ALL WIRED UP

ELECTRICAL INSTALLATION CONDITION REPORT

Certificate No: 435 Registration No STri17301

SECTION A. DETAIL OF CLIENT / PERSON ORDERING THE REPORT
Name Diana and John Morris
Address 15 Windsor rd Swindon
Postcode:

SECTION B. REASON FOR PRODUCING THIS REPORT
land lords
Date(s) on which inspection and testing was carried out 22 Mar 21

SECTION C. DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT
Occupier communal area
Address 19-24 Charminster Swindon
Postcode:SN
Description of premises
Domestic ☐ Commercial ☑ Industrial ☐ Other(include brief description) ☐ …
Estimated age of wiring system …30 years
Evidence of additions/alterations yes no no apparent if yes estimate age … years
Installation record available (Regulations 651.1) yes ☐ no ☑ Date of last Inspection … (date)

SECTION D. EXTENT AND LIMITATION OF INSPECTION AND TESTING
Extent of the electrical installation covered by this report
communal area
Agreed limitations including the reasons (see regulations 653.2)

Agreed with
Operations limitations including the reason (see page no …)

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to …
It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and general within the fabric of the building or underground, have **not** been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

SECTION E. SUMMARY OF THE CONDITION OF THE INSTALLATION
General condition of the installation (in terms of electrical safety)
Safe
Overall assessment of the installation in terms of its suitability for continued use
SATISFACTORY/* (delete as appropriate)
*An unsatisfactory assessment indicated that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified.

SECTION F. RECOMMENDATIONS
Where the overall assessment of suitability of the installation for continued use above is stated as UNSATISFACTORY, I/we recommend that any observation classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency.
Investigations without delay is recommend for observations identified as 'Further investigation required (FI).
Observations classified as 'Improvement recommend' (code C3) should be given due consideration

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and test by 22 Mar 26 (date)

SECTION G. DECLARATION
I/We, being the person(s) responsible for the 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 inspection and testing, hereby declare that the information in this report, including the observation and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations of section D of this report.

Inspected and tested by:	**Report authorised for issue by:**
Name: PAUL SPENCE Signature ...Paul Spence..... ..For/on behalf of : ALL WIRED UP Position: ELECTRICIAN Address 17 WINDBROOK MEADOW, SWINDON Date. 22 Mar 21: SN3 4UA	Name: Signature For/on behalf of : Position: Address Date Postcode:

SECTION H. SCHEDULE(S)
… schedule (s) of inspection and … schedule(s) of test results are attached..
The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

Section I. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements	Number and Type of Live Conductors		Nature of Supply Parameters	Supply Protective Device
TN-C ☐ TN-S ☐ TN-C-S ☑ TT ☐ IT ☐	a.c. ☑ 1-phase, 2 wire ☑ 2 phase, 3 wire ☐ 3 phase, 3 wire ☐ 3 phase, 4 wire ☐	d.c. ☐ 2 wire ☐ 3 wire ☐ other ☐	Nominal voltage U / U_0 (1) 230 V Nominal Frequency, f (1) 50 Hz Prospective fault current, I_{pf} (2) : 4.46kA external loop impedance, Ze (2): 0.06 Ω *(note (1) by enquiry* *(2) by enquiry or by measurement)*	BS (EN): 1362 Type : b Rated current 100 A
	Confirmation of supply polarity ☑			

Other sources of supply (as detailed on attached schedule) ☐

SECTION J. PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORTS

Means of Earthing	**Details of Installation Earth Electrode** *(where applicable)*
distributor's facility ☑ installation earth electrode ☐	Type: Location: none Resistance to Earth Ω

Main Protective Conductors

Earthing Conductor	Material copper csa 16 mm^2		Connection / continuity verified ☑
Main Protective Bonding Conductors (to extraneous-conductive-parts)	Material copper csa 10 mm^2		Connection / continuity verified ☑
To water installation pipes ☑	To gas installation pipes ☐	To oil installation pipes ☐	To structural steel ☐
To lightning protection ☑	To other ☐ Specify …		

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

Location main consumer unit next to front door BS(EN) 60947-3 No of Poles2	Current Rating 100… A Fuse / Device rating or setting …100 A Voltage rating …230 V	**If RCD main switch** residual operating current ($I_{\Delta n}$) mA rated time delay ms Measured operating time (at $I_{\Delta n}$) ms

SECTION K. OBSERVATIONS

Referring to the attached schedules of inspection and test results, and subject to the limitations specified at the Extent and limitations of inspection and testing section

No Remedial action is required ☑ The following observations are made ☐ (see below):

OBSERVATIONS (S) Include schedule reference, as appropriate	CLASSIFICATION CODE

One of the following codes as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.

C1 – Danger present. Risk of injury. Immediate remedial action required

C2 – Potentially dangerous – urgent remedial action required

C3 – Improvement recommended

FI – Further investigation required without delay

CONDITION REPORT

GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deteriorations, defects and/or conditions which may give rise to danger (see Section K).
2. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
3. The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the

electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

4. Where the installation incorporates a residual current device (RCD) there should be notice at or near the device stating that it should be tested six-monthly. For safety reasons it is important that this instruction is followed.
5. Section D (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
6. Some operational limitation such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.
7. For items classified in Section K as C1 ('Danger present'), the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
8. For items classified in Section K as C2 ('Potentially dangerous'), the safety of those using the installation may be at risk and it is recommended that a skilled person or person competent in electrical installation work undertakes the necessary remedial work as a matter or urgency
9. Where it has been stated in Section K that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitation of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F)
10. For the safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which a next inspection is due is stated in Section F of the Report under 'Recommendations' and on the label at or near the consumer unit distribution board

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CONDITION REPORT INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

Certificate No: 435 Registration No STRi 17301

Note: This form is suitable for many types of smaller installation, not exclusively domestic.

OUTCOMES	*Acceptable Condition*	✔	*Unacceptable condition*	*State* **C1** *or* **C2**	*Improvement recommended*	*State* **C3**	*Further Investigation*	**FI**	*No Verified*	**NV**	*Limitations*	**LIM**	*Not applicable*	**N/A**

ITEM NO	DESCRIPTION	OUTCOME *(Use codes above. Provide additional comment where appropriate C1, C2, C3 and FI coded items to be recorded in Section K of the Condition Report)*
1.0	**EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INPSECTION ONLY)**	
1.1	Service cable	✔
1.2	Service head	✔
1.3	Earthing arrangement	✔
1.4	Meter tails	✔
1.5	Metering equipment	✔
1.6	Isolator (where present)	✔
2.0	**PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)**	✔
3.0	**EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)**	
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1 ; 542.1.2.2)	✔
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	**n/a**
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)	✔
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	✔
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	✔
3.6	Confirmation of main protective bonding conductor sizes (544.1)	✔
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	✔
3.8	Accessibility and condition of other protective bonding connections (543.3.2; 543.3.2)	✔
4.0	**CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)**	
4.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)	✔
4.2	Security of fixing (134.1.1)	✔
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	✔
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201, 526.5)	✔
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	✔
4.6	Presence of main linked switch (as required by 462.1.201)	✔
4.7	Operation of main switch (functional check) (643.10)	✔
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	✔
4.9	Correct identification of Circuit details and protective devices (514.8.1; 514.9.1)	✔
4.10	Presence of RCD quarterly test notice at or near consumer unit/distribution board (514, 12.2)	✔
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)	✔
4.12	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	**n/a**
4.13	Presence of other required labelling (please specify) (Section 514)	✔
4.14	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432.433)	✔
4.15	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✔
4.16	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	✔
4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	✔
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2)	✔
4.19	RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1)	✔
4.20	Confirmation of indication that SPD is functional (651.4)	**n/a**
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✔
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	✔
4.23	Adequate arrangements where a generating set operates in parallel With the public supply (551.7)	✔

OUTCOMES	*Acceptable Condition*	✔	*Unacceptable condition*	*State* **C1** *or* **C2**	*Improvement recommended*	*State* **C3**	*Further Investigation*	**FI**	*No Verified*	**NV**	*Limitations*	**LIM**	*Not applicable*	**N/A**

ITEM NO	DESCRIPTION	OUTCOME *(Use codes above. Provide additional comment where appropriate C1, C2, C3 and FI coded items to be recorded in Section K of the Condition Report)*
5.0	**Final Circuits**	
5.1	Identification of conductors (514.3.1)	✔
5.2	Cables correctly supported throughout their run (521.1.202; 522.8.5)	✔
5.3	Condition of insulation of live parts (416.1)	✔
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	✔
	■ To include the integrity of conduit and trunking systems (metallic and plastic)	✔
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✔
5.6	Condition between conductors and overload protective devices (433.1; 533.2.1)	✔
5.7	Adequacy protective devices: type and rated current for fault protection (411.3)	✔
5.8	Presence and adequacy of circuit protective conductors (411.3.1.1; Section 543)	✔
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	✔
5.10	Concealed cables Installed in prescribed zones (see Section D. *Extent and limitations*) (522.6.202)	✔
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. *Extent and limitations*) (522.6.204)	✔
5.12	Provision of additional protection by RCD not exceeding 30 mA:	✔
	■ for all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)	✔
	■ for supply to mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	✔
	■ for cables concealed in walls at a depth of less than 50 mm (522.6.202, 522.6.203)	✔
	■ for cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	✔
	■ Final circuits supplying luminaires within domestic (household) premises (411.3.4)	✔
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	✔
5.14	Band II cables segregated/separated from Band I cables (528.1)	✔
5.15	Cables segregated/separated from communications cabling (528.2)	✔
5.16	Cables segregated/separated from non-electrical services (528.3)	✔
5.17	Termination of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526)	✔
	■ Connections soundly made and under no undue strain (526.6)	✔
	■ No basic insulation of conductor visible outside enclosure (526.8)	✔
	■ Connections of live conductors adequately enclosed (526.5)	✔
	■ Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	✔
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	✔
5.19	Suitability pf accessories for external influences (512.2)	✔
5.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)	✔
5.21	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	✔
6.0	**LOCATION(S) CONTAINING A BATH OR SHOWER**	
6.1	Additional protection for ell low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)	**n/a**
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	**n/a**
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	**n/a**
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2)	**n/a**
6.5	Low Voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	**n/a**
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	**n/a**
6.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	**n/a**
6.8	Suitability of current-using equipment for particular position within the location (701.55)	**n/a**
7.0	**OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS**	
7.1	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** 22 Mar 21

ALL WIRED UP

GENERIC SCHEDULE OF TEST RESULTS

Certificate No: 435 Registration NoStri17301

DB reference no Location Zs at DB 0.23(Ω) I_{pf} AT DB 1.1 kA) Correct supply polarity confirmed ☑ Phase sequence confirmed (where appropriate) ☑	Details of Circuits and/or installed equipment vulnerable to damage when testing	Details of test instruments used (state serial and/or asset numbers) Continuity 3383 Insulation resistance 3383 Earth fault loop impedance 3383 RCD 3383 Earth electrode resistance N/A

Tested by:
Name (Capitals) PAUL SPENCE

Signature .....Paul Spence..... Date …22 Mar 21

Circuit Details											Test results														
		Protective device						Conductor details			Ring final circuit continuity (Ω)			Continuity (Ω) (R_1 + R_2) or R_2		Insulation Resistance Test Voltage	Insulation resistance (MΩ)		Polarity	Z_s (Ω)	RCD		AF DD	Remarks (continue on a separate sheet if necessary)
Circuit Number	Circuit Description	BS (EN)	Type	Rating (A)	Breaking Capacity (kA)	RCD $I_{\Delta n}$ (mA)	Maximum Permitted Z_s (Ω*)	Reference Method	Live (MM^2)	cpc (MM^2)	r_1 (Line)	r_2 (Neutral)	r_n (cpc)	(R_1 + R_2)	R_2	V	Live-Live	Live-Earth	Insert ✔ or ✘	Maximum measured	Disconnection Time (ms)	RCT test button operation	Manual AFDD test Button operation	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	Bk 1-6	61009	B	32	6	30	2.2	C	6	6	N/A	N/A	N/A	.19	N/A	500	299	299	✔	.21	**19.5**	✔	N/A	
2	Bk 7-12	61009	B	32	6	30	2.2	C	6	6	N/A	N/A	N/A	.11	N/A	500	299	299	✔	.14	**19.5**	✔	N/A	
3	Bk 13 -18	61009	B	32	6	30	2.2	C	6	6	N/A	N/A	N/A	.23	N/A	500	299	299	✔	.18	**19.5**	✔	N/A	
4	Bk 25-30	61009	B	32	6	30	2.2	C	6	6	N/A	N/A	N/A	..23	N/A	500	299	299	✔	.19	**19.5**	✔	N/A	
5	Tv Sockets	60898	B	16	6	30	2.2	C	2.5	1.5	N/A	N/A	N/A	.57	N/A	500	299	299	✔	.39	**N/a**	**N/a**	N/A	
6	Smoke	60898	B	6	6	30	5.8	c	1	1	N/A	N/A	N/A	.67	N/A	500	299	299	✔	.49	**N/a**	**N/a**	N/a	
7	Radial	60898	B	16	6	30	2.2	C	2.5	1.5	N/A	N/A	N/A	.49	N/A	500	299	299	✔	.38	**N/a**	**N/a**	N/A	
8	Lights	60898	B	6	6	30	5.8	c	1	1	N/A	N/A	N/A	.69	N/A	500	299	299	✔	.77	**N/a**	**N/a**	N/a	
9																								
10																								
11																								
12																								
13																								

Where the maximum permitted earth fault loop impedance value stated in column 8 is taken from a source other than the tabulated values given in Chapter 41 of the Standard, state the source of the data in the appropriate cell for the circuit in the 'Remarks' column (column 25) of the schedule.