CERTIFICATE

mad about electrics

NICEIC APPROVED CONTRACTOR

ELECTRICAL INSTALLATION CERTIFICATE

CERTIFICATE No: EICS-20220107094036

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

5 Jupiter House, Olympian Court
York
YO10 3UA

The following work was carried out at the address above

Electrical improvement works carried following recent EICR undertaken, Cert No. 20220106084340. There are no improvement/remedial works required to bring the installation up to a satisfactory standard. We would recommend a repeat EICR inspection in 5 years and a visual inspection every 12 months or change of occupancy

This Certificate deems the installation to be in the following condition:

SATISFACTORY

Company issuing this Certificate

Mad About Electrics
Unit 2 Pyramid Court, Rosetta Way
York
YO26 5NB
01904787983
info@madaboutelectrics.com
CPS Enrolment No: 50 1089 000

Issued on

07/01/2022

Inspected by	Reviewed by
Luke Livingstone	Zac Loveley

Recommended re-test

5 Years from date of issue

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CERTIFICATE NO: EICS-20220107094036

ELECTRICAL INSTALLATION CERTIFICATE (SHORT)

Requirements for electrical installations (BS 7671 IET Wiring Regulations)

DETAILS OF THE CLIENT

David Blackwell
254 Tadcaster Road
York
North Yorkshire
YO24 1ES

: -
: -
: David_blackwell@hotmail.com
: David Blackwell

DETAILS OF THE INSTALLATION

-
5 Jupiter House, Olympian Court
York
-
YO10 3UA

: -
: -
: -
: -

EXTENT OF INSTALLATION COVERED BY THIS CERTIFICATE

Extent of the electrical installation covered by this certificate

Electrical improvement works carried following recent EICR undertaken, Cert No. 20220106084340. There are no improvement/remedial works required to bring the installation up to a satisfactory standard. We would recommend a repeat EICR inspection in 5 years and a visual inspection every 12 months or change of occupancy

Description of premises

- [x] Domestic
- [ ] Commercial
- [ ] Industrial
- [ ] Other

-

Installation is

- [ ] New
- [ ] An addition
- [ ] An alteration

DETAILS OF DEPARTURES AND PERMITTED EXCEPTIONS

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

N/A

FOR DESIGN, CONSTRUCTION AND INSPECTION AND TESTING

Mad About Electrics
Unit 2 Pyramid Court, Rosetta Way
York
-
YO26 5NB

: 01904787983
: -
: info@madaboutelectrics.com
: www.madaboutelectrics.com
Registration no: 50 1089 000

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 as amended except for the departures, if any, detailed as follows.

Inspected and tested by

Name	Signature
Luke Livingstone	

Position	Date
Electrician	07/01/2022

Certificate authorised by

Name	Signature
Zac Loveley	

Position	Date
Electrician	07/01/2022

NEXT INSPECTION

I, recommend that this installation is further inspected and tested in: 5 Years

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SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements

TN-S	☐
TN-C-S	✓
TN-C	☐
TT	☐
IT	☐

Number and type of live conductors

AC	✓			DC	☐
1-phase (2 wire)	✓	1-phase (3 wire)	☐	2 pole	☐
2-phase (3 wire)	☐			3 pole	☐
3-phase (3 wire)	☐	3-phase (4 wire)	☐	Other	☐

Nature of supply parameters

Nominal voltage - U	N/A V	Uo	230 V
Nominal frequency - f	50 Hz	No of supplies	1
PFC - Ipf	1.67 kA	Supply polarity confirmed	✓
Earth loop impedance - Ze	0.41 Ω	Maximum demand	55 A

Supply Protective Device

BS(EN)	LIM
Type	-
Short circuit capacity (kA)	LIM
Rated current (A)	LIM

PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

Means of earthing

Distributor's facility	✓
Earth electrode	

Details of installation earth electrode (where applicable)

Type: eg rod, tape	N/A	Resistance to earth	N/A Ω
Location	N/A	Method of measurement	N/A

Main switch / switch fuse /circuit breaker / RCD

Type BS(EN)	60947-3	Voltage rating	230 V
No of poles	2	Rated current - In	100 A
Conductor material	Copper	Fuse/device rating or setting	N/A A
Conductor csa ($mm^{2)}$	16	RCD operating current, In	N/A mA
		RCD operating time at In	N/A ms

Earthing conductor

Conductor material	Copper
Conductor csa ($mm^{2)}$	10
Continuity check	✓

Main protective bonding conductors

Conductor material	Copper
Conductor csa ($mm^{2)}$	10

Bonding of extraneous conductive parts

Water	✓	Gas	✓
Oil	N/A	Structural steel	N/A
Lightning protection	N/A	Other services	N/A

BONDING OUTCOMES	Pass ✓	Not applicable N/A	No access 🔒

Location of main switch

Meter Cupboard

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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)	N/A
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)	N/A
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)	✓
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)	N/A
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

-

Inspected by

Name (Capitals)	Signature	Date
Luke Livingstone		07/01/2022

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EICS-20220107094036

DB-1 - Entrance Cupboard - (Lewden) (10 ways)

Applies in every case				Characteristics at this board	
DB name	DB-1	Supplied from	Origin	Supply polarity confirmed	✓
Location	Entrance Cupboard	No of circuits	10	Phase sequence confirmed	N/A
		No of phases	1		

Overcurrent protective device for the supply circuit

BS(EN)	Rating (A)	Voltage Rating (V)
LIM	LIM	230

Measurements at this board

Zs (Ω)	Ipf (kA)	IΔn (ms)	5IΔn (ms)
0.14	1.67	N/A	N/A

CIRCUIT DETAILS

					Conductors			Overcurrent devices					RCD
Cct No	Designation	No of points	Wiring type	Ref method	Live (mm^2)	cpc (mm^2)	Dis time (s)	BS(EN)	Rating (A)	Short circuit (kA)	Voltage Rating (V)	Max Zs (Ω)	IΔn (mA)
1	Cooker	2	A	C	6	2.5	0.4	61009-B	32	6	230	1.37	30
2	Sockets	11	A	C	2.5	1.5	0.4	61009-B	32	6	230	1.37	30
3	Sockets	7	A	C	2.5	1.5	0.4	61009-B	32	6	230	1.37	30
4	Smokes	2	A	C	1	1	0.4	61009-B	6	6	230	7.28	30
5	Lights	7	A	C	1	1	0.4	61009-B	6	6	230	7.28	30
6	Lights	8	A	C	1	1	0.4	61009-B	6	6	230	7.28	30
7	Spare	-	-	-	-	-	-	-	-	-	-	-	-
8	Spare	-	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-	-
10	Spare	-	-	-	-	-	-	-	-	-	-	-	-

EICS-20220107094036

TEST RESULTS DB-1 - Entrance Cupboard - (Lewden 10 ways)

		Ring final circuits (measured end to end)			At least one column to be completed		Insulation resistance						RCD			AFDD	
Cct No	Designation	(r1) (Ω)	(rn) (Ω)	(r2) (Ω)	R1+R2 (Ω)	R2 (Ω)	IR Test voltage (V)	L-L (MΩ)	L-E (MΩ)	Polarity	Meas Zs (Ω)	Meas kA	RCD at IΔn (ms)	RCD at 5IΔn (ms)	RCD Test button	AFDD Test button	Circuit vulnerable to test
1	Cooker	-	-	-	0.11	-	500	>999	>999	✓	0.27	-	29.0	28.9	✓	N/A	No
2	Sockets	0.41	0.42	0.71	0.29	-	500	>999	>999	✓	0.51	-	28.8	28.9	✓	N/A	No
3	Sockets	0.29	0.29	0.56	0.22	-	500	>999	>999	✓	0.49	-	29.1	28.7	✓	N/A	No
4	Smokes	-	-	-	0.37	-	500	>999	>999	✓	0.52	-	28.9	28.9	✓	N/A	No
5	Lights	-	-	-	1.35	-	500	>999	>999	✓	1.49	-	29.0	29.0	✓	N/A	No
6	Lights	-	-	-	0.99	-	500	>999	>999	✓	1.12	-	28.8	28.9	✓	N/A	No
7	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ENGINEER AND TEST INSTRUMENTS

Multifunction	Continuity	Insulation resistance	EFLI Tester	RCD tester
101309512	-	-	-	-

Tested by (Capitals)	Signature	Date
Luke Livingstone		07/01/2022

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 7671:2018 as amended (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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