

ALL WIRED UP

ELECTRICAL INSTALLATION CERTIFICATE

Certificate No: 212 Registration No 37010

(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS – BS 7671 [IET WIRING REGULATIONS])

DETAILS OF CLIENT Peter Cleary
64 Estbury way
Postcode SN25 2EW

INSTALLATION ADDRESS
As ABove

DESCRIPTION AND EXTENT OF THE INSTALLATION Description of installations	New installation <input type="checkbox"/>
Extent of installation covered by this certificate new consumer unit	Addition to an existing installation <input type="checkbox"/>
(Use continuation sheet if necessary) see continuation sheet No: ...	Alteration to an existing installation <input checked="" type="checkbox"/>

FOR DESIGN, CONSTRUCTION, INSPECTION & TESTING
I/ being the person responsible for the design, construction, inspection & testing of the electrical installation (as indicated by my signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction, inspection & testing hereby CERTIFY that the design work for which I have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671:2008, amended to ... (date) except for the departures, if any, detailed as follows:

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

None

Details of permitted exceptions (Regulations 411.3.3). Where applicable, if suitable risk assessments(s) must be attached to this Certificate.

None Risk assessment attached

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

SignaturePaul Spence..... Date 21 June 18... Name: Paul Spence

PARTICULARS OF SIGNATORY

Position: ELECTRICIAN Company: ALL WIRED UP
Address: 17 windbrook meadow Postcode: SN3 4UA Tel No: 07778 538283

NEXT INSPECTION
I recommend that this installation is further inspected and test after an interval of not more than 5... years/months

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements	Number and Type of Live Conductors	Nature of Supply Parameters	Supply Protective Device
TN-C <input type="checkbox"/>	a.c. <input checked="" type="checkbox"/> d.c. <input type="checkbox"/>	Nominal voltage U / U ₀ ⁽¹⁾ 230 V	BS (EN) 1361 Type b Rated current 100 A
TN-S <input type="checkbox"/>	1-phase, 2 wire <input checked="" type="checkbox"/> 2 wire <input type="checkbox"/>	Nominal Frequency, f ⁽¹⁾ 50 Hz	
TN-C-S <input checked="" type="checkbox"/>	2 phase, 3 wire <input type="checkbox"/> 3 wire <input type="checkbox"/>	Prospective fault current, I _{pf} ⁽²⁾ 5.90ka	
TT <input type="checkbox"/>	3 phase, 3 wire <input type="checkbox"/> other <input type="checkbox"/>	external loop impedance, Z _e ⁽²⁾ 0.04 Ω	
IT <input type="checkbox"/>	3 phase, 4 wire <input type="checkbox"/>	(note (1) by enquiry (2) by enquiry or by measurement)	
Confirmation of supply polarity <input checked="" type="checkbox"/>			

Other sources of supply (as detailed on attached schedule)

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE			
Means of Earthing distributor's facility <input checked="" type="checkbox"/> installation earth electrode <input type="checkbox"/>	Maximum Demand Maximum demand (load) kVA / Amps <small>(delete as appropriate)</small>		
	Details of Installation Earth Electrode (where applicable) Type (e.g. rod(s), tape etc.) Location Resistance to Earth Ω		
Main Protective Conductors			
Earthing Conductor	Material Copper	csa 16 mm ²	Connection / continuity verified <input checked="" type="checkbox"/>
Main Protective Bonding Conductors (to extraneous-conductive-parts)	Material Copper	csa 10 mm ²	Connection / continuity verified <input checked="" type="checkbox"/>
To water installation pipes <input type="checkbox"/>	To gas installation pipes <input type="checkbox"/>	To oil installation pipes <input type="checkbox"/>	To structural steel <input checked="" type="checkbox"/>
To lightning protection <input checked="" type="checkbox"/>	To other <input type="checkbox"/> Specify ...Oil		
Main Switch / Switch-Fuse / Circuit-Breaker / RCD			
Location Main Panel	Current Rating	100 A	If RCD main switch
BS(EN) 60947-3	Fuse / Device rating or setting	100 A	residual operating current ($I_{\Delta n}$) mA
No of Poles 2	Voltage rating	230v	rated time delay ms
			Measured operating time (at $I_{\Delta n}$) ms
COMMENTS ON EXISTING INSTALLATION (in the case of an addition or alteration see Section 633):			
in Good order			
SCHEDULES			
The attached Schedules are part of this document and this Certificate is valid only when they are attached to it. ...1 Schedules of Inspections and ...1 Schedules of Test Results are attached. <small>(enter quantities of schedules attached)</small>			

ELECTRICAL INSTALLATION CERTIFICATE**GUIDANCE FOR RECIPIENTS (to be appended to the Certificate)**

This safety Certificate has been issued to confirm that the electrical installation work to which it related has been designed, constructed, inspected and test in accordance with British Standard 7671 (the IET wiring Regulations).

You should have received an "original" Certificate and the contractor 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.

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 skilled 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 addition or alteration to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An "Electrical Installation Condition Report" should be issued for such an inspections
This Certificate is only valid if accompanied by the Schedule of Inspections and the Schedule(s) of Test Results.

ALL WIRED UP

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

Certificate No: 212 Registration No 37010

Note 1: This form is suitable for many types of smaller installations, 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: Insert ✓ to indicate an inspection has been carried out and the results is satisfactory, or N/A to indicate that the inspection is not applicable to a particular item

ITEM NO	DESCRIPTION	OUTCOME see note 2
1.0	DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT	
1.1	Condition of service cable	✓
1.2	Condition of service head	✓
1.3	Condition of distributor's earthing arrangement	✓
1.4	Condition of meter tails - Distributor/Consumer	✓
1.5	Condition of metering equipment	✓
1.6	Condition of 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:	✓
	■ Installation earth electrode (where applicable) (542.1.2.3)	Na/
	■ Earthing conductor and connections, including accessibility (542.3; 543.3.2)	✓
	■ Main protective bonding conductors and connections, including accessibility (411.3.1.2; 543.3.2)	✓
	■ Provision of safety electrical earthing / bonding labels at all appropriate locations (514.13)	✓
	■ RCD(s) provided for fault protection (411.4.9; 411.5.3)	✓
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)	✓
	■ Barriers or enclosures e.g. correct IP rating (416.2)	✓
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	✓
	■ Supplementary bonding (415.2; Part 7)	✓
6.0	AUTOMATIC DISCONNECTION OF SUPPLY	
6.1	Presence and adequacy of earthing and protective bonding arrangements:	✓
	■ Installation earth electrode (where applicable) (542.1.2.3)	✓
	■ Earthing conductor and connections, including accessibility (542.3; 543.3.2)	✓
	■ Main protective bonding conductors and connections, including accessibility (411.3.1.2; 543.3.2)	✓
	■ Provision of safety electrical earthing / bonding labels at all appropriate locations (514.13)	✓
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	Presence of linked main switch(s) (537.1.4; 537.1.5; 537.1.6)	✓
7.3	Isolators, for every circuit or group of circuits and all items of equipment (537.2)	✓
7.4	Suitability of enclosure(s) for IP and fire ratings (416.2; 421.1.6; 421.1.201)	✓

ITEM NO	DESCRIPTION	OUTCOME see note 2
CONSUMER UNIT(S) / DISTRIBUTION BOARD(S): Continued		
7.5	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11)	✓
7.6	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure (526.1)	✓
7.7	Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel (521.5)	✓
7.8	Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection (411.3.2; 411.4, .5, .6; Sections 432, 433)	✓
7.9	<ul style="list-style-type: none"> ■ Presence of appropriate circuit charts, warning and other notices. ■ Provision of circuit charts/schedules or equivalent forms of information (514.9) ■ Warning notice of method of isolation where live parts not capable of being isolated by a single device (514.11) ■ Periodic inspection and testing notice (514.12.1) ■ RCD quarterly test notice; where required (514.12.2) ■ Warning notice of non-standard (mixed) colours of conductors present (514.14) 	✓
7.10	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/separation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical services (528)	✓
8.4	Cables correctly erected and supported throughout including escape routes, 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)	✓
8.7	Cables concealed under floors above ceilings or in walls/partitions, adequately protected against damage (522.6.201, .202, .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 visible outside enclosure (526.8)	✓
8.12	Single-pole devices for switching or protection in line conductors only (132.14.1; 530.3.2)	✓
8.13	Accessories not damaged, securely fixed, correctly connected, suitable for external influences (134.1.1; 512.2; Section 526)	✓
8.14	Provision of additional protection by RCD not exceeding 30mA: <ul style="list-style-type: none"> ■ Socket-outlets rated at 20 A or less, unless exempt (411.3.3) ■ Mobile equipment with a current rating not exceeding 32 A for use outdoors (411.3.3) ■ Cables concealed in walls at a depth of less than 50 mm (522.6.202, .203) ■ Cables concealed in walls / partitions containing metal parts regardless of depth (522.6.202; 522.6.203) 	✓
8.15	Presence of appropriate devices for isolation and switching correctly located including: <ul style="list-style-type: none"> ■ Means of switching off for mechanical maintenance (537.3) ■ Emergency switches (537.4) ■ Functional switches, for control of parts of the installation and current-using equipment (537.5) ■ Firefighter's switches (537.6) 	✓
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)	N/A
9.2	Provision of overload and/or undervoltage protection e.g. for rotating machines, if required (Sections 445, 552)	N/A
9.3	Installed to minimize the build-up of heat and restrict the spread of fire (421.1.4; 559.4.1)	N/A
9.4	Adequacy of working space. Accessibility to equipment (132.12; 513.1)	N/A
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		
11.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied)	✓

Inspected by:

Name: PAUL SPENCE

Signature ..Paul Spence.....

Date 21 June 18 Page ...4... of 5.....

