

A) DETAILS OF THE PERSON ORDERING THE REPORT

Client & Address

MR GU
30 KILSO GARDENS LEERS

B) REASON FOR PRODUCING THIS REPORT

INSURANCE

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

25-3-21

C) DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier & Address

AS ABOVE

Postcode

Description of premises:

Domestic

Commercial

Industrial

Other (include brief description)

Estimated age of wiring system

10

years

Evidence of additions alterations:

Yes

No

Not apparent

If yes estimated age

years

Records of installation available (Regulation 651.1)

YES

NO

Date of previous inspection

D) EXTENT OF THE INSTALLATION AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report

INSULATION TO HOUSE

Agreed limitations including the reasons (see Regulation 653.2)

IN TESTING

Agreed with

Operational limitations including the reasons (see page number)

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 2018. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to inspection. An inspection should be made within accessible roof space housing other electrical equipment.

E) SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of Electrical safety)

SATISFACTORY

Overall assessment of the installation

SATISFACTORY / UNSATISFACTORY*
(Delete as appropriate)

*An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified.

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

Page 1 of 1

RECOMMENDATIONS

Where the overall assessment of suitability of the installation for continued use is stated as **UNSATISFACTORY**, I / we recommend that an observations classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further investigation required' (code F1). Observations classified as 'Improvement recommended' (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 tested by **25-3-21** (date)

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 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 and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations in Section D of this report.

INSPECTED AND TESTED BY:

Name (Capitals) **D-S MAPIETON**
 Signature **D-S MAPIETON**
 For/on behalf of
 Position **INSPECTOR**
 Address **87 BRENN BURN Hey MS
 12028 LS4 3DB**
 Date **25-3-21**

REPORT AUTHORISED FOR ISSUE BY:

Name (Capitals)
 Signature
 For/on behalf of
 Position
 Address
 Date

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.

I) SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Tick boxes and enter details, as appropriate

Earthing Arrangements	Number and Type of Live Conductors	Nature of Supply Parameters	Supply Protective Device
TN-C <input type="checkbox"/>	AC <input checked="" type="checkbox"/> DC <input type="checkbox"/>	Nominal voltage: U / U_0 (1) 230 V	BS (EN) BS61
TN-S <input type="checkbox"/>	1-phase (2 wire) <input checked="" type="checkbox"/> 2-wire <input type="checkbox"/>	Nominal frequency: f (1) 50 Hz	Type B
TN-C-S <input checked="" type="checkbox"/>	2-phase (3 wire) <input type="checkbox"/> 3-wire <input type="checkbox"/>	Prospective fault current: I_p (2) 1.21 kA	Rated current 100 A
TT <input type="checkbox"/>	3-phase (3 wire) <input type="checkbox"/> Other <input type="checkbox"/>	External loop impedance: Z_e (2) 0.11 Ω	
IT <input type="checkbox"/>	3-phase (4 wire) <input type="checkbox"/>	Notes: (1) by enquiry (2) by enquiry or by measurement	
Other sources of supply (as detailed on attached schedule) <input type="checkbox"/>	Confirmation of supply polarity <input type="checkbox"/>		

Please see the 'Guidance for Recipients on the Classification codes' on the reverse of this page

Page 2 of

ARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Tick boxes and enter details, as appropriate

Means of Earthing

Distributor's facility

Details of Installation Earth Electrode (where applicable)

Installation earth electrode

Type: _____

Location: _____

Resistance to earth: _____ Ω

Main Protective Conductors

Earthing conductor

Conductor material

Copper

Conductor size

16

mm²

Continuity/ connection verified

(✓)

Wire installation paper

Lightning Protection

GI installation paper

Structural Steel

GI installation paper

Other (specify)

Main protective bonding conductors (to extraneous-conductors)

Conductor material

Copper

Conductor size

10

mm²

Continuity/ connection verified

(✓)

Main Switch / Switch-Fuse / Circuit Breaker / RCD

Location

UNDER STAIRS

Current rating

100

A

Rated residual operating current (I_{Δn})

_____ mA

BS (EN)

60439-3

Fuse / device rating or setting

100

A

Rated time delay

_____ ms

No of poles

2

Voltage rating

230

V

Measured operating time

_____ ms

If RCD main switch

K) OBSERVATIONS

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

No remedial action is required

The following observations are made (see below):

OBSERVATION(S) Include schedule reference, appropriate

Classification Code

CONSUMER UNIT NEEDS UPGRADING TO 18.4 EDITCH OUTSIDE LIGHT ON A 32A FUSE, FUSE RATING VS TO UNIT

C3

C3

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 required'

Code FI 'Further investigation required without delay'

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

CONDITION REPORT INSPECTION SCHEDULE

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

ITEM NO	DESCRIPTION	Acceptable condition	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further investigation	FI	Not verified	N/V	Limitation LIM	Not applicable	N/A
		✓											
1.0 Extrenal condition of intake equipment (visual inspection only)													
1.1	Service cable	✓											
1.2	Service head	✓											
1.3	Earthing arrangement(s)	✓											
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)												NA
3.0 Earthing and bonding arrangements (411.3; Chapter 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)	✓											
3.3	Provision of earthing/bonding labels at all appropriate locations(514.13.1)	✓											
3.4	Confirmation of adequate earthing conductor size (542.3; 543.1.1)	✓											
3.5	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET) (543.3.2)	✓											
3.6	Confirmation of adequate 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 conductor connections (543.3.1; 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 circuits and protective devices (514.8.1; 514.9.1)	✓											
4.10	Presence of RCD six-monthly 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)	✓											
4.13	Presence of other required labelling (please specify) (Section 514)	✓											
4.14	Compatibility of protective device(s), base(s) and other components; 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 (411.4.204; 411.5.2; 531.2)	✓											
4.19	RCD(s) provided for additional protection/requirements - Includes RCBOs (411.3.3; 415.1)	✓											
4.20	Confirmation of indication that SPD is functional (651.4)	✓											
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)	✓											

COMES	Acceptable condition	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further investigation	FI	Not verified	N/V	Limitation LIM	Not applicable	N/A
	✓											

ITEM NO	DESCRIPTION	OUTCOME <small>(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)</small>
5.0 Final circuits		
5.1	Identification of conductors (514.3.1)	✓
5.2	Cables correctly supported throughout their run (521.10.202; 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	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	✓
5.7	Adequacy of protective devices; type and rated current for fault protection (411.3)	✓
5.8	Presence and adequacy of circuit protective conductors (411.3.1; 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. <i>Extent and limitations</i>) (522.6.202)	✓
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. <i>Extent and limitations</i>) (522.6.204)	✓
5.12	Provision of additional requirements for protection by RCD not exceeding 30mA	
	• For all socket-outlets of rating 32A or less, unless an exception is permitted (411.3.3)	NA
	• For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3)	NA
	• For cables concealed in walls at a depth of less than 50mm (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)	NA
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 (<i>extent of sampling indicated in Section D of the report</i>) (Section 526)	
	• Connections soundly made and under no undue strain (526.6)	✓
	• No basic insulation of a conductor visible outside an enclosure (526.8)	✓
	• Connections of live conductors adequately enclosed (526.5)	✓
	• Adequacy of connection at point of entry to enclosure (<i>gland, bush or similar</i>) (522.8.5)	✓
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	✓
5.19	Suitability of 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 all low voltage (LV) circuits by RCD not exceeding 30mA (704.411.3.3)	NA
6.2	Where used as a protective measure, requirements for SELV or PELV met (704.414.4.5)	NA
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	NA
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671 : 2018 (701.415.2)	✓
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	NA
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	✓
6.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	✓
6.8	Suitability of current-using equipment for particular zone (701.55)	✓
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)	✓

INSPECTION BY:

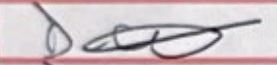
Name (CAPITALS) D. SUDHIGUN Signature [Signature] Date 25.3.21



SCHEDULE OF TEST RESULTS

DB reference no: 60479-3	Details of circuits and/or installed equipment vulnerable to damage when testing	Details of test instruments used (state serial and/or asset numbers)
Location WATER STAIRS		Continuity 10200818
Z _s at DB (Ω) 0.11		Insulation resistance "
I _{pf} at DB (kA) 1.71		Earth fault loop impedance "
Correct supply polarity confirmed <input checked="" type="checkbox"/>		RCD "
Phase sequence confirmed (where appropriate) <input checked="" type="checkbox"/>		Earth electrode resistance W

TESTED BY:

Signature:  Date: **25-3-21**

Name (CAPITALS): **D SPENCE**

Test Results

Circuit number	Circuit Description	Protective Device						Conductor Details		Ring final circuit continuity (Ω)			Continuity (Ω) (R ₁ + R ₂ or R _z)		Insulation Resistance Test Voltage V	Insulation Resistance (MΩ)		Polarity	Z _s (Ω)	RCD	AFDD	Remarks (continue on a separate sheet if necessary)		
		BS (EN)	type	rating (A)	breaking capacity (kA)	RCD I _{Δn} (mA)	Maximum permitted Z _s (Ω*)	Reference Method	Live (mm ²)	cpc (mm ²)	r ₁ (line)	r _n (neutral)	r ₂ (cpc)	(R ₁ + R ₂)		R _z	Live - Live						Live - Earth	Maximum measured
1	Ring main to store	U	B	40	6	30	0.98	4	10	0.11	—	—	—	0.31	—	230	200	200	✓	0.48	35	✓	—	
2	Busbar	U																						
3	Storage heaters	U	B	10	6	30	6.98	4	1.5	1.0	—	—	0.65	—	230	200	200	✓	0.66	35	✓	—		
4	Sockets 1/F	U	B	32	6	30	1.15	4	2.5	1.7	0.24	0.24	0.48	—	230	200	200	✓	0.73	35	✓	—		
5	Lights 1/F	U	B	16	6	30	6.76	4	1.5	1.0	—	—	1.25	—	230	200	200	✓	1.21	35	✓	—		
6	OUTSIDE LIGHT	U	B	32	6	30	1.15	4	1.5	1.0	—	—	1.15	—	230	200	200	✓	1.26	33	✓	—		
7	COOLING	U	B	32	6	30	1.15	4	6	2.5	—	—	0.65	—	230	200	200	✓	0.5	33	✓	—		
8	Sockets 9/F	U	B	32	6	30	1.15	4	2.5	1.8	0.29	0.28	0.57	0.39	—	230	200	200	✓	0.59	33	✓	—	
9	LIGHT 9/F	U	B	10	6	30	6.76	4	1.5	1.0	—	—	1.14	—	230	200	200	✓	1.33	33	✓	—		
10	AVENUE	U	B	10	6	30	6.76	4	1.5	1.0	—	—	0.74	—	230	200	200	✓	0.69	33	✓	—		

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 this Standard, place of the data in the appropriate cell for the circuit in the 'Remarks' column (column 25) of the schedule.