



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

This report is not valid if the serial number has been defaced or altered

512933 DPN18

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR		DETAILS OF THE CLIENT		DETAILS OF THE INSTALLATION	
Registration No: 615027000	Branch No: ✓	Contractor Reference Number (CRN): ✓	Occupier: H.M.O	Address: 14 HESLINGTON ROAD	York
Trading Title: Woodview UK LTD		Name: JOSEPH MORRE LTD	Address: 132 LAWRENCE STREET	York	
Address: 24 LAW ROAD	York	Address: 132 LAWRENCE STREET	York	Address: 14 HESLINGTON ROAD	York
Postcode: YO23 2AL	Tel No: 07317311033	Postcode: YO10 3ED	Tel No:	Postcode: YO10 5AT	Tel No: ✓

PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required: H.M.O LET OUT TO STUDENTS

Date(s) when inspection and testing was carried out: 22/06/2022 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): EXISTING AND BUILDING 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 SHOWING MINIMAL WEAR. Estimated age of electrical installation: (5) 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 Wilson Signature: [Signature] Date: 22/06/2022
REVIEWED BY QUALIFIED SUPERVISOR Name (capital): Tom Wilson Signature: [Signature] Date: 22/06/2022

*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 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: P.V.C TRAY AND KATCH INSTALLATION TO DOMESTIC HMO

Agreed limitations including the reasons, if any, on the inspection and testing: CABLES NOT VISUALLY INSPECTED THROUGHOUT TRAY ENTIRE LENGTH

PART 8 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Extent of sampling (inspection only): 100% VISUAL INSPECTION 20% ACCESSORIES REMOVED AND INSPECTED ALL CIRCUITS TESTED

Operational limitations including the reasons: NONE

Agreed with (print name): JOE MOORE

(see additional page No.)

System type and earthing arrangements	Number and type of live conductors	Nature of supply parameters
TN-C-S: (<input checked="" type="checkbox"/>) TN-S: (.....) TT: (.....)	AC 1-phase, 2-wire: (<input checked="" type="checkbox"/>)	Nominal line voltage to Earth, U_0 : (240) V
Other (state):	Other (state):	Nominal frequency, f : (50) Hz
Supply protective device (BS EN) <u>13G1</u>	Confirmation of supply polarity: (<input checked="" type="checkbox"/>)	Prospective fault current, $I_{pf}^{(1)*}$: (1.95) kA
Type: (<u>II</u>)	Other sources of supply (as detailed on attached schedule) Page No: (.....)	External loop impedance, $Z_e^{(1)*}$: (0.19) Ω
Rated current: (100) 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: (material) <u>COPPER</u> csa <u>16</u> mm ²	Water installation pipes: (<input checked="" type="checkbox"/>)	Type: (BS EN) <u>60947-3</u>
Installation earth electrode: (<u>N/A</u>)	Connection / continuity verified: (<input checked="" type="checkbox"/>)	Gas installation pipes: (<u>N/A</u>)	Location: (<u>FRONT DOOR WINDY COVER</u>)
Where an earth electrode is used insert Type - rods / tape, etc: (<u>N/A</u>)	Main protective bonding conductors: (material) <u>COPPER</u> csa <u>10</u> mm ²	Oil installation pipes: (<u>N/A</u>)	No. of poles: (<u>2</u>)
Location: (.....)	Lighting protection: Other (state): (<u>N/A</u>)	Lighting protection: Other (state): (<u>N/A</u>)	Current rating: (100) A
Electrode resistance to Earth: (.....) Ω	Connection / continuity verified: (<input checked="" type="checkbox"/>)		Where an RCD is used as the main switch RCD rated (residual operating current) $I_{\Delta n}$: <u>N/A</u> 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 'G1', 'G2', 'G3' or 'F1' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)



PART 10 - SCHEDULE OF ITEMS INSPECTED

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Original (to the person ordering the work)

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:	(C3)	
4.5 Enclosure not damaged / deteriorated so as to impair safety:	(.../...)	
4.6 Presence of linked main switch:	(.../...)	
4.7 Operation of main switches (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	(C3)	
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:	(.../...)	
5. Distribution / final circuits		
5.1 Identification of conductors:	(.../...)	
5.2 Cables correctly supported throughout:	(LM)	
5.3 Condition of insulation of live parts:	(.../...)	
5.4 Non-sheathed live conductors protected by enclosure in conducting 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 FT (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: All equipment

CODES for type of wiring	(A) Thermoplastic insulated / shielded cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermomating / SWA cables	(H) Mineral-insulated cables	(I) other - state
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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		Max. disconnection time (BS 7671)	Protective device			RCD	Maximum permitted Z _s for installed protective device**	Circuit impedances (Ω)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s operating time	RCD	Test buttons
				Live (mm ²)	Neutral (mm ²)		Type	Rating (A)	Short-circuit capacity (kA)			Operating current, I _{Δn} (mA)	Ring final circuits only (measured end to end)	All circuits (complete at least one column)	Live / Live	Live / Earth	Test voltage DC (V)				
1	FIRE ALARM	C	1	15	1.5	4	B	32	6	30	5.82	N/A	N/A	N/A	N/A	205	250	✓	✓	✓	N/A
2	COOKER	A	1	6	2.5	4	B	32	6	30	5.82	N/A	N/A	N/A	N/A	205	250	✓	✓	✓	N/A
3	KITCHEN SOCKETS	A	1	19	2.5	4	B	20	6	30	X	X	X	0.80	N/A	205	250	✓	✓	✓	N/A
4	GROUND FLOOR HALL LIGHTS	A	1	6	1.5	4	B	16	6	30	2.29	N/A	N/A	1.13	N/A	205	250	✓	✓	✓	N/A
5	GROUND FLOOR SOCKETS	A	1	6	1.5	4	B	16	6	30	2.29	N/A	N/A	0.71	N/A	205	250	✓	✓	✓	N/A
6	1st floor sockets	A	1	6	1.5	4	B	16	6	30	1.08	N/A	N/A	0.39	N/A	205	250	✓	✓	✓	N/A
7	Ground floor Socket	A	1	6	2.5	4	B	32	6	30	1.08	N/A	N/A	0.39	N/A	205	250	✓	✓	✓	N/A
8	1st floor lights	A	1	1	1	4	B	6	6	30	5.82	N/A	N/A	1.03	N/A	205	250	✓	✓	✓	N/A
9	2nd floor lights	A	1	1	1	4	B	6	6	30	5.82	N/A	N/A	0.37	N/A	205	250	✓	✓	✓	N/A
10	GROUND FLOOR LITS	A	1	1	1	4	B	6	6	30	5.82	N/A	N/A	1.32	N/A	205	250	✓	✓	✓	N/A
11	SHOWER 1st FLOOR	A	1	1	1	4	B	32	6	30	1.08	N/A	N/A	0.35	N/A	205	250	✓	✓	✓	N/A
12	SHOWER 1st FLOOR	A	1	1	1	4	B	30	6	30	0.69	N/A	N/A	0.17	N/A	205	250	✓	✓	✓	N/A
13	SHOWER 1st FLOOR	A	1	1	1	4	B	32	6	30	1.08	N/A	N/A	0.12	N/A	205	250	✓	✓	✓	N/A
14	SHOWER 1st FLOOR	A	1	1	1	4	B	32	6	30	1.08	N/A	N/A	0.01	N/A	205	250	✓	✓	✓	N/A
15	SHOWER 2nd floor	A	1	1	1	4	B	32	6	30	1.08	N/A	N/A	0.12	N/A	205	250	✓	✓	✓	N/A

Location of consumer unit: OVER FRONT DOOR Designation: 1 Prospective fault current at consumer unit (where applicable): 1.95 kA

TESTED BY Name (capital): Tom Wilson Position: R.S Signature: [Signature] Date: 22/06/2022

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: 102007503 Continuity: ✓ Insulation resistance: ✓ Earth fault loop impedance: ✓ Earth electrode resistance: ✓ RCD: ✓

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