

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

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Trading Title: **ABOIT ELECTRICAL CONTRACTORS**
 Address: **25 SAXBY GROVE, BLACKPOOL, LANCs**
 Postcode: **FY4 4LA** Tel No: **07793 372680**

DETAILS OF THE CLIENT

Contractor Reference Number (CRN):
 Name: **MOVE HOMES LTD**
 Address: **21 CAUNCE STREET, BLACKPOOL**
 Postcode: **FY1 3LA** Tel No: **01253 982200**

DETAILS OF THE INSTALLATION

Occupier: **EMPTY**
 Address: **FLAT 2.9 BYRON STREET FLEETWOOD**
 Postcode: **FY7 6RD** Tel No: **N/A**

PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required:
CHANGE OF TENANCY

Date(s) when inspection and testing was carried out: (**24/04/22**) Records available: (**NO**) Previous inspection report available: (**NO**) Previous report date: (**N/A**)

PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATION

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

Estimated age of electrical installation: (**20**) years Evidence of additions or alterations: (**YES**) 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, provide 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: **24/04/22**

Reviewed by Name (capital(s)): **C. DRUMMOND** Signature:  Date: **24/04/22**

*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 5 : NEXT INSPECTION

I/We (as indicated on page 1) recommend that subject to the necessary remedial work being taken, this installation should be further inspected and tested after an interval of not more than 5 years/months* (delete as appropriate)
 Give reason for recommendation:

PART 6 : OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

CODES: One of the following Codes, as appropriate, has been allocated to each of the observations made below to indicate to the person(s) responsible for the electrical installation the degree of urgency for remedial action

CODE C1 'Danger Present'	CODE C2 'Potentially Dangerous'	CODE C3 'Improvement Recommended'	CODE F1 'Further Investigation Required'
Risk of injury, immediate remedial action required	Urgent remedial action required		

Referring to the Schedule of Items Inspected (see PART 10), the attached Schedule of Circuit Details and Test Results (see PART 12), and subject to any agreed limitations listed in PART 7:

There are no items adversely affecting electrical safety (.....), OR The following observations and recommendations for action are made:

Item No Observations(s) Code Location Reference

- (1.) PERIODIC INSPECTION NOTICE NOT PRESENT (C3) (DB)
- (2.) RCD SIX MONTHLY NOTICE NOT PRESENT (C3) (DB)
- (3.) MIXED COLOUR LABEL NOT PRESENT (C3) (DB)
- (4.) SINGLE SOCKET IN BACK BEDROOM NOT WORKING (C3) (BEDROOM 2)

Additional pages? (.....) State page numbers: (.....)

Immediate action required for items: (.....)

Urgent remedial action required for items: (.....)

Improvement recommended for items: (1, 2, 3, 4)

Further investigation required for items: (.....)

*The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life.
 The period should be agreed between relevant parties.

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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: **ALL CIRCUITS AND OUTLETS**

Agreed limitations including the reasons, if any, on the inspection and testing: (see additional page No.)

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

Operational limitations including the reasons: **N/A** (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: (.....)	TN-S: (<input checked="" type="checkbox"/>)	TT: (.....)	AC	Nominal line voltage to Earth, U_0 :	(230) V ^{(1) By enquiry, measurement, or by calculation}
Other (state):			1-phase, 2-wire: (<input checked="" type="checkbox"/>)	Nominal frequency, f :	(50) Hz
Supply protective device		Other (state):		Prospective fault current, $I_{pf}^{(1)*}$:	(1.7) kA
(BS EN) 88		Confirmation of supply polarity:		External loop impedance, $Z_e^{(1)*}$:	(0.15) Ω
Type: (.....) N/A		Other sources of supply (as detailed on attached schedule)			
		Rated current: (60) 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: (<input checked="" type="checkbox"/>)	Water installation pipes: (<input checked="" type="checkbox"/>)	Gas installation pipes: (<input checked="" type="checkbox"/>)	Type: (BS EN) 60947-3	Location: (HALLWAY)	No. of poles: (2)	Rating / setting of device: (N/A) A
Installation earth electrode: (N/A)	(material) COPPER csa (.....) mm ²	Structural steel: (.....)	Oil installation pipes: (.....)	Current rating: (100) A	Lightning protection: (.....)	Other (state):	Voltage rating: (230) V
Where an earth electrode is used insert	Connection / continuity verified: (.....)	Lightning protection: (.....)	Other (state):	Where an RCD is used as the main switch			Rated time delay: (N/A) ms
Type – rod(s), tape, etc: (.....)	Main protective bonding conductors: (material) COPPER csa (16) mm ²			RCD rated residual operating current, $I_{\Delta n}$: (N/A) mA			
Location: (.....)	Connection / continuity verified: (<input checked="" type="checkbox"/>)			Measured operating time: (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_e , 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 **F1** (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:	(✓)	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:	(✓)	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	(✓)
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	(✓)		
3.5 Confirmation of adequate main protective bonding conductor sizes:	(✓)	4.12 Compatibility of protective device(s), bases(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 conductors 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 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)

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<p>d) For cables concealed in walls / partitions containing metal parts regardless of depth</p> <p>e) For all AC final circuits supplying luminaires</p>	<p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p>
<p>5.12 Provision of fire barriers, sealing arrangements and protection against thermal effects:</p> <p>5.13 Band II cables segregated / separated from Band I cables:</p> <p>5.14 Cables segregated / separated from communications cabling:</p> <p>5.15 Cables segregated / separated from non-electrical services:</p> <p>5.16 Termination of cables at enclosures (extent of sampling indicated in PART 7 of the report):</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>
<p>6.1 In general:</p> <p>a) Presence and condition of appropriate devices</p> <p>b) Correct operation verified</p>	<p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p>
<p>6.2 For isolation and switching for mechanical maintenance only:</p> <p>a) Capable of being secured in the OFF position, where appropriate</p>	<p>(...)</p>	<p>(...)</p>	<p>(...)</p>
<p>6.3 Acceptable location (local / remote)</p> <p>c) Clearly identified by position and / or durable marking(s)</p> <p>For isolation only:</p> <p>a) Warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p>
<p>7. Current-using equipment (permanently connected)</p> <p>7.1 Condition of equipment in terms of IP rating:</p> <p>7.2 Equipment does not constitute a fire hazard:</p> <p>7.3 Enclosure not damaged / deteriorated so as to impair safety:</p> <p>7.4 Suitability for the environment and external influences:</p> <p>7.5 Security of fixing:</p> <p>7.6 Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire:</p> <p>List number and location of luminaires inspected on a separate page:</p> <p>7.7 Recessed luminaires (downlighters):</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>
<p>8. Location(s) containing a bath or shower</p> <p>8.1 Additional protection by RCD not exceeding 30 mA:</p> <p>a) For low voltage circuits serving the location</p> <p>b) For low voltage circuits passing through Zone 1 and Zone 2 not serving the location</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p>
<p>8.2 Where used as a protective measure, requirements for SELV or PELV are met:</p> <p>8.3 Shaver sockets comply with BS EN 61558-2-5 (formerly BS 5539):</p> <p>8.4 Presence of supplementary bonding conductors unless not required by BS 7671: 2018:</p> <p>8.5 Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from Zone 1:</p> <p>8.6 Suitability of equipment for external influences for installed location in terms of IP rating:</p> <p>8.7 Suitability of equipment for installation in a particular zone:</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>
<p>9. Other Part 7 special installations or locations</p> <p>List of all other special installations or locations, if any, present</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>	<p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p> <p>(...)</p>
<p>Indicate if the relevant requirements of Part 7 are satisfied and append results of inspection on a separate numbered page.</p>	<p>(...)</p>	<p>(...)</p>	<p>(...)</p>

SCHEDULE OF ITEMS INSPECTED BY

Name (capital): S. DRUMMOND

Signature: 

Date: 24/04/22

PART 11 : SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections	Schedule of Circuit Details and Test Results for the installation	Additional pages, including data sheets for additional sources	Special installations or locations (indicated in item 9, above)	Continuation sheets
Page No(s): (4, 5)	Page No(s): (6)	Page No(s):	Page No(s):	Page No(s):

The pages identified are an essential part of this report (see Regulation 653.2).

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 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 (BS 7671) (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)	Test buttons			
					Live (mm ²)	CPC (mm ²)		BS (EN)	Type	Rating (A)			Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n	(CPC) r ₂	(R ₁ + R ₂)	R ₂				Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	RCD (✓)
1	SPARE																								
2	SOCKETS	A	C 13	4	2.5	0.4	60888	B	32	6	30	1.15	N/A	N/A	N/A	0.54	✓	>200	>200	250	✓	0.727	27	✓	N/A
3	LIGHTS & SMOKE ALARMS	A	C 11	1.5	1.0	0.4	60888	B	6	6	30	6.13	N/A	N/A	N/A	1.01	✓	>200	>200	250	✓	18.27	27	✓	N/A
4	SPARE																								
5	SPARE																								
6	COOKER	A	C 1	6	2.5	0.4	60888	B	32	6	30	1.15	N/A	N/A	N/A	0.59	✓	>200	>200	250	✓	0.7337	37	✓	N/A
7	SPARE																								
8	SPARE																								
9	SPARE																								
10	SPARE																								

Location of consumer unit: HALLWAY Designation: DB1 Prospective fault current at consumer unit (where applicable): 1.1 kA

TESTED BY Name (capital): C DRUMMOND Position: ELECTRICIAN Signature:  Date: 24/04/22

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: 05L-0742 Continuity: _____ Insulation resistance: _____ Earth fault loop impedance: _____ Earth electrode resistance: _____ RCD: _____