







		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: 600619000 Branch No:	Contractor Reference Number (CRN):	Occupier:							
Trading Title: Mistry Electrical Testing Ltd	Name:								
Address: 135 St. Pauls Avenue, Harrow, Middx	Address:								
Postcode: <u>HA3 9PT</u> Tel No: <u>07956 890107</u>	Postcode: Tel No:	Postcode: Tel No:							
PART 2 : PURPOSE OF THE REPORT									
Purpose for which this report is required:		(see additional page No. <u>N/A</u>)							
Date(s) when inspection and testing was carried out: (29/12/2019) Records available: () Pre	evious inspection report available: () Previous report date: ()							
PART 3: SUMMARY OF THE CONDITION OF THE INSTALLATIO	N								
General condition of the installation (in terms of electrical safety):		(see additional page No. <u>N/A</u>)							
Estimated age of electrical installation: () years Evidenc	e of additions or alterations: () Overall as	sessment of the installation is:							
PART 4: DECLARATION									
INSPECTION AND TESTING									
	ng the observations (page 2) and the attached schedules, provides an ad	ercised reasonable skill and care when carrying out the inspection and testing of the ccurate assessment of the condition of the electrical installation taking into account the							
Name (capitals):	Signature:	Date:							
REVIEWED BY QUALIFIED SUPERVISOR									
Name (capitals):	Signature:	Date:							

*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.











PART 5: NEXT INSPECTION										
I/We (as indicated on page 1) recommend, subject to the necessary remedial work being taken, this installation should be further inspected and tested after an interval of not more than Give reason for recommendation: (see additional page No. N/A)										
PART 6: OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN										
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 'Improvement Recommended' 'Further Investigation 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 observation	s and recommendations for action are mad Observation(s)	le:		Codo	Location Reference					
Item No	Ubservation(s)			Code	Location Reference					
Additional pages? (N/A) State page numbers: (N/A)										
Immediate action required for items:) Improvement i	recommended for items: ()					
Urgent remedial action required for items: () Further investi	gation 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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	•		•		1:	ssued in accordance with BS 78	571: 2018 - Requ	iirements for E	lectrical Installations				
PART 7 : DETAILS AND LIMITATIONS OF 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:													
(see additional page No. <u>N/A)</u> Agreed limitations including the reasons, if any, on the inspection and testing: (see additional page No. <u>N/A)</u>													
Agreed with (print name): Extent of sampling: (inspection only) Operational limitations including the reasons: (see additional page No.													
PART 8: SUPPLY CHARACTERISTICS	AND EARTHING ARRANG	EMENTS											
System type and earthing arrangements TN-C-S: TN-S: Other (state): Supply protective device (BS (EN)) Type: ()		AC Other (state): (Confirmation of	pe of live conductors 1-phase, 2-wire: (f supply polarity: of supply: (as detailed on attached schedule)	Pag) () e No: ()	Nature of supply parameters Nominal line voltage to Earth, Nominal frequency, $_f$: Prospective fault current, $_{pf}^{(1)}$ External loop impedance, $_{Ze}^{(1)}$)*.	(230) V () Hz () kA () Ω	(1) By enquiry, measurement, or by calculation				
PART 9: PARTICULARS OF INSTALLA	TION REFERRED TO IN TH	IS CERTIFICA	ATE										
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: ()	Main protective conductors Earthing conductor: (materialcs Connection / continuity verified Main protective bonding condu (materialcs	amm²) :	Main protective bonding connections Water installation pipes: (Gas installation pipes: (Structural steel: (Oil installation pipes: (Lightning protection: (Other (state):)))	Type: Location: No. of poles: Current rating: Where an RCD RCD rated resi	(BS (EN) () : ()A D is used as the main switch idual operating current, /_An: erating time: () ms		ng of device: g:) ()A ()V ()mA				

'LIM' if a Limitation exists;

*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, lpf , and external earth fault loop impedance, Ze , must be recorded.

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)

All fields must be completed. Enter either, as appropriate: ' / if Acceptable condition; 'W/A' if Not applicable;









PART 10 : SCHEDULE OF ITEMS INSPECTED 4. Consumer unit(s) / Distribution board(s) 1. External condition of intake equipment (visual inspection only) 4.15 Protection against electromagnetic effects where cables enter metallic consumer unit / enclosure: (If inadequacies are identified with the intake equipment, it is recommended 4.1 Adequacy of working space / accessibility to the person ordering the report informs the appropriate authority.) 4.16 RCDs provided for fault protection - includes RCBOs: consumer unit / distribution board: 1.1 Service cable: 4.2 Security of fixing: 4.17 RCDs provided for additional protection - includes RCBOs: 1.2 Service head: 4.3 Condition of enclosure(s) in terms of IP rating: 4.18 Confirmation of indication that SPD is functional: 1.3 Earthing arrangement: 4.4 Condition of enclosure(s) in terms of fire rating: 4.19 Adequacy of AFDD(s), where specified: 1.4 Meter tails: 4.5 Enclosure not damaged / deteriorated so as to impair safety: $^{ m 4.20}$ Confirmation that conductor connections, including a) Cutout fuse to meter 4.6 Presence of linked main switch: connections to busbars, are correctly located in terminals b) Meter to consumer unit 4.7 Operation of main switch(es) (functional check): and are tight and secure: 1.5 Metering equipment: 4.8 Main switch capable of being secured in the OFF position: 5. Distribution / final circuits 1.6 Isolator (where present): 5.1 Identification of conductors: Operation of circuit-breakers and RCDs to prove 5.2 Cables correctly supported throughout: disconnection (functional check): 2. Presence of adequate arrangements for other sources 4.10 Correct identification of circuits and protective devices: Condition of insulation of live parts: 2.1 Adequate arrangements where a generating set operates 4.11 Presence of appropriate circuit charts, warning and other notices: Non-sheathed live conductors protected by enclosure in conduit, as a switched alternative to the public supply: ducting or trunking (including confirmation of the integrity of a) Provision of circuit charts/schedules or equivalent 2.2 Adequate arrangements where generating set operates in conduit and trunking systems): forms of information parallel with the public supply: 5.5 Adequacy of cables for current-carrying capacity with regard 2.3 Presence of alternative / additional supply warning notices: b) Warning notice of method of isolation where live parts to the type and nature of installation: not capable of being isolated by a single device 3. Earthing and bonding arrangements Adequacy of protective devices; type and rated current for c) Periodic inspection and testing notice fault protection: 3.1 Presence and condition of distributors earthing arrangement: d) Presence of RCD six-monthly notice, where required 5.7 Presence and adequacy of circuit protective conductors: 3.2 Presence and condition of earth electrode connection, e) Warning notice of non-standard (mixed) colours Co-ordination between conductors and overload where appropriate: protection devices: of conductors present 3.3 Confirmation of adequate earthing conductor size: Wiring system(s) appropriate for the type and nature of the f) All other required labelling provided Accessibility and condition of earthing conductor at installation and external influences: Main Earthing Terminal (MET): 4.12 Compatibility of protective device(s), base(s) and other 5.10 Cables adequately protected against mechanical damage 3.5 Confirmation of adequate main protective bonding conductor sizes: components: correct type and rating (no signs of and abrasion: unacceptable thermal damage, arcing or overheating): Accessibility and condition of main protective bonding 5.11 Provision of additional protection by 30 mA RCD (see Note): 4.13 Single-pole switching or protective devices in the line conductor connections: a) For all socket-outlets with a rated current not exceeding 32 A conductors only: 3.7 Accessibility and condition of other protective) 4.14 Protection against mechanical damage where cables b) For mobile equipment not exceeding a rating of 32 A bonding connections: enter consumer unit / distribution board: for use outdoors 3.8 Provision of earthing and bonding labels at all appropriate locations: c) For cables concealed in walls / partitions at a depth of less than 50 mm

All fields must be completed. Enter either, as appropriate: ' \(\sqrt{if Acceptable condition;} \) 'N/A' if Not applicable;

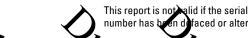
'LIM' if a Limitation exists:

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)









PART 10 : SCHEDULE OF ITEMS INSPECTED									
d) For cables concealed in walls / partitions containing metal parts regardless of depth e) For all AC final circuits supplying luminaires ()	b) Acceptable location (local / remote) c) Clearly identified by position and / or durable marking(s) 6.3 For isolation only: () 8.2 Where used as a protective measure, requirements for SELV or PELV are met: 8.3 Shaver sockets comply with BS EN 61558-2-5 (formerly BS 3535): ()							
Note: Older installations designed prior to BS 7671: 2008 may not have been provided with RCDs for additional protection.	a) Warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device 8.4 Presence of supplementary bonding conductors unless not required by BS 7671: 2018:)							
5.12 Provision of fire barriers, sealing arrangements and protection against thermal effects: 5.13 Band II cables segregated / separated from Band I cables: 5.14 Cables segregated / separated from communications cabling: 5.15 Cables segregated / separated from non-electrical services: 5.16 Termination of cables at enclosures (extent of sampling indicated in PART 7 of the report): a) Connections soundly made and under no undue strain b) No basic insulation of a conductor visible outside enclosure c) Connection of live conductors adequately enclosed d) Adequately connected at point of entry to enclosure 5.17 Condition of accessories including socket-outlets, switches and joint boxes is satisfactory: 6. Isolation and switching	7. Current-using equipment (permanently connected) 7.1 Condition of equipment in terms of IP rating: 7.2 Equipment does not constitute a fire hazard: 7.3 Enclosure not damaged / deteriorated so as to impair safety: 7.4 Suitability for the environment and external influences: 7.5 Security of fixing: 7.6 Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected on a separate page: 7.7 Recessed luminaires (downlighters): 8.5 Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from Zone 1: 8.6 Suitability of equipment for external influences for installed location in terms of IP rating: 8.7 Suitability of equipment for installation in a particular zone: 9. Other Part 7 special installations or locations List of all other special installations or locations, if any, present: () List number and location of luminaires inspected on a separate page: 9. Page No. () 7.7 Recessed luminaires (downlighters): a) Correct type of lamps fitted () b) Installed to minimise build-up of heat () c) No signs of overheating to surrounding building fabric () Indicate if the relevant requirements of Part 7 are satisfied and append results)							
(isolation, switching off for mechanical maintenance and functional switching 6.1 In general: a) Presence and condition of appropriate devices () b) Correct operation verified () 6.2 For isolation and switching for mechanical maintenance only: a) Capable of being secured in the OFF position, where appropriate ()	d) No signs of overheating to conductors / terminations 8. Location(s) containing a bath or shower 8.1 Additional protection by RCD not exceeding 30 mA: a) For low voltage circuits serving the location b) For low voltage circuits passing through Zone 1 and Zone 2 not serving the location () Signature: of inspection on a separate numbered page. SCHEDULE OF ITEMS INSPECTED BY Name (capitals): Signature: Date:								
PART 11 : SCHEDULES AND ADDITIONAL PAGES									
Schedule of Inspections Schedule of Circuit Details an Test Results for the installatio	The state of the s								
Page No(s): (4 & 5) Page No(s): (6) Page No(s): () Page No(s): (<u>N/A</u>))							
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)









							Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations															
PART	12 : SCHEDULE OF CIRCU	IT DETAI	ILS AND	TES'	T RESI	JLTS	Circuits/equipment vulnerable to damage when testing:															
CODES	For Type of wiring (A) Thermoplastic insula sheathed cables	ated / (B) T	hermoplastic ca netallic conduit	ables in	` ' non-m	noplastic cables in netallic conduit	, , metallic trunking		(- /	oplastic / SW/	A cables (G) Thermosetting	/ SWA cables	H) Mineral-insu	ılated cables	(O) othe						
in in	Circuit description		poq	served		cuit ctor csa iji (Protective device			RCD **			Circuit impedances (Ω)			Insul	ulation resistance		earth nce, Zs	RCD operating	Test buttons	
Circuit number	*Where this consumer unit is remote from the installation, record details of the circui this consumer unit on the first lin	the origin of it supplying e.	Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served		Max. disconnection time (BS 7671)	BS (EN)		Type Rating	Short-circuit capacity Operating	Operating current, IΔn	Maximum permitted Zs for installed protective device**	Ring final circuits only (measured end to end)				Live / Live	Live / Earth	Test voltage DC	Polarity Max. measured earth E fault loop impedance, Zs	time	
			ě.	N E E	Live (mm²)	cpc	ш		(A)	JKA)	(mA)	<u>Σ</u> Έ	(Line) rı		pc) r ₂ (R ₁ +R	2) R2	(MΩ)	(ΜΩ)	(V)	Ω) fault	(ms)	RCD AFDD
							D	esignation:	DB001					Pros	ective fau	lt current a	at consu	mer unit	(where	applicab	le): () kA
TESTED BY Name (capitals):					Position:						Signature:						Date:					
	INSTRUMENTS (enter set function:	rial numl Continui	•	ınst e	ach in		used) lation resistand	e:		Earth fa	ult loo	p impeda	ince:	Ea	rth electro	de resistaı	nce:		RCD:			
							**\\/hor	a figura is r		from D	C 7671	ototo oo										

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ADDITIONAL NOTES	
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	(see additional page No. <u>N/A.</u>)

THIS CONDITION REPORT IS AND IMPORTANT AND VALUABLES DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE LES

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 overleaf 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 or the electrical installation in the future. If you later vacate the property, this report will provide the new user with a 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 of 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 uni 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 Approved Contractor to which it was supplied by NICEIC.

You should have received the certificate marked 'Original' and the contractor should have retained the certificate * NICEIC is operated by Certsure LLP, a partnership between the Electrical Contractors' Association and the marked 'Duplicate'.

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).

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



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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