NICEIC APPROVED CONTRACTOR

ELECTRICAL INSTALLATION CERTIFICATE

Requirements For Electrical Installations - BS 7671

Certificate Number:	850 PLOT 580 WEAVERS FIELD

1 DETAILS OF THE CLIENT

Client:	Bellway Homes Northern Home Counties
Address:	St Andrews House, Caldecotte Lake Drive, Caldecotte, Milton Keynes, MK7 8LE

2 DETAILS AND EXTENT OF THE INSTALLATION

Installation Address:	PLOT 580 WEAVERS FIELDS, 61 HAREBELL CRESCENT, DESBOROUGH, NN14 2ZB
Extent of the installation covered by this certificate:	WHOLE INSTALLATION COMPRISING OF 1 HOB, 1 COOKER, 2 SKTS, 2 LIGHTS, 1 SMOKE/HEAT + MULTI SENSOR DETECTOR,1 CENTRAL HEATING, 1 EV SUPPLY, 1 SOLAR SUPPLY CIRCUITS

The installation is:	New installation	✔	Addition to an existing installation	N/A	Alteration to an existing installation	N/A

3 COMMENTS ON EXISTING INSTALLATION

Comments on existing installation (In the case of an addition or alteration see Regulation 644.1.2):

PLASTIC PIPE WORK WITH COPPER STUBS

SOLAR = THIS IS WIRE ONLY, SOLAR COMPANY TO CONNECT AND TEST CIRCUIT

EV CHARGER TESTED & COMMISSIONED (IF APPLICABLE)

RCBOS = BIDIRECTIONAL (IF APPLICABLE)

4 NEXT INSPECTION

I RECOMMEND that this installation is further inspected and tested after an interval of not more than: 10 Years

5 DESIGN, CONSTRUCTION, INSPECTION AND TESTING

I/We being the person(s) responsible for the design, construction, 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, inspection and testing, hereby CERTIFY that the design work for which I/we have been reponsible is to the best of my/our knowledge and belief in accordance with BS 7671:2018, amended to 2024 except for the departures, if any, detailed as follows.

Details of departures from BS 7671, as amended (Regulations 120.3, 133.5):

None

Details of permitted exceptions (Regulations 411.3.3): Risk assessment attached: N/A

None

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.

For the DESIGN, the CONSTRUCTION, and the INSPECTION AND TESTING of the installation:

Name:	J PRICE	Position:	Electrician	Signature:		Date:	17/06/2026

Report reviewed and confirmed by:

Name:	G MALIN	Position:	Manager	Signature:		Date:	17/06/2026

6 DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title:	N.M.E SERVICES		
Address:	30 CHARTERGATE MOULTON PARK NORTHAMPTON NN3 6QB	Registration Number (if applicable):	027878
		Telephone Number:	01604 790254

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7 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements

TN-S:	N/A
TN-C-S:	✔
TT:	N/A

Number and Type of Live Conductors

1-phase (2-wire):	✔	2-phase (3-wire):	N/A
3-phase (3-wire):	N/A	3-phase (4-wire):	N/A
Other:	N/A		
Confirmation of supply polarity:	✔		

Nature of Supply Parameters

Nominal voltage, U/Uo:	230 V
Nominal frequency, f:	50 Hz
Prospective fault current, Ipf:	1.21 kA
External earth fault loop impedance, Ze:	0.19 Ω

Supply Protective Device

BS (EN):	88-3
Type:	2
Rated current:	100 A

8 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing

Distributor's facility:	✔
Installation earth electrode:	N/A

Details of Installation Earth Electrode (where applicable)

Type:	N/A	Location:	N/A
Resistance to Earth:	N/A Ω	Method of measurement:	N/A

Maximum Demand (Load): 75 Amps

Main Switch / Switch-Fuse / Circuit-Breaker / RCD

Location:	UNDER STAIRS	BS (EN):	60947-3 Isolator	Number of poles:	2
Current rating:	100 A	Fuse/device rating or setting:	N/A A	Voltage rating:	230 V

If RCD main switch:

RCD Type:	N/A	Rated residual operating current ($I_{\Delta n}$):	N/A mA	Rated time delay:	N/A ms	Measured operating time:	N/A ms

Earthing and Protective Bonding Conductors

Earthing conductor

Conductor material:	Copper	csa:	16.0 mm2	Connection/ continuity verified:	✔

Main protective bonding conductors

Conductor material:	N/A	csa:	N/A mm2	Connection/ continuity verified:	N/A

Bonding of extraneous-conductive parts

To water installation pipes:	N/A	To gas installation pipes:	N/A
To oil installation pipes:	N/A	To lightning protection:	N/A
To structural steel:	N/A	To other service(s):	N/A

9 SCHEDULE OF INSPECTIONS

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

All boxes must be completed. 'Pass' indicates that an inspection or test was carried out and that the result was satisfactory. 'Fail' indicates than an inspection or test was carried out and the result is not satisfactory. 'N/A' indicates that an inspection or test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out.

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DISTRIBUTION BOARD DETAILS

DB reference: **PLOT 580** | Location: UNDER STAIRS | Supplied from: Origin

Distribution circuit OCPD: BS (EN): 88-3 | Type: N/A | Rating/Setting: 100 A | No of phases: 1

SPD Details: Types: T1 N/A | T2 ✔ | T3 N/A | N/A N/A | Status indicator checked (where functionality indicator present) ✔

Confirmation of supply polarity ✔ | Confirmation of phase sequence N/A | Zs at DB: 0.21 Ω | Ipf at DB: 1.09 kA

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

CIRCUIT DETAILS																TEST RESULT DETAILS												
		Conductor details						Overcurrent protective device					RCD				Continuity (Ω)					Insulation resistance				Zs	RCD		AFDD
					Number and size												Ring final circuit			R1+R2 or R2									
Circuit number	Circuit description	Type of wiring	Reference method	Number of points served	Live (mm^2)	cpc (mm^2)	Max disconnect time permitted by BS7671 (s)	BS (EN)	Type	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Type	Rated operating current (mA)	Rating (A)	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	Test voltage (V)	Live - Live (MΩ)	Live - Earth (MΩ)	Polarity (✓)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (✓)	Manual test button operation (✓)
	SUBMAINS	A	B	1	25	16	5	88-3	N/A	100	80	0.38	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.02	N/A	500	>200	> 200	✔	0.12	N/A	N/A	N/A
	MAINS SWITCH	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	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	N/A	N/A
	SPD	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	SOLAR	A	101	1	6.0	2.5	0.4	61009	B	16	6	2.73	61009	A	30	N/A	N/A	N/A	N/A	0.09	N/A	500	>200	> 200	✔	0.30	23	✔	N/A
	RCD A Module	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	61008	A	30	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	N/A	✔	N/A
1	HOB	A	B	1	6.0	2.5	0.4	60898	B	32	6	1.37	61008	A	30	80	N/A	N/A	N/A	0.10	N/A	500	>200	> 200	✔	0.31	16	✔	N/A
2	SKTS - KITCHEN + ABOVE	A	B	12	2.5	1.5	0.4	60898	B	32	6	1.37	61008	A	30	80	0.37	0.37	0.61	0.24	N/A	500	>200	>200	✔	0.45	16	✔	N/A
3	LIGHTS - GROUND	A	B	17	1.0	1.0	0.4	60898	B	6	6	7.28	61008	A	30	80	N/A	N/A	N/A	2.36	N/A	500	>200	> 200	✔	2.57	16	✔	N/A
4	CENTRAL HEATING	A	B	1	1.0	1.0	0.4	60898	B	6	6	7.28	61008	A	30	80	N/A	N/A	N/A	0.53	N/A	500	>200	> 200	✔	0.74	16	✔	N/A
5	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	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
6	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	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

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

DETAILS OF TEST INSTRUMENTS

Details of test instruments used (serial and/or asset numbers):

Multi-functional: A112074 | Insulation resistance: N/A | Continuity: N/A

Earth electrode resistance: N/A | Earth fault loop impedance: N/A | RCD: N/A

TESTED BY

Name: J PRICE | Position: Electrician | Signature:  | Date: 17/06/2026

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

DB reference: **PLOT 580** Location: UNDER STAIRS Supplied from: Origin

CIRCUIT DETAILS																TEST RESULT DETAILS													
		Conductor details					Max disconnect time permitted by BS7671 (s)	Overcurrent protective device					RCD									Insulation resistance				Zs	RCD		AFDD
					Number and size											Continuity (Ω)													
																Ring final circuit			R1+R2 or R2									
Circuit number	Circuit description	Type of wiring	Reference method	Number of points served	Live (mm^2)	cpc (mm^2)		BS (EN)	Type	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Type	Rated operating current (mA)	Rating (A)	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	Test voltage (V)	Live - Live (MΩ)	Live - Earth (MΩ)	Polarity (✓)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (✓)	Manual test button operation (✓)
	RCD Module B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	61008	A	30	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✔	N/A	15	✔	N/A
1	EV CHARGER	A	B	1	6.0	2.5	0.4	60898	B	32	6	1.37	61008	A	30	80	N/A	N/A	N/A	0.06	N/A	500	>200	>200	✔	0.27	15	✔	N/A
2	COOKER	A	B	1	6.0	2.5	0.4	60898	B	32	6	1.37	61008	A	30	80	N/A	N/A	N/A	0.10	N/A	500	>200	> 200	✔	0.31	15	✔	N/A
3	SKTS - LOUNGE + ABOVE	A	B	12	2.5	1.5	0.4	60898	B	32	6	1.37	61008	A	30	80	0.38	0.39	0.63	0.25	N/A	500	>200	>200	✔	0.46	15	✔	N/A
4	LIGHTS - UPSTAIRS	A	101	14	1.0	1.0	0.4	60898	B	6	6	7.28	61008	A	30	80	N/A	N/A	N/A	0.90	N/A	500	>200	> 200	✔	1.11	15	✔	N/A
5	SMOKE/HEAT + MULTI SENSOR DETECTORS	A	101	5	1.0	1.0	0.4	60898	B	6	6	7.28	61008	A	30	80	N/A	N/A	N/A	0.85	N/A	500	>200	> 200	✔	1.06	15	✔	N/A
6	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	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
7	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	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

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 nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

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