Summer Road, Walsham - Le - Willows, Bury St Edmunds, IP31 3AJ
TEL : 0800 587 9999

Client: Add Living
41-42 Eastcastle Street
London
W1W 8DU

Job Number: 1723660

Site Add.: Flat F 53 Warminster Road
London
SE25 4DQ

Details of work carried out:

Electrical remedial work following EICR and as per Estimate 480407:-
Supplied & installed new consumer unit in accordance with 18th Edition wiring regulations, replaced the faulty socket & associated works as per Estimate.

Engineer : Solomon Adeshina

This report has been produced in accordance with the Gas-Elec Group working method statement which covers COVID -19 virus procedures. A copy of this working method statement can be found on: www.gas-elec.co.uk/cvd19

Date : 4-Aug-2021

Certificate No: 120653-1723660001

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ELECTRICAL INSTALLATION CERTIFICATE (note 1 and 2)
(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS - BS7671 [IEE WIRING REGULATIONS])

DETAILS OF THE CLIENT

Client: Add Living

Address: 41-42 Eastcastle Street London W1W 8DU

INSTALLATION ADDRESS

Flat F 53 Warminster Road, London, SE25 4DQ

Description of Installation: Two Bedroom Flat

Extent of Installation covered by this Certificate

I replaced the consumer unit to 18th edition wiring regulation and replaced the faulty socket in there lounge.

New Installation ☐

Addition to an existing Installation ☐

Alteration to an existing Installation ☑

DESCRIPTION AND EXTENT OF THE INSTALLATION

I/We being the person(s) responsible for the Design, Construction, Inspection & Testing of the electrical installation (as indicated by my/our signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the Design, Construction, Inspection & Testing and additionally where this certificate applies to an addition or alteration, the safety of the existing installation is not impaired, hereby CERTIFY that the Design, Construction,Inspection & Testing work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671 : 2018 (IET Wiring Regulations) as amended to: 2018,except for the departures, if any, detailed as follows:

Details of departures from BS 7671 (Regulations 120.3, 133.1.3 and 133.5):

None

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

NEXT INSPECTION (NOTE 8)

I/we recommend that this installation is further inspected and tested after an interval of not more than 5 Years, provided that any observations 'requiring urgent attention' are attended to without delay.

DECLARATION

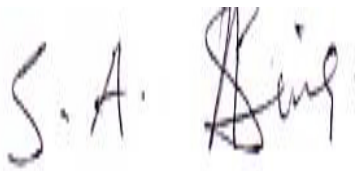
INSPECTED AND TESTED BY

Name: Solomon Adeshina

For and behalf of: gas-elec Area 20

Address: Beachland Limited
Stonebridge House
28-32 Bridge Street
Leatherhead
Surrey
KT22 8BZ

Signature:



Position: Safety Inspection Engineer

Date: 04/08/2021

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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-C	☐	IT	☐	1-phase, 2-wire	☐	Nominal Voltage, 230-V U/Uo(1)	BSEN 1361
TN-S	☑	LIM	☐	1-phase, 3-wire	☐	Nominal Frequency, 50 f(1)	Type 2
TN-C-S	☐			2-phase, 3-wire	☐	Prospective Fault Current, 0.87 Ipf(2)	Nominal Current Rating 60.00 A
TT	☐			3-phase, 3-wire	☐	External Loop Impedance 0.28 Ze (2)	
Alternative source of supply (to be detailed on attached schedules)	☑			3-phase, 4-wire	☐	Maximum demand (load) 0 Amps	

(Note: (1) by enquiry, (2) by enquiry or by measurement)

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PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing		Details of Installation Earth Electrode (where applicable)		
		Type	Location	Electrode Resistance to Earth
Distributor's Facility	☑			
Installation Earth Electrode	☐	N/A	N/A	N/A

Main Productive Conductors

Earthing Conductor:	Material: Copper	CSA: 16 mm2	Connection Verified: Yes
Main Protective Bonding Conductors:	Material: Copper	CSA: 10 mm2	Connection Verified: Yes

To incoming water service: Yes

To incoming gas service: Yes

To other elements:

Main Switch or Circuit-breaker

BS, Type: BS 60947-3 No. of Poles: 2 Current rating: 100 A Voltage rating: 230-V

Location: Hallway Cupboard

Rated residual operating current IAn = 0 mA and operating time of 0 ms (at IAn) (applicable only where an RCD is suitable and is used as a main circuit-breaker)

COMMENTS ON EXISTING INSTALLATION

SCHEDULES (note 2)

The attached schedules are part of this document and this Report is valid only when they are attached to it.

1 Schedule of inspection and 1 Schedule of Test Results are attached.

GUIDANCE FOR RECIPIENTS (to be appended to the Report)

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed and inspected and tested in accordance with British Standard 7671 (The IEE Wiring Regulations).

You should have received an original Certificate and the contractor should have retained a duplicate Certificate. If you were the person ordering the work, but not the user of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the user.

The 'original' 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 competent person. 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 addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. A 'Periodic Inspection Report' should be issued for such a periodic inspection.

The Certificate is only valid if a Schedule of Inspections and a Schedule of Test Results are appended.

In the event of a complaint relating to any service or installation in a property gas-elec must be given the opportunity to address the issue by re-visiting the property to resolve any alleged complaint. gas-elec cannot be held responsible if the opportunity to fully address the matter is not afforded to us. In the event of another company/contractor being called to the property to investigate or attempt to rectify an alleged complaint in preference to gas-elec the company will accept no liability.

Notes

PASS to indicate the inspection has been carried out and the result was satisfactory
FAIL to indicate the inspection has been carried out and the result was unsatisfactory
N/A to indicate the inspection is not applicable
LIM to indicate that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out

1. SELV An extra-low voltage system which is electrically separated from Earth and from other systems. The particular requirements of the Regulations must be checked (see Regulations 411-02 and 471-02)
2. Method of protection against direct contact - will include measurement of distances where appropriate
3. Obstacles - only adopted in special circumstances (see Regulations 412-04 and 471-06)
4. Placing out of reach - only adopted in special circumstances (see Regulations 412-05 and 471-07)
5. Use of Class II equipment - infrequently adopted and only when the installation is to be supervised (see Regulations 413-03 and 471-09)
6. Non-conducting locations - not applicable in domestic premises and requiring special precautions (see Regulations 413-04 and 471-10)
7. Earth-free local equipotential bonding - not applicable in domestic premises, only used in special circumstances (see Regulations 413-05 and 471-11)
8. Electrical separation (see Regulations 413-06 and 471-12)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

Contractor: gas-elec Safety (UK) Ltd

Address / Location of distribution board: Flat F 53 Warminster Road, London, SE25 4DQ

Test Date : 04/08/2021

Signature: 

Loop Impedance	9898009	Continuity	9898009
Insulation	9898009	RCD Tester	9898009

Method of protection against indirect contact: ADS

Equipment vulnerable to testing: None

Description of Work: To replace the consumer unit to comply to 18th edition wiring regulation

Deviations from Wiring Regulations and special notes

DECLARATION

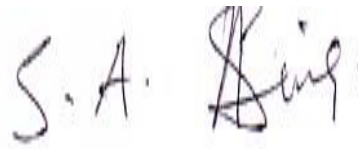
INSPECTED AND TESTED BY

Name: Solomon Adeshina

For and behalf of: gas-elec Area 20

Address: Beachland Limited
Stonebridge House
28-32 Bridge Street
Leatherhead
Surrey
KT22 8BZ

Signature:



Position: Safety Inspection Engineer

Date: 04/08/2021

SCHEDULE OF INSPECTIONS (for new installation work only) for DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

NOTE 1: This part of the report is suitable for many types of smaller installation, not exclusively domestic. All items inspected in order to confirm, as appropriate, compliance with the relevant clauses in BS 7671.The list of items and associated examples where given are not exhaustive.

NOTE 2: For each field if 'Inspected & satisfactory is selected it means an inspection has been carried out and the result is satisfactory. If N/A is shown it means that the inspection is not applicable to a particular item

ITEM NO	DESCRIPTION	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)	
1.1	Service cable	Inspected & satisfactory
1.2	Service head	Inspected & satisfactory
1.3	Earthing arrangement	Inspected & satisfactory
1.4	Meter tails	Inspected & satisfactory
1.5	Metering equipment	Inspected & satisfactory
1.6	Isolator (where present)	Inspected & satisfactory
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 arranagements:	
	• Distributor's earthing arrangement (542.1.1;542.1.2.2)	Inspected & satisfactory
	• Installation earth electrode (where applicable) (542.1.2.3)	Inspected & satisfactory
	• Earthing conductor and connections, including accessibility (542.3; 543.3.2)	Inspected & satisfactory
	• Main protective bonding conductors and connections, including accessibility (411.3.12; 543.3.2; 544.1)	Inspected & satisfactory
	• Provision of safety electrical earthing / bonding labels at all appropriate locations (514.13)	Inspected & satisfactory
	• RCD(s) provided for fault protection (411.4.204; 411.5.3)	Inspected & satisfactory
4.0	BASIC PROTECTION	
4.1	Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:	
	• Insulation of live parts e.g. conductors completely covered with durable insulating material (416.1)	Inspected & satisfactory
	• Barriers or enclosures e.g. correct IP rating (416.2)	Inspected & satisfactory
5.0	ADDITIONAL PROTECTION	
5.1	Presence and effectiveness of additional protection methods:	
	•RCD(s) not exceeding 30 mA operating current (415.1; Part 7), see Item 8.14 of this schedule	Inspected & satisfactory
	•Supplementary bonding (415.2; Part 7)	Inspected & satisfactory

6.0	OTHER METHODS OF PROTECTION	
6.1	Presence and effectiveness of methods which give both basic and fault protection	
	• SELV system, including the source and associated circuits (Section 414)	Inspected & satisfactory
	• PELV system, including the source and associated circuits (Section 414)	N/A
	• Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits (Section 412)	Inspected & satisfactory
	• Electrical separation for one item of equipment e.g. shaver supply unit (Section 413)	Inspected & satisfactory
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)	Inspected & satisfactory
7.2	Components are suitable according to assembly manufacturers instructions or literature (536.4.203)	Inspected & satisfactory
7.3	Presence of linked main switch(s) (462.1.201)	Inspected & satisfactory
7.4	Isolators, for every circuit or group of circuits and all items of equipment (462.2)	Inspected & satisfactory
7.5	Suitability of enclosure(s) for IP and fire ratings (416.2; 421.1.6; 421.1.201; 526.5)	Inspected & satisfactory
7.6	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	Inspected & satisfactory
7.7	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure (526.1)	Inspected & satisfactory
7.8	Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel (521.5)	Inspected & satisfactory
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)	Inspected & satisfactory
7.10	Presence of appropriate circuit charts, warning and other notices:	
	• Provision of circuit charts/schedules or equivalent forms of information (514.9)	Inspected & satisfactory
	• Warning notice of method of isolation where live parts not capable of being isolated by a single device (514.11)	Inspected & satisfactory
	• Periodic inspection and testing notice (514.12.1)	Inspected & satisfactory
	• RCD six-monthly test notice; where required (514.12.2)	Inspected & satisfactory
	• AFDD six-monthly test notice; where required	Inspected & satisfactory
	• Warning notice of non-standard (mixed) colours of conductors present (514.14)	Inspected & satisfactory
7.11	Presence of labels to indicate the purpose of switchgear and protective devices(514.1.1; 514.8)	Inspected & satisfactory

8.0	CIRCUITS	
8.1	Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation (Section 523)	Inspected & satisfactory
8.2	Cable installation methods suitable for the location(s) and external influences (Section 522)	Inspected & satisfactory
8.3	Segregation/separation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical services (528)	Inspected & satisfactory
8.4	Cables correctly erected and supported throughout, with protection against abrasion (Sections 521, 522)	Inspected & satisfactory
8.5	Provision of fire barriers, sealing arrangements where necessary (527.2)	Inspected & satisfactory
8.6	Non-sheathed cables enclosed throughout in conduit, ducting or trunking (521.10.1; 526.8)	Inspected & satisfactory
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)	Inspected & satisfactory
8.8	Conductors correctly identified by colour, lettering or numbering (Section 514)	Inspected & satisfactory
8.9	Presence, adequacy and correct termination of protective conductors (411.3.1.1; 543.1)	Inspected & satisfactory
8.10	Cables and conductors correctly connected, enclosed and with no undue mechanical strain (Section 526)	Inspected & satisfactory
8.11	No basic insulation of a conductor visible outside enclosure (526.8)	Inspected & satisfactory
8.12	Single-pole devices for switching or protection in line conductors only (132.14.1; 530.3.3; 643.6)	Inspected & satisfactory
8.13	Accessories not damaged, securely fixed, correctly connected, suitable for external influences (134.1.1; 512.2; Section 526)	Inspected & satisfactory
8.14	Provision of additional protection/requirements by RCD not exceeding 30mA	
	• Socket-outlets rated at 32 A or less, unless exempt (411.3.3)	Inspected & satisfactory
	• Mobile equipment with a current rating not exceeding 32 A for use outdoors (411.3.3)	Inspected & satisfactory
	• Cables concealed in walls at a depth of less than 50 mm (522.6.202, 522.6.203)	Inspected & satisfactory
	• Cables concealed in walls / partitions containing metal parts regardless of depth (522.6.202; 522.6.203)	Inspected & satisfactory
	• Final circuits supplying luminaries within domestic (household) premises (411.3.3)	Inspected & satisfactory
8.15	Presence of appropriate devices for isolation and switching correctly located including:	
	• Means of switching off for mechanical maintenance (Section 464, 537.3.2)	Inspected & satisfactory
	• Emergency switches (465.1; 537.3.3)	N/A
	• Functional switches, for control of parts of the installation and current using equipment (463.1; 537.3.1)	Inspected & satisfactory
	• Firefighter's switches (537.4)	N/A

9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)	
	Equipment not damaged, securely fixed and suitable for external influences (134.1.1; 416.2; 512.2)	Inspected & satisfactory
	Provision of overload and/or undervoltage protection e.g. for rotating machines, if required (Sections 445, 552)	Inspected & satisfactory
	Installed to minimize the build-up of heat and restrict the spread of fire (421.1.4; 559.4.1)	Inspected & satisfactory
	Adequacy of working space. Accessibility to equipment (132.12; 513.1)	Inspected & satisfactory
10.0	LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)	
	30 mA RCD protection for all LV circuits, equipment suitable for the zones, supplementary bonding (where required) etc.	Inspected & satisfactory
11.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	
	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied)	N/A

ELECTRICAL INSTALLATION CERTIFICATE - EIC

Consumer Unit No:	**1**	**Location Reference**	Hallway Cupboard	**Zs at the Consumer Unit**	0.28	**Ipf at Consumer Unit**	0.868	**Correct Polarity of supply confirmed?**	YES	**Phase rotation confirmed? (where appropriate)**	N/A	

Test Results

		Protective Device					Conductor Details			Ring final circuit continuity (ohms)			Continuity (ohms)			Insulation Resistance (mega ohms)						
Circuit Number	Circuit Description	Type	Rating In A	Breaking Capacity	RCD In (mA)	Maximum permitted Zs	Reference Method	live mm2	cpc mm2	r1 (Line)	Rn (Neutral)	r2(cpc)	R1+R2	R2	Insulation Resistance Test Voltage	Live/Live	Line/Earth	Polarity	Maximum Measured Zs (ohm)	RCD*5 time (ms)	RCD Test Button Operation	Manual AFDD test button operation	Remarks
1	Security alarm	BS (EN) 60898 Type B	6	6	30	5.82	B	2.5	1.5	N/A	N/A	N/A	LIM	N/A	500	>500	>500	LIM	LIM	14.8	Pass	N/A	
2	Lighting in Kitchen/Bathroom	BS (EN) 60898 Type B	6	6	30	5.82	B	1.5	1.0	N/A	N/A	N/A	0.61	N/A	500	>500	>500	Pass	LIM	14.8	Pass	N/A	The Fitting Too high
3	Socket outlets Kitchen	BS (EN) 60898 Type B	32	6	30	1.1	B	2.5	1.5	0.23	0.23	0.41	0.31	N/A	500	>500	>500	Pass	0.84	14.8	Pass	N/A	
4	Cooker point	BS (EN) 60898 Type B	32	6	30	1.1	B	6.0	2.5	N/A	N/A	N/A	0.16	N/A	500	>500	>500	Pass	0.41	16.5	Pass	N/A	
5	Socket outlets Throughout	BS (EN) 60898 Type B	32	6	30	1.1	B	2.5	1.5	0.39	0.39	0.63	0.37	N/A	500	>500	>500	Pass	0.96	16.5	Pass	N/A	
6	Lighting in Lounge/Hallway	BS (EN) 60898 Type B	6	6	30	5.82	B	1.5	1.0	N/A	N/A	N/A	0.55	N/A	500	>500	>500	Pass	LIM	16.5	Pass	N/A	The Fitting Too high

Certificate No. 120653-1723660001

DECLARATION

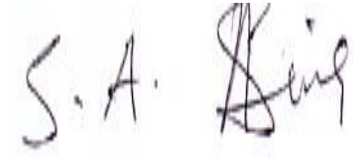
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For and behalf of: gas-elec Area 20

Address: Beachland Limited
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Signature:



Position: Safety Inspection Engineer

Date: 04/08/2021