

ELECTRICAL INSTALLATION CONDITION REPORT

Cert No. 25

COMPANY / INSTALLER	DETAILS OF INSTALLATION	LANDLORD/AGENT DETAILS
Engineer	Name	Name
Company	Address	Address
Address	Postcode	Postcode
Tel No.	Mobile	Mobile
Email	Email	Email
Electrical Reg. No		

Signature

REASONS FOR PRODUCING THIS REPORT
clients request

DETAILS OF THE INSTALLATION WHICH THE SUBJECT OF THIS REPORT

Occupier	Owner	Address
Description of premises: Domestic <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> N/A <input type="checkbox"/> Industrial <input type="checkbox"/> N/A <input type="checkbox"/> Other <input type="checkbox"/>		
Estimated age of the wiring system (years)	25	Evidence of additions or alterations: N/A <input type="checkbox"/> Not apparent <input type="checkbox"/> N/A <input type="checkbox"/> If yes, estimated age 25
		Installation records available No <input type="checkbox"/> Date of last inspection 31/10/2024

EXTENT OF THE ELECTRICAL INSTALLATION COVERED BY THIS REPORT

Extent of the electrical installation covered by this report	25% of fixed wire installation and 20% visual inspection of accessories.
Agreed limitations including the reasons (see regulations 653.2)	installation does complies with regulations
Limitations agreed with	Client
Position (if applicable)	Electrician

SUMMARY OF THE CONDITION OF THE INSTALLATION

General conditions of the installation	Does Complies with bs7671
Overall Assessment of the Installation	Satisfactory Alternative Source of Supply <input type="checkbox"/>

F. RECOMMENDATIONS

Where overall assessment of the suitability of the installation for continued use on page 1 is stated as UNSATISFACTORY, I/we recommend that any observations classified as 'Danger present' (CODE C1) OR 'Potentially dangerous' (Code C2) are acted upon as a matter of urgent investigation without delay. For observations identified as 'Requiring further investigation' or 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
31/10/2029

G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signature(s) 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 observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section D of this report

Inspected and Tested By	Report authorised for issue by
Signature	Address
Position Electrician	Name
	Signature
	Enrolment No.

H. DECLARATION

The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

Schedule(s) of inspection ✓

Schedule(s) of test results attached ✓

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements		Number and Type of Live Conductors		Nature of Supply Parameters		Supply Protective Device			
TN-S N/A	TN-C-S N/A	TT ✓	1-Phase (2 Wire) ✓	2-Phase (3 Wire) N/A	U/Uo 230 V	Nominal Voltage(s):	BS(EN): BS 88		
IT N/A	TN-C N/A		3-Phase (3 Wire) N/A	3-Phase (4 Wire) N/A			Type Ac		
			a.c. N/A	d.c. N/A			Rated Current 60 A		
			2 wire N/A	3 wire N/A			Short circuit capacity 16 kA		
			Confirmation of supply polarity: ✓				Confirmation of supply polarity ✓		
				Nominal frequency f 50 Hz Prospective fault current, Ipf External earth fault loop impedance, Ze 30.2 Ω Number of supplies 2					
Earthing conductor		Main protective bonding conductor		Main Bonding		Supply Protective Device		Main switch/switch-fuse/circuit breaker/rcd	
Conductor Material	Copper	Conductor Material	Copper	Water installation pipes	✓	Type BS (EN)	60947-3 Isolator	Supply Conductor CSA	
Conductor CSA	10	Conductor CSA	10	Gas installation pipes	N/A	No. Poles	2	RCD I _{Δn} operating current	
Continuity Check	✓	Continuity Check	✓	Oil installation pipes	✗	Voltage rating	230	RCD at I _{Δn} operating time	
Confirmation of supply polarity	✓	Confirmation of supply polarity	✓	Structural Steel	N/A	Rated Current in	N/A		
				Other Services (list in report notes)		Supply Conductor material	Copper		

K. OBSERVATIONS

Item No	Observation	Classification Code
1	cables concealed due to floorboards up	C3
2	consumer to near waste pipe	C2
3	bathroom downlight no correct ipx4 permitted	C2
4	socket on fault high reading line to cpc	C2
5	cpc on ring no reading from db1	C2
6	reading high on ir sockets	C2
6		
7		
8		
9		
10		

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
Immediate remedial action required for items	0		
Urgent remedial action for required items	5		
Improvement recommended for items	1		
Further investigation required for items	0		

DISTRIBUTION BOARD DETAILS FOR

DB Ref:	Db1	Zs at this board (Ω):	0.45	Ipf at this board (kA)	67	Main switch type BSEN	Bs88	Rating (amps)	100	Supply (mm²)	25	Earth (mm²)	25
Distribution board location	Entrance	Phase sequence confirmed	1.0	Supplied from	Main Board	No. Of Phases	Single	Supply protective device type (BSEN)	BS88 Fuse HRC - Type gG	Rating	60	SPD details	T1

CIRCUIT DETAILS

Circuit Reference	Circuit Designation	Type of wiring	Reference method	Circuit conductors			Overcurrent Protective Device				RCD		Continuity Ω				Insulation Resistance				RCD		AFDD											
				Number of points served	Live (mm²)	opc (mm²)	Max disconnection time	Type BS (EN)	Type	Short circuit capacity	Rating (A)	Max permitted Zs(Ω)	Type BS (EN)	Type	I _{on} (mA)	Rating (A)	Ring final circuits only		All circuits		Insulation resistance test voltage V		Live - Live	Live - Neutral	Live - Earth	Neutral - Earth	Polarity	Maximum measured Zs (Ω)	Disconnection time (ms)	RCD test button/functionality	Manual AFD test button/functionality			
Lights	Sockets	B	B	6	1.5	1.0	0.4	BS 60898	B	6	6	7.36	N/A	A	18.6	60	r ₁	r _n	r ₂	R ₁ , R ₂	R ₂			500	999	999	999		✓	7.34	0.4	N/A		
Cooker	Cooker	B	C	2	6.0	2.5	0.4	BS 60898	B	6	32	1.36	61008	A	12.4	32									500	999	999	999		✓	1.36	0.4	Fail	
Shower	Bathroom Shower	B	C	2	6.0	6.0	0.4	BS 60898	B	6	32	1.36	N/A	A	16.4	60									500	999	999	999	999	✓	1.36	15.4	Fail	
Light	Lights	A	101	3	1.5	1.0	0.4	BS 60898	B	6	6	5.34	61008	AC	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A			500	N/A	999	999	767	✓	1.76	16.4	Fail	N/A
Ring	Radial Circuit	A	101	7	2.5	1.5	0.4	BS 61009	B	6	16	2.18	61008	AC	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A			500	N/A	421	999	879	✓	2.34	45.3	Pass	N/A

TEST INSTRUMENTS USED

Earth fault loop impedance	125684	RCD	N/A
Insulation resistance	N/A	MFT	N/A
Continuity	N/A	Other	N/A
Name	Shocked electrical	Date	19/11/2024

Signature 

Item No.	Description	Outcome	Item No.	Description	Outcome
1.0	Condition and adequacy of distributors or supply intake		5.0	Final Circuits	
1.1	Condition of service cable	✓	5.1	Identification of conductors (514.3.1)	✓
1.2	Condition of service head	✓	5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	✓
1.3	Condition of distributor's earthing arrangement	C1	5.3	Condition of the insulation of live parts (416.1)	✓
1.4	Condition of meter tails - Distributor/consumer	✓	5.4	Non-sheathed cables protected by enclosure in conduit, ducting, trunking (521.10.1)	C3
1.5	Condition of isolator (where present)	C3	5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓
2.0	Presence of adequate arrangements for the other sources such as micro generators	C2	5.6	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	C3
3.0	Earthing and bonding arrangements (411.3 Chapter 54)		5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.2.2)	C1	5.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	✓
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	C2	5.9	Wiring system(s) appropriate for the type of nature of the installation and external influences (section 522)	✓
3.3	Provision of earthing or bonding labels at all appropriate locations (514.13)	C3	5.10	Concealed cables installed in prescribed zones - see section D of this report (522.6.202)	✓
3.4	Adequacy of earthing conductor size (542.3, 543.1.1)	✓	5.11	Concealed cables under floors, above ceilings or in walls/partitions, adequately protected against damage (522.6.204)	C2
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	✓	5.12	Provision of additional requirements for protection by RCD not exceeding 30 mA	
3.6	Adequacy of main protective bonding conductor sizes (544.1)	C2	*	For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)	C2
3.7	Adequacy of main protective bonding conductor connections (544.1.2, 543.3.2)	C2	*	For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	C3
3.8	Accessibility and condition of the other protective bonding connections (543.3.1; 543.3.2)	C3	*	For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)	LIM
4.0	Consumer unit or distribution board		*	For cables concealed in walls/partitions containing metals parts regardless of depth (522.6.203)	✓
4.1	Adequacy of working space or accessibility to the consumer unit or distribution board (132.12, 513.1)	C3	*	Final circuits supplying luminaries within domestic (household) premises (411.3.4)	C2
4.2	Security of fixing (134.1.1)	C3	5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	C2
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	C2	5.14	Band II cables segregated or separated from Band I cables (528.1)	C2
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	C2	5.15	Cables segregated or separated from communication cabling (528.2)	C2
4.5	Enclosure not damaged or deteriorated so as to impair safety (651.2)	C2	5.16	Cables segregated or separated from non-electrical services (528.3)	C2
4.6	Presence of linked main switch (as required by 462.1.201)	✓	5.17	Termination of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526)	
4.7	Operation of main switch (functional check) (643.10)	C3	*	Connections under no undue strain (526.6)	C2
4.8	Manual operation of circuit breakers and RCDs to prove disconnection (643.10)	✓	*	No basic insulation of a conductor visible outside of the enclosure (526.8)	C2
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	✓	*	Connections of live conductors adequately enclosed (526.5)	✓
4.10	Presence of RCD six-monthly test notice, where required (514.12.2)	C3	*	Adequately connected at the point of entry to enclosure (glands, bushes etc) (522.8.5)	✓
4.11	Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15)	✓	5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	✓
4.12	Presence of other required labelling (please specify) (section 514)	C3	5.19	Suitability of accessories for external influences (section 512.2)	✓

Item No.	Description	Outcome	Item No.	Description	Outcome
4.13.	Compatibility of protective devices, bases 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)	C2	5.20.	Adequacy of working space/accessibility to equipment (132.12; 513.1)	LIM
4.14.	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	✓	5.21.	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.2)	✓
4.15.	Protection against mechanical damage where cables enter consumer unit/distribution board (522.8.1; 522.8.5; 522.8.11)	C2	Item No. Description Outcome		
4.16.	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	C2	6.0	Location(s) containing a bath or shower	
4.17.	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)	✓	6.1.	Additional protection for all circuits by a 30mA RCD (not applicable if designed pre BS7671) (701.411.3.3)	✓
4.18.	RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3; 415.1)	C2	6.2.	Where used as a protective measure, the requirements for SELV or PELV have been met (701.414.4.5)	C2
4.19.	Confirmation of indication that SPD is functional (651.4)	C3	6.3.	Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	✗
4.20.	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✓	6.4.	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	✓
4.21.	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	✓	6.5.	Low voltage (e.g. 230V) socket-outlets sited at least 2.5m from zone 1 (701.512.3)	C2
4.22.	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	✓	6.6.	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	C2
			6.7.	Suitability of equipment for installation in 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.	C2
			8.0	Prosumer's low voltage electrical installation(s)	
			8.1.	Where the installation includes additional requirements and recommendations relating to Chapter 82, additional inspection items should be added to the checklist	N/A

List all other special installations or locations in present, if any. Details of circuits and/or installed equipment vulnerable to damage when testing and/or remarks

all works stated will have to comply with bs7671-2024 and eaw.
special note this had failed amd will need completed asap.

Remedial works completed

✓