space for items of electrical equipment including switchgear (132.12)	✓
7.2	Components are suitable according to assembly manufacturer's instructions or literature (536.4.203)	✓
7.3	Presence of linked main switch(s) (462.1.201)	✓
7.4	Isolators, for every circuit or group of circuits and all items of equipment (462.2)	✓
7.5	Suitability of enclosure(s) for IP and fire ratings (416.2; 421.1.6; 421.1.201; 526.5)	✓
7.6	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	✓
7.7	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure (526.1)	✓
7.8	Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel (521.5)	✓
7.9	Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433, 537.3.1.1)	✓
7.10	Presence of appropriate circuit charts, warning and other notices:	
7.10.1	* Provision of circuit charts/schedules or equivalent forms of information (514.9)	✓
7.10.2	* Warning notice of method of isolation where live parts not capable of being isolated by a single device (514.11)	✓
7.10.3	* Periodic inspection and testing notice (514.12.1)	✓
7.10.4	* RCD six-monthly test notice; where required (514.12.2)	✓
7.10.5	* AFDD six-monthly test notice, where required	N/A
7.10.6	* Warning notice of non-standard (mixed) colours of conductors present (514.14)	✓
7.11	Presence of labels to indicate the purpose of switchgear and protective devices (514.1.1; 514.8)	✓
8.0	CIRCUITS	
8.1	Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation (Section 523)	✓
8.2	Cable installation methods suitable for the location(s) and external influences (Section 522)	✓
8.3	Segregation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical services (528)	CFM
8.4	Cables correctly erected and supported throughout, with protection against abrasion (Sections 521, 522)	✓
8.5	Provision of fire barriers, sealing arrangements where necessary (527.2)	✓
8.6	Non-sheathed cables enclosed throughout in conduit, ducting or trunking (521.10.1; 526.8)	✓
8.7	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (522.6.201, 522.6.202, 522.6.203, 522.6.204)	✓
8.8	Conductors correctly identified by colour, lettering or numbering (Section 514)	✓
8.9	Presence, adequacy and correct termination of protective conductors (411.3.1.1; 543.1)	✓
8.10	Cables and conductors correctly connected, enclosed and with no undue mechanical strain (Section 526)	✓
8.11	No basic insulation of a conductor outside enclosure (526.8)	✓
8.12	Single-pole devices for switching or protection in line conductors only (132.14.1; 530.3.3; 643.6)	✓
8.13	Accessories not damaged, securely fixed, correctly connected, suitable for external influences (134.1.1; 512.2; Section 526)	✓

Item No	DESCRIPTION	OUTCOME See codes above
8.14	Provision of additional protection/requirements by RCD not exceeding 30mA:	
8.14.1	* Socket-outlets rated at 32A or less, unless exempt (411.3.3)	✓
8.14.2	* Mobile equipment with a current rating not exceeding 32A for use outdoors (411.3.3)	✓
8.14.3	* Cables concealed in walls at a depth of less than 50mm (522.6.202, .203)	✓
8.14.4	* Cables concealed in walls/partitions containing metal parts regardless of depth (522.6.202; 522.6.203)	✓
8.14.5	* Final circuits supplying luminaires within domestic (household) premises (411.3.4)	✓
8.15	Presence of appropriate devices for isolation and switching correctly located including:	
8.15.1	* Means of switching off for mechanical maintenance (Section 464; 537.3.2)	✓
8.15.2	* Emergency switching (465.1; 537.3.3)	✓
8.15.3	* Functional switching, for control of parts of the installation and current-using equipment (463.1; 537.3.1)	✓
8.15.4	* Firefighter's switches (537.4)	N/A
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)	
9.1	Equipment not damaged, securely fixed and suitable for external influences (134.1.1; 416.2; 512.2)	✓
9.2	Provision of overload and/or under voltage protection e.g. for rotating machines, if required (Sections 445, 552)	✓
9.3	Installed to minimize the build up of heat and restrict the spread of fire (421.1.4; 559.4.1)	✓
9.4	Adequacy of working space. Accessibility to equipment (132.12; 513.1)	✓
10.0	LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)	
10.1	30 mA RCD protection for all LV circuits, equipment suitable for the zones, supplementary bonding (where required) etc.	✓
11.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	
	List all other special installations or locations present, if any.	
	N/A	
Comments on existing installation		
<p>Good condition throughout Water is adequately bonded with a 10mm conductor and continuity test carried out and found to be acceptable Gas is adequately bonded with a 10mm conductor and continuity test carried out and found to be acceptable</p>		
Inspected by		
Name (Capitals)	Signature	Date
Michael Hardcastle		05/01/2021

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DB-1 - Under stairs cupboard - (Lewden) (15 ways)

Applies in every case				Characteristics at this board									
DB name	DB-1	Supplied from	Origin	Supply polarity confirmed	✓								
Location	Under stairs cupboard	No of circuits	15	No of phases	1	Phase sequence confirmed	N/A						
Overcurrent protective device for the supply circuit				Measurements at this board									
BS(EN)	1361-II	Rating (A)	100	Voltage Rating (V)	400	Zs (Ω)	0.15	Ipf (kA)	1.58	IΔn (ms)	N/A	5IΔn (ms)	N/A


CIRCUIT DETAILS

Cct No	Designation	No of points	Wiring type	Ref method	Conductors			Overcurrent devices					RCD
					Live (mm ²)	cpc (mm ²)	Dis time (s)	BS(EN)	Rating (A)	Short circuit (kA)	Voltage Rating (V)	Max Zs (Ω)	
1	Cooker	1	A	C	6	2.5	0.4	61009-B	32	6	400	1.37	30
2	Ring final(ground floor sockets+boiler)	11	A	C	2.5	1.5	0.4	61009-B	32	6	400	1.37	30
3	Ring final(1st floor sockets)	9	A	C	2.5	1.5	0.4	61009-B	32	6	400	1.37	30
4	Sockets extension	3	A	100	2.5	1.5	0.4	61009-B	20	6	400	2.19	30
5	Smoke alarms	7	A	100	1.5	1	0.4	61009-B	6	6	400	7.28	30
6	Lights 1st floor	8	A	100	1.5	1	0.4	61009-B	10	6	400	4.37	30
7	Lights ground floor	9	A	100	1.5	1	0.4	61009-B	10	6	400	4.37	30
8	Spare	-	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-	-
10	Spare	-	-	-	-	-	-	-	-	-	-	-	-
11	Spare	-	-	-	-	-	-	-	-	-	-	-	-
12	Spare	-	-	-	-	-	-	-	-	-	-	-	-
13	Spare	-	-	-	-	-	-	-	-	-	-	-	-
14	SPD module	1	A	N/A	-	-	-	62305-SPD	-	-	-	-	-
15	SPD module	1	A	N/A	-	-	-	62305-SPD	-	-	-	-	-

TEST RESULTS DB-1 - Under stairs cupboard - (Lewden 15 ways)

Cct No	Designation	Ring final circuits (measured end to end)			At least one column to be completed		Insulation resistance			Polarity	Meas Zs (Ω)	Meas kA	RCD		AFDD		Circuit vulnerable to test
		(r1) (Ω)	(r2) (Ω)	(r3) (Ω)	R1+R2 (Ω)	R3 (Ω)	IR Test voltage (V)	L-L (M Ω)	L-E (M Ω)				RCD at I Δ n (ms)	RCD at S Δ n (ms)	RCD Test button	AFDD Test button	
1	Cooker	-	-	-	0.08	-	500	999	999	✓	0.23	-	28.9	29.0	✓	N/A	No
2	Ring final(ground floor sockets+boiler)	0.52	0.54	0.90	0.36	-	500	279	600	✓	0.51	-	28.8	29.2	✓	N/A	No
3	Ring final(1st floor sockets)	0.39	0.40	0.67	0.27	-	500	356	999	✓	0.42	-	29.1	29.1	✓	N/A	No
4	Sockets extension	-	-	-	0.25	-	500	999	999	✓	0.40	-	29.0	29.0	✓	N/A	No
5	Smoke alarms	-	-	-	0.61	-	500	999	999	✓	0.76	-	29.3	29.3	✓	N/A	Yes
6	Lights 1st floor	-	-	-	0.98	-	500	500	500	✓	1.13	-	28.8	28.9	✓	N/A	No
7	Lights ground floor	-	-	-	0.87	-	500	500	500	✓	1.02	-	28.8	-	✓	N/A	No
8	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	SPD module	-	-	-	-	-	500	-	-	✓	-	-	-	-	✓	N/A	No
15	SPD module	-	-	-	-	-	500	-	-	✓	-	-	-	-	✓	N/A	No

ENGINEER AND TEST INSTRUMENTS

Multifunction	Continuity	Insulation resistance	EFLI Tester	RCD tester
01623266	-	-	-	-
Tested by (Capitals)	Signature		Date	
Michael Hardcastle			05/01/2021	

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ADDITIONAL BONDING INFORMATION

Water bond additional details

Water bond size

 mm²

Water bond measurement

 Ω

Water bond location

Additional notes

Gas bond additional details

Gas bond size

 mm²

Gas bond measurement

 Ω

Gas bond location

Additional notes

Oil bond additional details

Oil bond size

 mm²

Oil bond measurement

 Ω

Oil bond location

Additional notes

Structural steel bond additional details

Steel bond size

 mm²

Steel bond measurement

 Ω

Steel bond location

Additional notes

Lightning conductor bond additional details

Lightning conductor size

 mm²

Lightning conductor measurement

 Ω

Lightning conductor location(s)

Additional notes

Other bond additional details

Other bonding conductor size

 mm²

Bonding conductor measurement

 Ω

Other bonding conductor location(s)

Additional notes

ELECTRICAL INSTALLATION CERTIFICATE GUIDANCE FOR RECIPIENTS

This CERTIFICATE is an important and valuable document which should be retained for future reference.

- 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 British Standard 7671 (the IET Wiring Regulations).
- You should have received a Certificate without watermarks and the company should have retained a duplicate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the owner.
- This Certificate should be retained in a safe place and be 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 owner that the electrical installation complied with the requirements of British Standard 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 documentation.
- For safety reasons, the electrical installation will need to be 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 on Page 1 under "NEXT INSPECTION".
- This Certificate is intended to be issued only for a new electrical installation or for new work associated with an alteration or an addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An "Electrical Installation Condition Report (EICR)" should have been issued for such an inspection.
- This Certificate is only valid if accompanied by the Schedule of Inspections and the Schedule(s) of Test Results.

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other)
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	Thermoplastic / SWA cables	Thermosetting / SWA cables	MICC cables	Other cable types not listed here
FP	TR	HT	SY	YY	CY	VIR		
FP 200 - standard fire resistant cable	Tri-rated - BS 6231 high temperature - flame retardant cable	Hi Tuff - waterproof with a tough PVC sheathing for outdoor use	SY cable - flexible instrumentation cable with a galvanised steel wire braid	YY cable - flexible instrumentation cable with a galvanised steel wire braid	CY cable - flexible instrumentation cable with a galvanised steel wire braid and a PETP separator	VIR - Vulcanised Indian Rubber cable - no longer manufactured		

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