

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Small installations up to 100 A single phase supply

Issued in accordance with BS 7671: 2018 – Requirements for Electrical Installations

3704 / 8134 DPM18

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR	DETAILS OF THE CLIENT	DETAILS OF THE INSTALLATION
Trading Title: ABOUT ELECTRICAL CONTRACTORS	Contractor Reference Number (CRN): N/A	Occupier: MR NEIL HAINES
Address: 25 SAXBY GROVE, BLACKPOOL LANCS	Name: MOVE HOMES LTD	Address: FLAT 1, 112 READS AVE, BLACKPOOL
Postcode: FY4 4LA	Address: 21 CAUNCE ST, BLACKPOOL	Postcode: FY14 5JT
Tel No: 07793 372680	Postcode: FY1 3LA	Tel No: 01253 928200
	Tel No: 01253 928200	Tel No: 07391 507585

PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required: **LANDLORD SAFETY REPORT**

Date(s) when inspection and testing was carried out: **17/09/22** Records available: **(NO)** Previous inspection report available: **(YES)** Previous report date: **19/05/21**

PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety): **GENERALLY FAIR CONDITION**

Estimated age of electrical installation: **(25)** years Evidence of additions or alterations: **(NO)** Overall assessment of the installation: **Satisfactory/Unsatisfactory*** (delete as appropriate)

PART 4 : DECLARATION

INSPECTION AND TESTING

I, being the person responsible for the inspection and testing of the electrical installation, particulars of which are described in PART 7, having exercised reasonable skill and care when carrying out the inspection and testing of the existing installation, hereby CERTIFY that the information in this report, including the observations (page 2) 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 on the inspection and testing.

Name (capital(s)): **C. DRUMMOND** Signature:  Date: **17/09/22**

REVIEWED BY Name (capital(s)): **C. DRUMMOND** Signature:  Date: **17/09/22**

*An unsatisfactory assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified in PART 6, or that Further Investigation (CODE F1) without delay is required.

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PART 7 : DETAILS AND LIMITATIONS ON THE INSPECTION AND TESTING

The inspection and testing has been carried out in accordance with BS 7671: 2018, 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 unless specifically agreed between the Client and the Inspector prior to inspection.

Details of the installation covered by this report: **1 BED FLAT POWER AND LIGHTING** (see additional page No.)

Agreed limitations including the reasons, if any, on the inspection and testing: **CONCEALED WIRING IN CEILING VOIDS/ UNDER FLOORS** (see additional page No.)

Extent of sampling (inspection only): **30 %** (see additional page No.)

PART 8 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements		Number and type of live conductors		Nature of supply parameters	
TN-C-S: (.....) <input checked="" type="checkbox"/>	TN-S: (.....) <input checked="" type="checkbox"/>	AG	1-phase, 2-wire: (.....) <input checked="" type="checkbox"/>	Nominal line voltage to Earth, U_0 :	(230) V ⁽¹⁾ By enquiry, measurement, or by calculation
Other (state):	TT: (.....) <input type="checkbox"/>			Nominal frequency, f :	(50) Hz
Supply protective device		Confirmation of supply polarity:		Prospective fault current, I_{pf} ^{(1)*} :	(1.4) kA
(BS EN) 1361		Other sources of supply (as detailed on attached schedule) Page No: (N/A) <input checked="" type="checkbox"/>		External loop impedance, Z_g ^{(1)*} :	(0.18) Ω
Type: (.....) ITb					
	Rated current: (80) A				

PART 9 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

Means of Earthing		Main protective conductors		Main protective bonding connections		Main switch / Switch-fuse / Circuit-breaker / RCD	
Distributor's facility: (.....) <input checked="" type="checkbox"/>	Earthing conductor: (N/A)	Water installation pipes: (.....) <input checked="" type="checkbox"/>	Gas installation pipes: (.....) <input checked="" type="checkbox"/>	Type: (BS EN) 60947-3	Location: (KITCHEN CUPBOARD)	No. of poles: (2)	Current rating: (200) A
Installation earth electrode: (N/A)	(material) COPPER csa 16 mm ²	Structural steel: (.....) <input type="checkbox"/>	Oil installation pipes: (.....) <input type="checkbox"/>	Lightning protection: (.....) <input type="checkbox"/>	Other (state):	Rating / setting of device: (N/A) A	Voltage rating: (230) V
Where an earth electrode is used insert	Connection / continuity verified: (.....) <input checked="" type="checkbox"/>	Lightning protection: (.....) <input type="checkbox"/>	Other (state):	Where an RCD is used as the main switch			
Type – rods(s), tape, etc: (.....) N/A	Main protective bonding conductors: (material) COPPER csa 10 mm ²			RCD rated residual operating current, $I_{\Delta n}$:	(N/A) mA		
Location: (.....) N/A	Connection / continuity verified: (.....) <input checked="" type="checkbox"/>			Measured operating time: (N/A) ms	Rated time delay: (N/A) ms		
Electrode resistance to Earth: (.....) Ω							

*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf} , and external earth fault loop impedance, Z_g , must be recorded.

All fields must be completed. Enter either, as appropriate: '✓' if Acceptable condition; 'N/A' if Not applicable; 'LIM' if a Limitation exists; or Code appropriately – CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)

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PART 10 : SCHEDULE OF ITEMS INSPECTED

1. External condition of intake equipment (visual inspection only) (If inadequacies are identified with the intake equipment, it is recommended the person ordering the report informs the appropriate authority)		4. Consumer unit(s) / Distribution board(s)		5. Distribution / final circuits	
1.1 Service cable:	(...✓...)	4.1 Adequacy of working space / accessibility to consumer unit / distribution board:	(C3)	5.1 Identification of conductors:	(...✓...)
1.2 Service head:	(...✓...)	4.2 Security of fixing:	(...✓...)	5.2 Cables correctly supported throughout:	(...✓...)
1.3 Earthing arrangement:	(...✓...)	4.3 Condition of enclosure(s) in terms of IP rating:	(...✓...)	5.3 Condition of insulation of live parts:	(...✓...)
1.4 Meter tails:	(...✓...)	4.4 Condition of enclosure(s) in terms of fire rating:	(C3)	5.4 Non-sheathed live conductors protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems):	(N/A)
a) Cutout fuse to meter	(...✓...)	4.5 Enclosure not damaged / deteriorated so as to impair safety:	(...✓...)	5.5 Adequacy of cables for current-carrying capacity with regard to the type and nature of installation:	(...✓...)
b) Meter to consumer unit	(...✓...)	4.6 Presence of linked main switch:	(...✓...)	5.6 Adequacy of protective devices; type and rated current for fault protection:	(...✓...)
1.5 Metering equipment:	(...✓...)	4.7 Operation of main switch(es) (functional check):	(...✓...)	5.7 Presence and adequacy of circuit protective conductors:	(...✓...)
1.6 Isolator (where present):	(...✓...)	4.8 Main switch capable of being secured in the OFF position:	(...✓...)	5.8 Co-ordination between conductors and overload protection devices:	(...✓...)
2. Presence of adequate arrangements for other sources		4.9 Operation of circuit-breakers and RCDs to prove disconnection (functional check):	(...✓...)	5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences:	(...✓...)
2.1 Adequate arrangements where a generating set operates as a switched alternative to the public supply:	(N/A)	4.10 Correct identification of circuits and protective devices:	(...✓...)	5.10 Cables adequately protected against mechanical damage and abrasion:	(...✓...)
2.2 Adequate arrangements where generating set operates in parallel with the public supply:	(N/A)	4.11 Presence of appropriate circuit charts, warning and other notices:	(...✓...)	5.11 Provision of additional protection by 30 mA RCD (see Note):	(...✓...)
2.3 Presence of alternative / additional supply warning notices:	(N/A)	a) Provision of circuit charts/schedules or equivalent forms of information	(...✓...)	a) For all socket-outlets with a rated current not exceeding 32 A	(...✓...)
3. Earthing and bonding arrangements		b) Warning notice of method of isolation where live parts not capable of being isolated by a single device	(N/A)	b) For mobile equipment not exceeding a rating of 32 A for use outdoors	(...✓...)
3.1 Presence and condition of distributor's earthing arrangement:	(...✓...)	c) Periodic inspection and testing notice	(C3)	c) For cables concealed in walls / partitions at a depth of less than 50 mm	(C3)
3.2 Presence and condition of earth electrode connection, where appropriate:	(N/A)	d) Presence of RCD six-monthly notice, where required	(C3)		
3.3 Confirmation of adequate earthing conductor size:	(...✓...)	e) Warning notice of non-standard (mixed) colours of conductors present	(C3)		
3.4 Accessibility and condition of earthing conductor at Main Earthing Terminal (MET):	(...✓...)	f) All other required labelling provided	(N/A)		
3.5 Confirmation of adequate main protective bonding conductor sizes:	(...✓...)	4.12 Compatibility of protective device(s), base(s) and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating):	(...✓...)		
3.6 Accessibility and condition of main protective bonding conductor connections:	(...✓...)	4.13 Single-pole switching or protective devices in the line conductor(s) only:	(...✓...)		
3.7 Accessibility and condition of other protective bonding connections:	(N/A)	4.14 Protection against mechanical damage where cables enter consumer unit / distribution board:	(...✓...)		
3.8 Provision of earthing and bonding labels at all appropriate locations:	(...✓...)				

All fields must be completed. Enter either, as appropriate: '✓' if Acceptable condition; 'N/A' if Not applicable; 'LIM' if a Limitation exists;

or Code appropriately – CODE 'C1', 'C2', 'C3' or 'F1' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)

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PART 12 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: **N/A**

Circuit number	Circuit description <small>* Where this consumer unit is remote from the origin of the installation, record details of the circuit supplying this consumer unit on the first line.</small>	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (s)	Protective device			RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device** (Ω)	Circuit impedances (Ω)			Insulation resistance		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	RCD Test buttons	AFDD	
					Live (mm ²)	CPC (mm ²)		BS (EN)	Type	Rating (A)			Short-circuit capacity (kA)	Ring final circuits only (measured end to end)	All circuits (complete at least one column)	Live / Live (MΩ)	Live / Earth (MΩ)						Test voltage DC (V)
1	LIGHTS	A	C	8	1.5	1	0.4	60898	B	6	6	N/A	7.66	N/A	N/A	N/A	✓	0.96	N/A	N/A	N/A	N/A	
2																							
3																							
4																							
5	COOKER	A	C	2	6	2.5	0.4	60898	B	32	6	30	1.43	N/A	N/A	0.19	✓	0.35	21	✓	N/A	N/A	
6	SOCKETS	A	C	5	2.5	1.5	0.4	60898	B	32	6	30	1.43	0.23	0.34	0.24	✓	0.40	21	✓	N/A	N/A	
7	KITCHEN SOCKETS	A	C	6	2.5	1.5	0.4	60898	B	32	6	30	1.43	0.20	0.21	0.34	0.16	✓	0.32	21	✓	N/A	N/A

Location of consumer unit: **KITCHEN CUPBOARD** Designation: **PB1** Prospective fault current at consumer unit (where applicable): (.....) kA

TESTED BY Name (capital): **C. DRUMMOND** Position: **ELECTRICIAN** Signature:  Date: **17/09/22**

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: **051-0742** Continuity: Insulation resistance: Earth fault loop impedance: Earth electrode resistance: RCD: