



512939

DPN18

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# 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

Registration No: 65027000 Branch No: /  
Trading Title: WOODHUEY UK LTD  
Address: 24 LANGR ROAD BISHOPSTORFLE  
YORK  
Postcode: YO13 2AL Tel No: 07717311033

#### DETAILS OF THE CLIENT

Contractor Reference Number (CRN): /  
Name: JOSEPH MOORE LTD  
Address: 132 LAWRENCE STREET  
YORK  
Postcode: YO10 3EB Tel No: /

#### DETAILS OF THE INSTALLATION

Occupier: LEANNE HULBERT.  
Address: 16 LANDSDOWNE TERRACE  
YORK  
Postcode: YO10 3EA Tel No: /

### PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required: Rented house

Date(s) when inspection and testing was carried out: 16/09/2022

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):

EARTHING AND BONDING ARE IN AN ACCEPTABLE CONDITION P.V.C TWIN AND EARTH CABLE IS IN AN ACCEPTABLE CONDITION EQUIPMENT AND ACCESSORIES ARE IN AN ACCEPTABLE CONDITION

Estimated age of electrical installation: (15...) years

Evidence of additions or alterations: (No...)

Overall assessment of the installation is: **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): Tom WELDON

Signature: [Signature]

Date: 16/09/2022

#### REVIEWED BY QUALIFIED SUPERVISOR

Name (capital): Tom WELDON

Signature: [Signature]

Date: 16/09/2022

\*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 FI) without delay is required.

This report is based on the model forms shown in Appendix 6 of BS 7671

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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: P.V.C INSTALLATION TO HOUSE

Agreed limitations including the reasons, if any, on the inspection and testing: CABLES NOT VISUALLY INSPECTED THROUGHOUT THREE FLOORS (see additional page No. ....)

Extent of sampling (inspection only): 100% VISUAL INSPECTION 25% ACCESSORIES REMOVED AND INSPECTED FULL TEST (see additional page No. ....)

Operational limitations including the reasons: NONE (see additional page No. ....)

Agreed with (print name): JOE MOORE

Original (to the person ordering the work)

### PART 8 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements  
 TN-C-S: ( ) TN-S: ( ) TT: ( )  
 Other (state):

Supply protective device  
 (BS EN) 1361  
 Type: ( ) Rated current: 16 A

Number and type of live conductors  
 AC 1-phase, 2-wire: ( )  
 Other (state): N/A

Confirmation of supply polarity: ( )  
 Other sources of supply (as detailed on attached schedule) Page No( )

Nature of supply parameters  
 Nominal line voltage to Earth,  $U_0$ : 240 V (By enquiry, measurement, or by calculation)  
 Nominal frequency,  $f$ : 50 Hz  
 Prospective fault current,  $I_{pf}^{(1)}$ : 1.93 kA  
 External loop impedance,  $Z_e^{(1)}$ : 0.12  $\Omega$

### PART 9 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

Means of Earthing  
 Distributor's facility: ( )  
 Installation earth electrode: ( )  
 Where an earth electrode is used insert Type - rod(s), tape, etc: ( )  
 Location: ( )  
 Electrode resistance to Earth: ( )  $\Omega$

Main protective conductors  
 Earthing conductor: ( )  
 (material) Copper csa 16 mm<sup>2</sup>  
 Connection / continuity verified: ( )  
 Main protective bonding conductors: ( )  
 (material) Copper csa 10 mm<sup>2</sup>  
 Connection / continuity verified: ( )

Main protective bonding connections  
 Water installation pipes: ( )  
 Gas installation pipes: ( )  
 Structural steel: ( )  
 Oil installation pipes: ( )  
 Lightning protection: ( )  
 Other (state):

Main switch / Switch-fuse / Circuit-breaker / RCD  
 Type: ( )  
 Location: CONSUMER UNIT  
 No. of poles: ( ) Rating / setting of device: ( )  
 Current rating: ( ) Voltage rating: ( )

Where an RCD is used as the main switch  
 RCD rated residual operating current,  $I_{\Delta n}$ : N/A mA  
 Measured operating time: ( ) ms Rated time delay: ( ) ms

\*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)	(.....)
1.1 Service cable:	(.....)
1.2 Service head:	(.....)
1.3 Earthing arrangement:	(.....)
1.4 Meter tails:	(.....)
a) Cutout fuse to meter	(.....)
b) Meter to consumer unit	(.....)
1.5 Metering equipment:	(.....)
1.6 Isolator (where present):	(.....)
2. Presence of adequate arrangements for other sources	(.....)
2.1 Adequate arrangements where a generating set operates as a switched alternative to the public supply:	(N/A)
2.2 Adequate arrangements where generating set operates in parallel with the public supply:	(N/A)
2.3 Presence of alternative / additional supply warning notices:	(N/A)
3. Earthing and bonding arrangements	(.....)
3.1 Presence and condition of distributor's earthing arrangement:	(.....)
3.2 Presence and condition of earth electrode connection, where appropriate:	(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 Accessibility and condition of main protective bonding conductor connections:	(.....)
3.7 Accessibility and condition of other protective bonding connections:	(.....)
3.8 Provision of earthing and bonding labels at all appropriate locations:	(.....)

4. Consumer unit(s) / Distribution board(s)	(.....)
4.1 Adequacy of working space / accessibility to consumer unit / distribution board:	(.....)
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:	(N/A)
4.5 Enclosure not damaged / deteriorated so as to impair safety:	(.....)
4.6 Presence of linked main switch:	(.....)
4.7 Operation of main switch(es) (functional check):	(.....)
4.8 Main switch capable of being secured in the OFF position:	(.....)
4.9 Operation of circuit-breakers and RCDs to prove disconnection (functional check):	(.....)
4.10 Correct identification of circuits and protective devices:	(.....)
4.11 Presence of appropriate circuit charts, warning and other notices:	(.....)
a) Provision of circuit charts/schedules or equivalent forms of information	(.....)
b) Warning notice of method of isolation where live parts not capable of being isolated by a single device	(.....)
c) Periodic inspection and testing notice	(.....)
d) Presence of RCD six-monthly notice, where required	(.....)
e) Warning notice of non-standard (mixed) colours of conductors present	(N/A)
f) All other required labelling provided	(.....)
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):	(.....)
4.13 Single-pole switching or protective devices in the line conductors only:	(.....)
4.14 Protection against mechanical damage where cables enter consumer unit / distribution board:	(.....)

4.15 Protection against electromagnetic effects where cables enter metallic consumer unit / enclosure:	(.....)
4.16 RCDs provided for fault protection - includes RCBOs:	(.....)
4.17 RCDs provided for additional protection - includes RCBOs:	(N/A)
4.18 Confirmation of indication that SPD is functional:	(N/A)
4.19 Adequacy of AFDD(s), where specified:	(.....)
4.20 Confirmation that conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure:	(.....)
5. Distribution / final circuits	(.....)
5.1 Identification of conductors:	(LIM)
5.2 Cables correctly supported throughout:	(.....)
5.3 Condition of insulation of live parts:	(.....)
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)
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 protection devices:	(.....)
5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences:	(.....)
5.10 Cables adequately protected against mechanical damage and abrasion:	(.....)
5.11 Provision of additional protection by 30 mA RCD (see Note):	(.....)
a) For all socket-outlets with a rated current not exceeding 32 A	(.....)
b) For mobile equipment not exceeding a rating of 32 A for use outdoors	(.....)
c) For cables concealed in walls / partitions at a depth of less than 50 mm	(.....)

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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Original (to the person ordering the work)



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**PART 12: SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS**

Circuits/equipment vulnerable to damage when testing: ALL EQUIPMENT

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		Thermoplastic cables in non-metallic conduit (C)	Thermoplastic cables in metallic conduit (D)	Thermoplastic cables in non-metallic conduit (E)	RCD	Maximum permitted $Z_s$ for installed protective device** (Ω)	Circuit impedances (Ω)			Insulation resistance		Fault loop impedance, $Z_s$ (Ω)	RCD operating time (ms)	Test buttons				
					Live (mm <sup>2</sup> )	epc (mm <sup>2</sup> )						Max. permitted $Z_s$ (Ω)	Line ( $r_1$ )	Neutral ( $r_n$ )	Protective device	Live / Live (MΩ)			Live / Earth (MΩ)	RCD	AFDD		
1	SHOWER	A	C	1	6	2.5					0.87	N/A	N/A	N/A	Lim	Lim	1.1	8.97	/	N/A			
2	SOCKETS	A	C	5	2.5	1.5				30	1.08	2.0	2.1	3.7	2.6	N/A	2.50	2.50	1.1	8.97	/	N/A	
3	UPSTAIRS LIGHTING	A	C	3	1	1				30	5.92	N/A	N/A	0.99	N/A	Lim	2.50	2.50	1.1	8.97	/	N/A	
4	SMOKE ALARM	A	C	2	1	1				30	5.82	N/A	N/A	0.56	N/A	Lim	Lim	2.50	2.50	1.1	8.97	/	N/A
5	BLANK																						
6	BLANK																						
7	DOWNST LTS	A	C	5	1	1				30	5.82	N/A	N/A	0.86	N/A	Lim	2.50	2.50	1.1	8.97	/	N/A	
8	MRSHLE + HEATING	A	C	2	2.5	1.5				30	1.74	N/A	N/A	0.48	N/A	2.00	2.00	2.50	0.60	15.7	/	N/A	
9	SOCKETS	A	C	6	2.5	1.5				30	0.8	2.7	2.5	5.0	0.37	N/A	2.00	2.50	1.1	8.97	/	N/A	
10	COOKER	A	C	1	6	2.5				30	1.08	N/A	N/A	0.31	N/A	2.00	2.50	2.50	1.1	8.97	/	N/A	

Location of consumer unit: FRONT ROOM Designation: 1 Prospective fault current at consumer unit (where applicable): (.....) kA

TESTED BY Name (capital): TOM WILSON Position: Q-S Signature: \_\_\_\_\_ Date: 16/09/2022

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: 102097503 Continuity: 1 Insulation resistance: N/A Earth fault loop impedance: N/A Earth electrode resistance: N/A RCD: N/A

Original (to the person ordering the work)