



ELECTRICAL INSTALLATION CERTIFICATE
CERTIFICATE No: EICS-20230304101828

This is to certify that the electrical installation at the following address complies with the requirements of BS7671:2018+A2:2022 (18th Edition)

30-46 Monxton Place
Hook
Hampshire
RG27 0FB

The following work was carried out at the address above

Replacement of existing consumer unit.

Company issuing this Certificate

G B Electrical Services
14 Cranes Road, Sherborne St John
Basingstoke
Hampshire
RG24 9HY
07767480347
garybasley@yahoo.com
CPS Enrolment No: 60650
Issued on
06/03/2023

Inspected by
Gary Basley

G Basley

Reviewed by
Gary Basley

G Basley

Recommended re-test

03/03/2028

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DETAILS OF THE CLIENT		DETAILS OF THE INSTALLATION	
Monxton Place Residents Association 30-46 Monxton Place Hook Hampshire RG27 OFB	☎: - 📠: - ✉: - 👤: Monxton Place Residents Association	Monxton Place Residents Association 30-46 Monxton Place Hook Hampshire RG27 OFB	☎: - 📠: - ✉: - 👤: -

EXTENT OF INSTALLATION COVERED BY THIS CERTIFICATE

Extent of the electrical installation covered by this certificate	Description of premises	Installation is
Replacement of existing consumer unit.	<input checked="" type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Other <input type="text" value="-"/>	<input type="checkbox"/> New <input type="checkbox"/> An addition <input checked="" type="checkbox"/> An alteration

DETAILS OF DEPARTURES AND PERMITTED EXCEPTIONS

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

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

FOR DESIGN, CONSTRUCTION AND INSPECTION AND TESTING

G B Electrical Services 14 Cranes Road, Sherborne St John Basingstoke Hampshire RG249HY	☎: 07767480347 📠: 07767480347 ✉: garybasley@yahoo.com 📧: - Registration no: 60650	 
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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 BS7671:2018+A2:2022 (18th Edition) as amended except for the departures, if any, detailed as follows.

Inspected and tested by		Certificate authorised by	
Name	Signature	Name	Signature
Gary Basley	<i>G Basley</i>	Gary Basley	<i>G Basley</i>
Position	Date	Position	Date
Approved Electrician	03/03/2023	Approved Electrician	06/03/2023

NEXT INSPECTION

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

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements		Number and type of live conductors			Nature of supply parameters				Supply Protective Device		
TN-S	<input type="checkbox"/>	AC	<input checked="" type="checkbox"/>	DC	<input type="checkbox"/>	Nominal voltage - U	N/A V	U _o	230 V	BS(EN)	LIM
TN-C-S	<input checked="" type="checkbox"/>	1-phase (2 wire)	<input 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 checked="" type="checkbox"/>	3 pole	<input type="checkbox"/>	PFC - I _{pf}	1.30 kA	Supply polarity confirmed	<input checked="" type="checkbox"/>	Short circuit capacity (kA)	LIM
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	0.18 Ω	Maximum demand	29.0 A
IT	<input type="checkbox"/>									Rated current (A)	LIM

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	230 V	Conductor material	Copper	Conductor material	N/A	Water	-	Gas	-
No of poles	2	Rated current - I _n	100 A	Conductor csa (mm ²)	16	Conductor csa (mm ²)	-	Oil	-	Structural steel	-
Conductor material	Copper	Fuse/device rating or setting	N/A A	Continuity check	<input checked="" type="checkbox"/>			Lightning protection	-	Other services	-
Conductor csa (mm ²)	25	RCD operating current, I _n	N/A mA								
RCD time delay (ms)	-	RCD operating time at IΔn	N/A ms								
						BONDING OUTCOMES Pass <input checked="" type="checkbox"/> Not applicable N/A No access <input type="checkbox"/>					

Location of main switch

Within consumer unit.

SCHEDULE OF INSPECTIONS

Item No.	Description	Outcome	Item No.	Description	Outcome
1.0	Condition of consumer's intake equipment (Visual inspection only)	<input checked="" type="checkbox"/>	8.0	Circuits (Distribution and final)	<input checked="" type="checkbox"/>
2.0	Parallel or switched alternative sources of supply	N/A	9.0	Isolation and switching	<input checked="" type="checkbox"/>
3.0	Protective measure: Automatic disconnection of supply	<input checked="" type="checkbox"/>	10.0	Current using equipment (permanently connected)	<input checked="" type="checkbox"/>
4.0	Basic protection	<input checked="" type="checkbox"/>	11.0	Identification and notices	<input checked="" type="checkbox"/>
5.0	Protective measures other than ADS	N/A	12.0	Location(s) containing a bath or shower	N/A
6.0	Additional protection	<input checked="" type="checkbox"/>	13.0	Other special installations or locations	N/A
7.0	Distribution equipment	<input checked="" type="checkbox"/>	14.0	Prosumer's low voltage electrical installation(s)	N/A

DB-1 - Electrical Cupboard - () (9 ways)

Applies in every case				Characteristics at this board			
DB name	DB-1	Supplied from	Origin	Supply polarity confirmed		<input checked="" type="checkbox"/>	
Location	Electrical Cupboard	No of circuits	9	No of phases	1	Phase sequence confirmed	
SPD Details		Type T1	Type T2	<input checked="" type="checkbox"/>	Type T3	SPD Operation status confirmed	
Overcurrent protective device for the supply circuit				Measurements at this board			
BS(EN)	LIM	Rating (A)	LIM	Voltage Rating (V)	-	Zs (Ω)	0.18
						Ipf (kA)	1.30
						I Δ n (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)	RCD type	I Δ n (mA)
1	SPD	1	A	C	6	6	0.4	60898-B	32	6	230	1.10	-	-
2	Power	6	A	C	2.5	1.5	0.4	61009-B	16	6	230	2.2	A	30
3	Bin/Bike Store Lighting	2	F	D	1.5	1.5	0.4	61009-B	6	6	230	5.87	A	30
4	Electrical Cupboard Light	1	A	C	1	1	0.4	61009-B	6	6	230	5.87	A	30
5	Outside Lights	2	A	C	1	1	0.4	61009-B	6	6	230	5.87	A	30
6	Stairwell Lights	20	A	C	1	1	0.4	61009-B	6	6	230	5.87	A	30
7	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-

TEST RESULTS DB-1 - Electrical Cupboard - (9 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)	(rn) (Ω)	(r2) (Ω)	R1+R2 (Ω)	R2 (Ω)	IR Test voltage (V)	L-L (M Ω)	L-E (M Ω)				RCD at I Δ n (ms)	RCD Test button	AFDD Test button	
1	SPD	-	-	-	0.01	-	500	299	299	✓	0.18	1.30	N/A	✓	N/A	Yes
2	Power	-	-	-	0.46	-	500	299	299	✓	0.63	0.35	48.1	✓	N/A	No
3	Bin/Bike Store Lighting	-	-	-	1.29	-	500	299	299	✓	1.46	0.16	30.5	✓	N/A	Yes
4	Electrical Cupboard Light	-	-	-	0.20	-	500	299	299	✓	0.37	0.62	50.5	✓	N/A	Yes
5	Outside Lights	-	-	-	1.00	-	500	299	299	✓	1.16	0.21	29.0	✓	N/A	Yes
6	Stairwell Lights	-	-	-	2.20	-	500	299	299	✓	2.37	0.099	33	✓	N/A	Yes
7	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ENGINEER AND TEST INSTRUMENTS

Multifunction

080308/1849

Continuity

-

Insulation resistance

-

EFLI Tester

-

RCD tester

-

Tested by (Capitals)

Gary Basley

Signature

G Basley

Date

03/03/2023

Certificate produced by electroform based on the MODEL FORM from BS7671:2018+A2:2022 (18th Edition)

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 BS 7671.
- 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 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 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 and testing 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 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 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, manufacturers 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 manufacturers information. If the indication shows the device is not operational, seek expert advice. **For safety reasons it is important 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.

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	CY cable - flexible instrumentation cable with a tinned copper wire braid and a PETP separator	VIR - Vulcanised Indian Rubber cable - no longer manufactured		

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