ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

Client: Comfrey House. RTM Company

Address: 42, Seacdoe Crescent
Swindon.

Postcode: SN1 4GW

Purpose for which this report is required: Electrical Certification on electrical circuits for landlord

Date(s) on which inspection and testing were carried out:

Occupier: Multiple Occupancies

Address: 42, Seacole Crescent
Swindon.

Postcode: SN1 4GW

Estimated age of the electrical installation: 10 years

Evidence of alterations or additions

If yes, estimated age: years

Date of previous inspection: N/A

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: N/A

Records of installation available: N/A

Records held by: N/A

Extent of the electrical installation covered by this report:
Power and lighting circuits

Agreed limitations including the reasons, if any, on the inspection and testing:

N/A

Agreed with:

Operational limitations including the reasons (see page No. N/A)

N/A

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected.

General condition of the installation (in terms of electrical safety):

GOOD

Summary of the condition of the installation continued on additional pages? No Yes Specify page No(s):

Overall assessment of the installation: SATISFACTORY / ~~UNSATISFACTORY~~ *(Delete as appropriate)*

An 'Unsatisfactory' assessment indicates that dangerous and/or potentially dangerous conditions have been identified

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are **no** items adversely affecting electrical safety **or** The following observations and recommendations for action are made

Item No	Observations	Classification code †	Further investigation required (Y or ✓)
1			

Additional pages? No Yes Specify page No(s):

† *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:*

Code C1 ***'Danger present'.*** *Risk of injury. Immediate remedial action required.*

Code C2 ***'Potentially dangerous'.*** *Urgent remedial action required.*

Code C3 ***'Improvement recommended'.***

Please see the reverse of this page for guidance regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required for items:

Improvement recommended for items:

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 on page 1 (see C), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see F) and the attached schedules (see H), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see D).

I/We further declare that in my/our judgement, the said installation was overall in SATISFACTORY ~~/UNSATISFACTORY~~* **condition (see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).**

**Delete as appropriate*

INSPECTION, TESTING AND ASSESSMENT BY:

Signature: W E Williams

Name: (CAPITALS) WAYNE WILLIAMS

Position: Supervisor

Date:

REPORT REVIEWED AND CONFIRMED BY:†

Signature: W E Williams

Name: (CAPITALS) WAYNE WILLIAMS

Date: 7th March 2020

Schedule of Inspections: Page(s) No 4, 5, 6

Additional pages, including data sheets for additional source(s): Page No(s) N/A

Schedule of Circuit Details for the Installation: Page No(s) 7

Schedule of Test Results for the Installation: Page No(s) 7

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

†*The completed report should preferably be reviewed by another competent person to confirm that the declared overall condition of the electrical installation is consistent with the inspection and test results, and with the observations and recommendations for action (if any) made in the report*

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT FOR A SINGLE DWELLING

Original (To the person ordering the work)

I NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

2 yrs

(Enter interval in terms of years or months, as appropriate)

provided that any items at F which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F).

J DETAILS OF THE ELECTRICAL CONTRACTOR

Trading title: Universal Electrical

Address: 15, Falmouth Gore
Swindon
Wilts

Telephone number: 07798761671

Email address: Universal@yahoo.co.uk

Postcode: SN3 1BT

K SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type(s)	Number and type of live conductors		Other (please state)
TN-S	a.c. ✓		
TN-C-S	1-phase (2-wire)		1-phase (3-wire)
TT	2-phase (3-wire) ✓		3-phase (4-wire)
	3-phase (3-wire)		

Nature of supply parameters

Nominal voltage(s) $U^{(1)}$:	230 V	$U_0^{(1)}$	N/A	V
Nominal frequency, $f^{(1)}$	50 Hz	Number of sources	2	
Prospective fault current, $I_{pf}^{(2)(3)}$	1.36 kA			
External earth fault loop impedance, $Z_e^{(3)(4)}$	0.17 Ω			

Notes:
(1) by enquiry
(2) by enquiry or by measurement
(3) where more than one source, record the higher or highest value
(4) by measurement

Characteristics of primary supply overcurrent protective device(s)

BS(EN)	1361	
Type	II	
Rated current	100	A
Short-circuit capacity		kA
Confirmation of supply polarity	✓	(✓)

L PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing

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

Details of installation earth electrode (where applicable)

Type: (e.g. rod(s), tapes etc)	N/A		Location:	N/A
Electrode resistance, R_A:	N/A	(Ω)	Method of measurement:	N/A

Main switch or circuit-breaker

Type BS(EN)		Voltage rating		V
No of poles		Rated current, I_n		A
Primary supply conductors (material)	Copper	RCD operating current, $I_{\Delta n}$*	N/A	mA
Primary supply conductors (csa)	25 mm²	Rated time delay	N/A	ms
		RCD operating time (at $I_{\Delta n}$)*	N/A	ms

** (applicable only where an RCD is suitable and is used as a main circuit-breaker)*

Earthing and protective bonding conductors

Earthing conductor

Conductor material	Copper	
Conductor csa	16	mm²
Connection/continuity verified	✓	(✓)

Main protective bonding conductors

Conductor material	Copper	
Conductor csa	10	mm²
Connection/continuity verified	✓	(✓)

Bonding of extraneous-conductive-parts (✓)

Water service	✓	Gas service	✓	Specify
Oil service	N/A	Structural steel	N/A	N/A
Lightning protection	N/A	Other incoming service(s)	N/A	

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
1.0	**Condition/adequacy of distributor's/supply intake equipment**		
1.1	Service cable	✓	
1.2	Service cut-out/fuse(s)	✓	
1.3	Meter tails - distributor	✓	
1.4	Meter tails - consumer	✓	
1.5	Metering equipment	✓	
1.6	Means of main isolation (where present)	✓	
2.0	**Presence of adequate arrangements for other sources** *(microgenerators etc)*		
3.0	**Earthing and bonding arrangements**		
3.1	Presence and condition of distributor's earthing arrangement	✓	
3.2	Presence and condition of earth electrode connection	N/A	
3.3	Confirmation of adequate earthing conductor size	✓	
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✓	
3.5	Confirmation of adequate main protective bonding conductor sizes	✓	
3.6	Condition and accessibility of main protective bonding conductor connections	✓	
3.7	Provision of earthing and bonding labels at all appropriate locations	✓	

Item	Description	Outcome*	Location reference
4.0	**Consumer unit(s)**		
4.1	Adequacy of working space or access to consumer unit	✓	
4.2	Security of fixing	✓	
4.3	Condition of enclosure(s) in terms of IP rating	✓	
4.4	Condition of enclosure(s) in terms of fire rating	✓	
4.5	Enclosure not damaged/deteriorated so as to impair safety	✓	
4.6	Presence of linked main switch	✓	
4.7	Operation of main switch *(functional check)*	✓	
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection	✓	
4.9	Correct identification of circuits and protective devices	✓	
4.10	Presence of RCD test notice at or near consumer unit	✓	
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	N/A	
4.12	Presence of alternative supply warning notice at or near consumer unit	N/A	
4.13	Presence of replacement next inspection recommendation label	N/A	
4.14	Presence of other required labelling *(please specify)*	✓	
4.15	Examination of protective device(s) and base(s); correct type and rating *(no signs of unacceptable thermal damage, arcing or overheating)*	✓	
4.16	Single-pole protective devices in the line conductor only	✓	

* *All boxes must be completed.*
'✓' indicates **Acceptable condition**
'LIM' indicates a **Limitation**
'N/A' indicates **Not applicable**
Unacceptable condition state **C1** or **C2**
Improvement recommended state **C3**
Further investigation required state **F/I** (to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets.
C1, C2 and C3 coded items to be recorded in section F of the report.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT FOR A SINGLE DWELLING

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
4.17	Protection against mechanical damage where cables enter metallic consumer unit	✓	
4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	✓	
4.19	RCDs provided for fault protection – includes RCBOs	✓	
4.20	RCDs provided for additional protection – includes RCBOs	✓	
5.0	**Final circuits**		
5.1	Identification of conductors	✓	
5.2	Cables correctly supported throughout their run	✓	
5.3	Condition of insulation of live parts	✓	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (*including confirmation of the integrity of conduit and trunking systems*)	✓	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓	
5.6	Adequacy of protective devices; type and rated current for fault protection	✓	
5.7	Presence and adequacy of circuit protective conductors	✓	
5.8	Co-ordination between conductors and overload protective devices	✓	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✓	
5.10	Concealed cables installed in prescribed zones (*see extent and limitations*)	✓	
5.11	Concealed cables incorporating earthed armour or sheath, or run within earthed wiring containment system, or otherwise protected against mechanical damage from nails, screws and the like where not in prescribed zones or not protected by 30 mA RCD (*see extent and limitations*)	✓	
5.12	Provision of additional protection by RCD not exceeding 30 mA		
	• used to supply mobile equipment not exceeding 32 A rating for use outdoors	N/A	
	• for all socket-outlets not exceeding 20 A rating unless exempt	✓	
	• for cables concealed in walls or partitions	✓	
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓	
5.14	Band II cables segregated/separated from Band I cables	✓	
5.15	Cables segregated/separated from communications cabling	✓	
5.16	Cables segregated/separated from non-electrical services	✓	
5.17	Termination of cables at enclosures (*extent of sampling indicated in Section D of the report*)		
	• Connections soundly made and under no undue strain	✓	
	• No basic insulation of a conductor visible outside enclosures	✓	
	• Connections of live conductors adequately enclosed	✓	
	• Adequately connected at point of entry to enclosure (*glands, bushes etc.*)	✓	

** All boxes must be completed.*
'✓' indicates **Acceptable condition**
'*LIM*' indicates a **Limitation**
'*N/A*' indicates **Not applicable**
Unacceptable condition state **C1** or **C2**
Improvement recommended state **C3**
Further investigation required state **F/I** (to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets.
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