APPROVED CONTRACTOR

This safety certificate is an important and valuable document which should be retained for future reference

This certificate is not valid if the serial number has been defaced or altered DCN7C/ 01091176

DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations* by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX

Original (To the person ordering the work)

CRN/ Contractor's Reference Number

DETAILS OF THE CLIENT

Client and address [redacted]

ADDRESS OF THE INSTALLATION

Installation address flat 11
267 Eversholt Street
London
London

Postcode NW1 1BA

DETAILS OF THE INSTALLATION

Extent of the installation work covered by this certificate: roof conversation studio flat with an open space kitchen and living facility and self contained shower unit,

The installation is
New ✓
An addition --
An alteration --

DESIGN, CONSTRUCTION, INSPECTION AND TESTING

I, being the person(s) responsible for the design, construction, inspection and testing of the electrical installation (as indicated by my signature adjacent), 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 said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671, 2008 amended to 2015 (date) except for the departures, if any, detailed as follows:

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

The extent of liability of the signatory 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

Signature [redacted] Name (CAPITALS) OZKAN KUH Date 12/06/2016

The results of the inspection and testing reviewed by the Qualified Supervisor

Signature [redacted] Name (CAPITALS) OZKAN KUH Date 12/06/2016

PARTICULARS OF THE APPROVED CONTRACTOR

Trading title: Icon Design & Maintenance Ltd

Address: Monomark House
27 Old Gloucester Street

Telephone No 07455422266 Postcode WC1N 3AX

NICEIC Enrolment No (Essential information) 6 0 6 3 7 0 Branch No (If applicable) 0 0 0

NEXT INSPECTION

§ *Enter interval in terms of years, months or weeks, as appropriate*

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

COMMENTS ON EXISTING INSTALLATION

Note: Enter 'NONE' or, where appropriate, the page number(s) of additional page(s) of comments on the existing installation

very good

In the case of an alteration or additions see Section 633 of BS 7671

SCHEDULE OF ADDITIONAL RECORDS*

See attached schedule

** Where the electrical work to which this certificate relates includes the installation of a fire detection/alarm system (or a part of such a system), this electrical safety certificate should be accompanied by the particular certificate for the system.*

This certificate is based on the model forms shown in Appendix 6 of BS 7671.

Please see the 'Notes for Recipients' on the reverse of this page.

NICEIC APPROVED CONTRACTOR

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SUPPLY CHARACTERISTICS

Tick boxes and enter details, as appropriate

Nature of supply parameters *Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one supply, record the higher or highest values*

System type(s)		Number and type of live conductors			
TN-S	✓	1-phase (2-wire)	✓	1-phase (3-wire)	N/A
TN-C-S	N/A	3-phase (3-wire)	N/A	3-phase (4-wire)	N/A
TT	N/A	Other	Please state		

Number of sources	1	Nominal voltage(s) $U^{(1)}$	400	V	Nominal frequency, $f^{(1)}$	50	Hz
		U_o (1)	230	V	External earth fault loop impedance, Z_e (1)	0.15	Ω
Single-phase	Prospective fault current, I_{pf} (2)(3)	1.5	kA	**3-phase**	Prospective fault current, I_{pf} (2)(3)	3	kA

Characteristics of primary supply overcurrent protective device(s)

BS(EN)	1361	Short-circuit capacity	80	kA	
Type	2	Confirmation of supply polarity	✓	✓	
Rated current	60	A			

PARTICULARS OF INSTALLATION AT THE ORIGIN

Tick boxes and enter details, as appropriate

Means of earthing		Details of installation earth electrode (where applicable)					
Distributor's facility	✓	Type (eg rod(s), tape etc)	N/A		Location	N/A	
Installation earth electrode	N/A	Electrode resistance, R_A	N/A	Ω	Method of measurement	Method 2: Zs Loop	

Measured Z_s	0.18	Ω			
Protective measure(s) for fault protection	Maximum demand (Load)	47	Amps *Delete as appropriate*		
ADS	Number of smoke alarms	1	‡		

Earthing conductor

Conductor material	copper				
Conductor csa	16	mm²	Continuity/ connection verified	✓	✓

Main protective bonding conductors and bonding of extraneous-conductive-parts (✓)

Continuity/ connection verified	✓	✓	Conductor material	copper	Conductor csa	16	mm²
Location (where not obvious)	immersion heater cabinet						

Water installation pipes	✓	Structural steel	N/A		
Oil installation pipes	N/A	Other			
Gas installation pipes	N/A				

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

Type BS(EN)	60947-3	Voltage rating	230	V	
No of poles	2	Rated current, I_n	100	A	
Supply conductors material	copper	RCD operating current, $I_{\Delta n}$	N/A	mA	
Supply conductors csa	16	mm²	RCD operating time (at $I_{\Delta n}$) *	N/A	ms
			Rated time delay*	N/A	ms

** applicable only where an RCD is used as a main circuit-breaker*

SCHEDULE OF ITEMS INSPECTED

† See note below

1.0 CONDITION/ADEQUACY OF DISTRIBUTOR'S/SUPPLY INTAKE EQUIPMENT (the Distributor should be notified of any unsatisfactory equipment)

1.1	Service cable	✓
1.2	Service head	✓
1.3	Distributor's earthing arrangement	✓
1.4	Meter tails - Distributor/Consumer	✓
1.5	Metering equipment	✓
1.6	Means of main isolation (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	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A
2.3	Presence of alternative/additional supply warning notice(s)	N/A

3.0 AUTOMATIC DISCONNECTION OF SUPPLY

3.1	Presence and adequacy of protective earthing/ bonding arrangements as follows:	
	a) Distributor's earthing arrangement or installation earth electrode arrangement	✓
	b) Earthing conductor and connections	✓
	c) Main protective bonding conductors and connections	✓
	d) Earthing/bonding labels at all appropriate locations	✓
3.2	Accessibility of:	
	a) Earthing conductor connections	✓
	b) All protective bonding connections	✓

4.0 BASIC PROTECTION

4.1	Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:	
	a) Insulation of live parts e.g. conductors completely covered with durable insulating materials	✓
	b) Barriers or enclosures e.g. correct IP rating	✓

5.0 ADDITIONAL PROTECTION

5.1	Presence and effectiveness of additional protection methods	
	a) RCD(s) not exceeding 30 mA operating current	✓
	b) Supplementary bonding	N/A

6.0 OTHER METHODS OF PROTECTION

			LOCATION
6.1	Basic and fault protection		
	a) SELV	N/A	
	b) PELV	N/A	
	c) Double insulation/Reinforced insulation	N/A	
	d) Electrical separation for one item of equipment	N/A	

† ***All boxes must be completed.*** *'✓' indicates that an inspection was carried out and that the result was* ***satisfactory****. 'N/A' indicates that an inspection was* ***not applicable*** *to the particular installation.*

‡ *Where a smoke alarm has been installed, separate certification is required on the appropriate form.*

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CIRCUIT DETAILS

TEST RESULTS

Circuit number	Circuit designation * To be completed only where this consumer unit is remote from the origin of the installation. Record details of the circuit supplying this consumer unit in the bold box.	Type of wiring (see code)	Reference method (see Table 4A2 of BS 7671)	Number of points served	Circuit conductors: csa Live (mm²)	cpc (mm²)	Max. disconnection time permitted by 411.3.2/411.3.3 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	RCD (Short-circuit capacity) (kA)	RCD (Operating current) $I_{\Delta n}$ (mA)	Maximum Z_s permitted by 411.3.2/411.3.3 (Ω)	Circuit impedances (Ω) Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (At least one column to be completed) $(R_1 + R_2)$	R_2	Insulation resistance Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)	Polarity (✓)	Maximum measured earth fault loop impedance, Z_s (Ω)	RCD operating times at $I_{\Delta n}$ (ms)	RCD operating times at 5 $I_{\Delta n}$ (if applicable) (ms)	RCD Test button operation (✓)
*																												
1	Shower	A	C	1	10	4	0.4	61009	B	32	10	30	1.10	N/A	N/A	N/A	0.06	N/A	N/A	500	500	500	✓	0.21	28.1	28.7	✓
2	Cooker	A	C	1	6	2.5	0.4	61009	B	32	10	30	1.10	N/A	N/A	N/A	0.27	N/A	N/A	500	500	500	✓	0.26	28.7	18.5	✓
3	Sockets	A	C	9	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.31	0.29	0.51	0.80	N/A	N/A	500	500	500	✓	0.32	16.2	18.7	✓
4	ROOM HEATER	A	C	1	2.5	1.5	0.4	61009	B	20	10	30	2.18	N/A	N/A	N/A	0.15	N/A	N/A	500	500	500	✓	0.35	18.9	18.9	✓
5	Immersion heater	A	C	1	2.5	1.5	0.4	61009	B	20	10	30	2.18	N/A	N/A	N/A	0.06	N/A	N/A	500	500	500	✓	0.38	18.7	19.1	✓
6	THOWEL RAIL	A	C	1	1.5	1	0.4	61009	B	6	10	30	5.82	N/A	N/A	N/A	0.56	N/A	N/A	500	500	500	✓	0.81	18.9	18.9	✓
7	Lights general	A	C	12	1.5	1	0.4	61009	B	6	6	30	5.82														

CODES FOR TYPE OF WIRING: A Thermoplastic insulated cables in conduit; B Thermoplastic cables in trunking; C Thermoplastic cables in conduit; D Thermoplastic cables in trunking; E Thermoplastic cables in ducting; F Thermoplastic/SWA cables; G Thermosetting/SWA cables; H Mineral-insulated cables; O (Other – please state) n/a

Location of consumer unit right top of the entry door

Designation of consumer unit 10 Way RCBO Template

Prospective fault current at consumer unit 1.5 kA

TEST INSTRUMENTS

Test instruments (serial numbers) used

Multi-function 2380049

Insulation resistance

Continuity

Earth electrode resistance

Earth fault loop impedance

RCD