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22092324 **DPN18C**

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	DETAILS OF THE CLIENT	DETAILS OF THE INSTALLATION
Registration No.: 600541000 Branch No.: 000 Trading Title: MTS Electricals (NW) Ltd Address: Apartment 43, East Float Quay Dock Road, Birkenhead, Cheshire Postcode: CH41 1DN Tel No.: 07947251917	Contractor Reference Number (CRN): N/A Name: Hamilton Square Estates Address: 1 Cleveland Street, BIRKENHEAD, Merseyside Postcode: CH41 6ND Tel No: N/A	Occupier: David Torrance Address: 27 Northbrook Road, WALLASEY, Merseyside Postcode: CH44 9AP Tel No.: N/A

PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required: Scheduled report

Date(s) when inspection and testing was carried out: 29/10/2020
 Records available: Previous inspection report available: Previous report date: N/A

PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety): Unsatisfactory

Estimated age of electrical installation: 35 years
 Evidence of additions or alterations: 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 (capitalis): MARK O'NEILL
 Signature: *M. O'Neill*
 Date: 29/10/2020

Name (capitalis): MARK O'NEILL
 Signature: *M. O'Neill*
 Date: 29/10/2020

*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.

Original (to the person ordering the work)



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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 tested, accessories sampled. (see additional page No. N/A)

Agreed limitations including the reasons, if any, on the inspection and testing: Cannot verify existing wiring or methods used. (see additional page No. N/A)

Extent of sampling (inspection only): 25%

Operational limitations including the reasons: None

Agreed with (print name): N/A

(see additional page No. N/A)
(see additional page No. N/A)

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: (N/A)	TN-S: (✓)	AC	1-phase, 2-wire: (✓)	Nominal line voltage to Earth, U_0 :	(230) V
Other (state): N/A	TT: (N/A)			Nominal frequency, f :	(50) Hz
Supply protective device		Other (state): N/A		Prospective fault current, I_{pf} (1)†:	(1.09) kA
(BS EN) 1361		Confirmation of supply polarity:		External loop impedance, Z_e (1)†:	(0.21) Ω
Type: II		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:	(✓)	Earthing conductor:		Water installation pipes:	(C2)	Type:	(BS EN) 5419
Installation earth electrode:	(N/A)	(material) Copper	csa 10 mm ²	Gas installation pipes:	(✓)	Location:	(Consumer cupboard)
Where an earth electrode is used insert		Connection / continuity verified:	(✓)	Structural steel:	(N/A)	No. of poles:	(2)
Type – rod(s), tap(s), etc: (None)		Main protective bonding conductors:		Oil installation pipes:	(N/A)	Current rating:	(100) A
Location: (N/A)		(material) Copper	csa 10 mm ²	Lightning protection:	(N/A)	Where an RCD is used as the main switch	
Electrode resistance to Earth: (N/A) Ω		Connection / continuity verified:	(✓)	Other (state):	(N/A)	RCD rated residual operating current, $I_{Δn}$:	(N/A) mA
						Measured operating time: (N/A) ms	Rated time delay: (N/A) 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 '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	Type of wiring (see Codes)	Reference Method (BS 7671)	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device			RCD Operating current, I _n (mA)	Maximum permitted Z _s for installed protective device** (Ω)	Circuit impedances (Ω)			Insulation resistance		Polarity	RCD operating time (ms)	Test buttons							
				Live (mm ²)	Neutral (mm ²)		BS (EN)	Type	Rating (A)			Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n	(Earth) r _e	All circuits (complete at least one column)			R _s	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	RCD (✓)	AFD (✓)		
1	Lighting	A	100	6	1	1	0.4	3871	2	5	3	N/A	6.24	N/A	N/A	N/A	12	250	✓	1.19	N/A	N/A	N/A	✓	✓	
2	Sockets	A	100	9	2.5	1.5	0.4	3871	2	30	3	N/A	1.04	0.30	0.30	0.68	N/A	0.00	250	✓	0.40	N/A	N/A	N/A	✓	✓
3	Unknown	A	100	N/A	2.5	1.5	0.4	3871	2	15	3	N/A	2.08	N/A	N/A	N/A	N/A	15.8	250	✓	N/A	N/A	N/A	N/A	✓	✓
4	Unknown	A	100	N/A	2.5	1.5	0.4	3871	2	30	3	N/A	1.04	N/A	N/A	N/A	N/A	0.00	250	✓	N/A	N/A	N/A	N/A	✓	✓
5	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓
6	Shower	A	100	1	6	2.5	0.4	50898	B	32	3	N/A	1.37	N/A	N/A	N/A	N/A	999	250	✓	0.34	N/A	N/A	N/A	✓	✓

Location of consumer unit: Living room cupboard Designation: DB1 Prospective fault current at consumer unit (where applicable): (N/A) kA

TESTED BY Name (capital): MARK O'NEILL Position: QS Signature: M. O'NEILL Date: 29/10/2020

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: 101562683	Continuity: N/A	Insulation resistance: N/A	Earth fault loop impedance: N/A	Earth electrode resistance: N/A	RCD: N/A
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Original (to the person ordering the work)

NOTES FOR RECIPIENT THIS CONDITION REPORT IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

The purpose of a domestic periodic inspection is to determine, so far as is reasonably practicable, whether the electrical installation of a single dwelling (house or flat) is in a satisfactory condition for continued service. This report provides an assessment of the condition of the electrical installation identified overlaid at the time it was inspected and tested, taking into account the stated extent of the installation and the limitations of the inspection and testing.

The report identifies any damage, deterioration, defects and/or conditions found by the inspector which may give rise to danger (see PART 6), together with any items for which improvement is recommended. If you were the person ordering this report, but not the user of the installation, you should pass this report, or a full copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

This report should be retained in a safe place and shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this report will provide the new user with an assessment of the condition of the electrical installation at the time the periodic inspection was carried out.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested every six months. For safety reasons it is important that this instruction is followed.

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection should be carried out is stated in PART 5 of this report. There should also be a notice at or near the main switchboard or consumer unit indicating when the next inspection of the installation is due. NICEIC* recommends that you engage the services of an NICEIC Approved Contractor for the inspection.

This report has been issued in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018 – Requirements for Electrical Installations*.

Only an NICEIC Approved Contractor or Conforming Body is authorised to issue this NICEIC Domestic Electrical Installation Condition Report. You should have received the report marked 'Original' and the Approved Contractor should have retained the report marked 'Duplicate'.

This report form is intended to be issued only for the purpose of reporting on the condition of an existing electrical installation and must not be issued to certify new electrical installation work including the replacement of a consumer unit.

The report consists of at least six numbered pages. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. For installations having more than one consumer unit or more circuits than can be recorded in PART 12, one or more additional *Schedules of Circuit Details and Test Results* should form part of the report. The report is invalid if any of the schedules identified in PART 10 are missing. The report has a printed serial number, which is traceable to the Contractor to which it was supplied.

PART 7 (Details and limitations) should identify fully the extent of the installation covered by this report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the report before the inspection was carried out.

Rarely, an operational limitation may have been encountered during the inspection such as inability to gain access to parts of the installation or to an item of equipment. The inspector should have noted any such limitations in PART 7. It should be noted that the greater the limitations applying to a report, the less its value from the safety aspect.

A declaration should have been given by the inspector in PART 4 of the report. The declaration must reflect the statement given in PART 3, which summarises the observations and recommendations made in PART 6. Where one or more observations have been made in PART 6, the Classification code given to each by the inspector indicates the degree of urgency with which remedial action needs to be taken to restore the installation to a safe working condition.

Where the inspector has indicated an observation as code C1 (danger present) **the safety of those using the installation is at risk.** Wherever practicable, items classified as (C1) should be made safe on discovery, and it is recommended that a skilled person(s) competent in electrical installation work undertakes the necessary remedial work immediately.

Where the inspector has indicated an observation as code C2 (potentially dangerous) **the safety of those using the installation may be at risk,** and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where the inspector has indicated that an item requires further investigation (FI), the investigation should be carried out without delay to determine whether danger or potential danger exists. For further guidance on the Classification codes, please see the reverse of page 2.

Where the installation can be supplied by more than one source, such as the public supply and a standby generator or microgenerator, this should be identified in PART 8 *Supply Characteristics and Earthing Arrangements*, and the *Schedules of Circuit Details and Test Results* (PART 12) compiled accordingly.

Where inadequacies in the intake equipment have been observed (Item 1 of PART 10), the person ordering the inspection should inform the distributor and/or supplier as appropriate.

Should the person ordering this report have reason to believe that it does not reasonably reflect the condition of the electrical installation reported on, that person should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the person ordering this report may make a formal complaint to NICEIC, for which purpose a complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost). * *NICEIC is operated by Certsure LLP, a partnership between the Electrical Contractors' Association and the charity, Electrical Safety First. NICEIC maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).*

For further information about electrical safety and how NICEIC can help you,
visit www.niceic.com

GUIDANCE FOR RECIPIENTS ON THE CLASSIFICATION CODES

Only one Classification code should be given for each recorded Observation

Classification code C1 (Danger present)

Where an observation has been given a Classification code C1, the safety of those using the installation is at risk and immediate remedial action is required.

The person ordering the inspection is advised to take action without delay to remedy the observed deficiency in the installation, or to take other appropriate action (such as switching off and isolating the affected part(s) of the installation) to remove the danger. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

NICEIC makes available 'Electrical Danger Notification' forms to enable inspectors to record, and then to communicate to the person ordering the report, any dangerous condition discovered.

Classification code C2 (Potentially dangerous)

Classification code C2 indicates that whilst those using the installation may not be at immediate risk, urgent remedial action is required to remove potential danger. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given at PART 5 of this report (Next Inspection) for the maximum interval until the next inspection is conditional upon all items which have been given a Classification code C1 and code C2 being remedied immediately and as a matter of urgency, respectively. It would not be reasonable for the inspector to indicate that the installation is in a satisfactory condition if any observation in this report has been given a code C1 or code C2 classification.

Classification code C3 (Improvement recommended)

Where an observation has been given a Classification code C3, the inspection and/or testing has revealed a non-compliance with the current safety standard which, whilst not presenting immediate or potential danger, would result in a significant safety improvement if remedied. Careful consideration should be given to the safety/benefits of improving these aspects of the installation. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

Code FI (Further investigation required without delay)

It should usually be possible for the inspector to attribute a Classification code to each observation without indicating a need for further investigation.

However, where 'FI' has been entered against an observation the inspector considers that further investigation of that observation is likely to reveal danger or potential danger that, due to the agreed extent or limitations of the inspection and/or testing, could not be fully identified at the time.

It would not be appropriate for the inspector to indicate that the installation is in a satisfactory condition if there is reasonable doubt as to whether danger or potential danger exists. Consequently, where the inspector has indicated 'Further investigation required without delay' (FI) the overall assessment of the installation (PART 3) should be marked as 'Unsatisfactory'.

If the inspector has indicated that an observation requires further investigation without delay, the person ordering this report is advised to arrange for the NICEIC Approved Contractor issuing the report (or another skilled person or persons competent in such work) to undertake further examination of that aspect of the installation as a matter of urgency, to determine whether or not danger or potential danger exists.

Further information

Further information on the application of Classification codes, primarily aimed at inspectors but of possible interest to persons ordering condition reports, can be found in Electrical Safety First's Best Practice Guide No 4 *Electrical installation condition reporting: Classification Codes for domestic and similar electrical installations*. The guide can be viewed or downloaded free of charge from www.electricalsafetyfirst.org.uk

For further information about electrical safety and how NICEIC can help you, visit www.niceic.com