



DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

This report is not valid if the serial number has been defaced or altered
Small installations up to 100 A single phase supply
Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

512925

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:		
Trading Title: WOODVIEW UK LTD		Name: MANUSAL PROJECTS LIMITED	Address: LODGE BUNGALOW GRIMSTON BAY YORK		
Address: 24 LAMPA ROAD BISHOP THORPE YORK		Address: 132 LAWRENCE STREET YORK	Address: LODGE BUNGALOW GRIMSTON BAY YORK		
Postcode: YO23 2AL	Tel No: 07717311033	Postcode: YO10 3EG	Tel No: 019476351928	Postcode: YO19 5LB	Tel No: ✓

PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required: **STUDENT ACCOMADATION**

Date(s) when inspection and testing was carried out: **28/01/2022** 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. PVC TWIN AND EARTH CABLE IS IN AN ACCEPTABLE CONDITION, ACCESSORIES AND EQUIPMENT ARE IN AN ACCEPTABLE CONDITION SHOWING MINIMAL WEAR AND TEAR
Estimated age of electrical installation: (**6**) 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 WEDON** Signature: Date: **28/01/2022**
REVIEWED BY QUALIFIED SUPERVISOR
Name (capital): **Tom WEDON** Signature: Date: **28/01/2022**
Name (capital): **Tom WEDON** Signature: Date: **28/01/2022**

*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.



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: Revised house

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'	Risk of Injury	Immediate remedial action required	CODE C2 'Potentially Dangerous'	Urgent remedial action required	CODE C3 'Improvement Recommended'	CODE C4 'Further Investigation Required'
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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	Observation(s)	Code	Location Reference
()	NO GAS	(NOTS)	()
()	INDOOR WATER IS PLASTIC	(NOTS)	()
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Additional pages? () State page numbers: ()
Immediate action required for items: () Improvement recommended for items: ()
Urgent remedial action required for items: () 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: **THE FULL ELECTRICAL INSTALLATION TO THE DWELLING HAS BEEN INSPECTED AND TESTED**

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

Extent of sampling (inspection only): **100% TEST 25% ACCESSORIES REMOVED AND INSPECTED 100% VISUAL INSPECTION** Agreed with (print name): **JOE MOORE**
 Operational limitations including the reasons: **NONE** (see additional page No.)
 (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: () TT: ()	AC 1-phase, 2-wire: (✓)	Nominal line voltage to Earth, U_0 : (240) V Nominal frequency, f : (50) Hz Prospective fault current, I_{pf} (1)†: (1.28) kA External loop impedance, Z_g (1)†: (0.18) Ω
Other (state):	Other (state):	(1) By enquiry, measurement or by calculation
Supply protective device (BS EN) (1361) II	Confirmation of supply polarity: Other sources of supply (as detailed on attached schedule)	Page No: ()

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: ()	Earthing conductor: ()	Water installation pipes: (N/A)	Type: (BS EN) GOM47-3
Installation earth electrode: (N/A)	(material) Copper ()	Gas installation pipes: (N/A)	Location: (MAX) CUPBOARD
Where an earth electrode is used insert	Connection / continuity verified: ()	Structural steel: (N/A)	No. of poles: (2)
Type - rod(s), tape, etc: (N/A)	Main protective bonding conductors: ()	Oil installation pipes: (N/A)	Current rating: (100) A
Location: ()	(material) Copper ()	Lightning protection: ()	Where an RCD is used as the main switch
Electrode resistance to Earth: () Ω	Connection / continuity verified: ()	Other (state): (N/A)	RCD rated residual operating current, $I_{\Delta n}$: () 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_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

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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)	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: (✓)	4.15 Protection against electromagnetic effects where cables enter metallic consumer unit / enclosure: (✓)
1.2 Service head: (✓)	4.2 Security of fixing: (✓)	4.16 RCDs provided for fault protection – includes RCBOS: (✓)
1.3 Earthing arrangement: (✓)	4.3 Condition of enclosure(s) in terms of IP rating: (✓)	4.17 RCDs provided for additional protection – includes RCBOS: (✓)
1.4 Meter tails: (✓)	4.4 Condition of enclosure(s) in terms of fire rating: (✓)	4.18 Confirmation of indication that SPD is functional: (2/2)
a) Cutout fuse to meter (✓)	4.5 Enclosure not damaged / deteriorated so as to impair safety: (✓)	4.19 Adequacy of AFDD(s), where specified: (2/2)
b) Meter to consumer unit (✓)	4.6 Presence of linked main switch: (✓)	4.20 Confirmation that conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure: (✓)
1.5 Metering equipment: (✓)	4.7 Operation of main switch(es) (functional check): (✓)	
1.6 Isolator (where present): (✓)	4.8 Main switch capable of being secured in the OFF position: (✓)	
2. Presence of adequate arrangements for other sources	4.9 Operation of circuit-breakers and RCDs to prove disconnection (functional check): (✓)	
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: (✓)	5.1 Identification of conductors: (✓)
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: (✓)	5.2 Cables correctly supported throughout: (✓)
2.3 Presence of alternative / additional supply warning notices: (N/A)	a) Provision of circuit charts/schedules or equivalent forms of information: (✓)	5.3 Condition of insulation of live parts: (✓)
3. Earthing and bonding arrangements	b) Warning notice of method of isolation where live parts not capable of being isolated by a single device: (✓)	5.4 Non-sheathed live conductors protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems): (2/5)
3.1 Presence and condition of distributor's earthing arrangement: (✓)	c) Periodic inspection and testing notice: (✓)	5.5 Adequacy of cables for current-carrying capacity with regard to the type and nature of installation: (✓)
3.2 Presence and condition of earth electrode connection, where appropriate: (N/A)	d) Presence of RCD six-monthly notice, where required: (✓)	5.6 Adequacy of protective devices: type and rated current for fault protection: (✓)
3.3 Confirmation of adequate earthing conductor size: (✓)	e) Warning notice of non-standard (mixed) colours of conductors present: (✓)	5.7 Presence and adequacy of circuit protective conductors: (✓)
3.4 Accessibility and condition of earthing conductor at Main Earthing Terminal (MET): (✓)	f) All other required labelling provided: (✓)	5.8 Co-ordination between conductors and overload protection devices: (✓)
3.5 Confirmation of adequate main protective bonding conductor size: (✓)	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): (✓)	5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences: (✓)
3.6 Accessibility and condition of main protective bonding conductor connections: (✓)	4.13 Single-pole switching or protective devices in the live conductors only: (✓)	5.10 Cables adequately protected against mechanical damage and abrasion: (✓)
3.7 Accessibility and condition of other protective bonding connections: (✓)	4.14 Protection against mechanical damage where cables enter consumer unit / distribution board: (✓)	5.11 Provision of additional protection by 30 mA RCD (see Note): (✓)
3.8 Provision of earthing and bonding labels at all appropriate locations: (✓)		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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PART 10 : SCHEDULE OF ITEMS INSPECTED

<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><i>Note: Older installations designed prior to BS 7671: 2008 may not have been provided with RCDs for additional protection.</i></p> <p>5.12 Provision of fire barriers, sealing arrangements and protection against thermal effects: (LIM)</p> <p>5.13 Band 11 cables segregated / separated from Band I cables: (LIM)</p> <p>5.14 Cables segregated / separated from communications cabling: (LIM)</p> <p>5.15 Cables segregated / separated from non-electrical services: (LIM)</p> <p>5.16 Termination of cables at enclosures (extent of sampling indicated in PART 7 of the report): (LIM)</p> <p>a) Connections soundly made and under no undue strain (LIM)</p> <p>b) No basic insulation of a conductor visible outside enclosure (LIM)</p> <p>c) Connection of live conductors adequately enclosed (LIM)</p> <p>d) Adequately connected at point of entry to enclosure (LIM)</p> <p>5.17 Condition of accessories including socket-outlets, switches and joint boxes is satisfactory: (LIM)</p> <p>6. Isolation and switching (Isolation, switching off for mechanical maintenance and functional switching)</p> <p>6.1 In general: (LIM)</p> <p>a) Presence and condition of appropriate devices (LIM)</p> <p>b) Correct operation verified (LIM)</p> <p>6.2 For isolation and switching for mechanical maintenance only: a) Capable of being secured in the OFF position, where appropriate (LIM)</p>	<p>b) Acceptable location (local / remote) (LIM)</p> <p>c) Clearly identified by position and/ or durable marking(s) (LIM)</p> <p>6.3 For isolation only: a) Warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device (LIM)</p> <p>7. Current-using equipment (permanently connected)</p> <p>7.1 Condition of equipment in terms of IP rating: (LIM)</p> <p>7.2 Equipment does not constitute a fire hazard: (LIM)</p> <p>7.3 Enclosure not damaged / deteriorated so as to impair safety: (LIM)</p> <p>7.4 Suitability for the environment and external influences: (LIM)</p> <p>7.5 Security of fixing: (LIM)</p> <p>7.6 Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: (LIM)</p> <p>List number and location of luminaires inspected on a separate page: (LIM)</p> <p>7.7 Recessed luminaires (downlighters): (LIM)</p> <p>a) Correct type of lamps fitted (LIM)</p> <p>b) Installed to minimise build-up of heat (LIM)</p> <p>c) No signs of overheating to surrounding building fabric (LIM)</p> <p>d) No signs of overheating to conductors / terminations (LIM)</p> <p>8. Location(s) containing a bath or shower</p> <p>8.1 Additional protection by RCD not exceeding 30 mA: a) For low voltage circuits serving the location (LIM)</p> <p>b) For low voltage circuits passing through Zone 1 and Zone 2 not serving the location (LIM)</p>	<p>8.2 Where used as a protective measure, requirements for SELV or PELV are met: (N/A)</p> <p>8.3 Shaver sockets comply with BS EN 61558-2-5 (formerly BS 5535): (LIM)</p> <p>8.4 Presence of supplementary bonding conductors unless not required by BS 7671: 2018 (LIM)</p> <p>8.5 Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from Zone 1: (LIM)</p> <p>8.6 Suitability of equipment for external influences for installed location in terms of IP rating: (LIM)</p> <p>8.7 Suitability of equipment for installation in a particular zone: (LIM)</p>
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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, 8, 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).

SCHEDULE OF ITEMS INSPECTED BY

Name (capital):

Signature:

Date:

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

ALL EQUIPMENT

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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)	Circuit conductor csa		Max. disconnection time (BS 7671)	BS (EN)	Protective device		RCD	Maximum permitted Z _s for installed protective device**	Circuit impedances (Ω)			Insulation resistance		Polarity	RCD operating time (ms)	Test buttons						
				Live (mm ²)	CPC (mm ²)			Rating (A)	Short-circuit capacity (kA)			Operating current, I _{Δn} (mA)	(Line) r _l	(Neutral) r _n	(EPC) r _e	(R _l + R _n) R _l				R _e	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	RCD (✓)	AFDD (✓)
1	COOKER	A	C	1	4	2.5	5	60898	B	32	6	30	1.08	N/A	N/A	N/A	200	200	250	✓	7038.5	✓	N/A		
2	GROUND FLOOR SOCKETS	A	C	2.5	1.5	1.5	4	60898	B	32	6	30	1.08	1.04	1.04	1.85	0.70	N/A	200	200	250	✓	86.5	✓	N/A
3	KITCHEN WATER	A	C	1	2.5	1.5	4	60898	D	16	6	30	2.18	N/A	N/A	0.34	N/A	200	200	250	✓	65.58.5	✓	N/A	
4	SMOKE ALARM	A	C	6	1	1	4	60898	B	6	6	30	5.82	N/A	N/A	0.75	N/A	1m	1m	1m	✓	10138.5	✓	N/A	
5	RINK																								
6	RINK																								
7	HEATING	A	C	8	2.5	1.5	4	60898	B	32	6	30	1.08	0.49	0.49	0.75	0.31	N/A	200	200	250	✓	5758.1	✓	N/A
8	KITCHEN SOCKETS	A	C	9	2.5	1.5	4	60898	B	32	6	30	1.08	0.32	0.29	0.51	0.10	N/A	200	200	250	✓	4039.1	✓	N/A
9	GROUND FLOOR FITS	A	C	10	1	1	4	60898	B	6	6	30	5.82	N/A	N/A	0.77	N/A	1m	1m	1m	✓	10538.1	✓	N/A	
10	BLANK																								
11	BLANK																								
12	BLANK																								

Location of consumer unit: HALL Designation: 1 Prospective fault current at consumer unit (where applicable): 128 kA

TESTED BY Name (capital): Tom Wilson Position: G.S Signature: [Signature] Date: 28/01/2022

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: 102097503 Continuity: ✓ Insulation resistance: ✓ Earth fault loop impedance: ✓ Earth electrode resistance: N/A RCD: ✓

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