



Contractor's Reference Number

CRN / 48434 - 2013

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A Private Single Villa)

Issued in accordance with British Standard 7671 – Requirements for Electrical Installations by an Approved Contractor or Conforming Body enrolled with BADRY GP, P.O.Box 1527 Alf Maskan, Cairo 11777, EGY. Tel: +20-2-219-06-401.

A. DETAILS OF THE CLIENT

Client: TANFEEZ CO. / Mr. Moataz Eisa

Address: Villa Mr. Moataz –
Swan Lake
Sheikh Zayed – 6 October
Great Cairo - Egypt

Postcode: N / A

B. PURPOSE OF THE REPORT

Purpose for which this report is required: First Fix Installed Electrical Works by terminated contractor (Checking, Condition Report) to be handover to another contractor completing the works and assessment of repairs for fault works

Date(s) on which inspection and testing were carried out: 12/03/2019 -- 19/03/2019

C. DETAILS OF THE INSTALLATION

Occupier: Eng. Omar Amer (Single Private Contractor)

Address: N / A
Mobile No. 010-699-25-104

Postcode: N / A

Estimated age of the Electrical installation: 6 months Evidence of alterations or additions Yes If yes, estimated age 3 month

Date of previous inspection: Unknown Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: Normal Records Report

Records of installation Available: yes Records held by: Eng. Omar (digital com)

D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

INSPECTION AND TESTING OF ALL FIXED WIRING OF THE AREAS OF THE BUILDING

Done - As Noted

Installations limitation including the reasons, if any, on the inspection and testing

Exceeding Conduits filling factor from 50% to 70% for Elec. power and light wiring to minimize cost

Operational limitations mentioned (page. 4 : 9) including their reasons

Referred Tech / Commercial Notes & Recommendation's to be followed

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables furnished within trunking and conduits, or cables and conduits concealed under floors, in inaccessible hidden spaces and generally within the fabric of the building or underground, have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General Condition of the installation (in terms of Electrical Codes; Profession / Practice / Safety):

Most Electrical Installations in Wrong / Fault / Bad Workmanship & Condition
However system does not fully comply with current wiring regulations and some items for fixed equipment require attention (especially those for LC Systems, Security & Home Automation).

Summary of the condition of the installation continued on additional pages? No Yes Specify page No: 4-9

Overall assessment of the installation: **UNSATISFACTORY***

Delete as appropriate

* An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that further investigation without delay (FI) is required

This report should have been reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it. (See declaration on page 2)

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

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Please see the 'Notes for Recipients' on the next to this page.

NOTES FOR RECIPIENT

THIS ELECTRICAL INSTALLATION CONDITION REPORT IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

The purpose of periodic inspection is to determine, so far as is reasonably practicable, whether an electrical installation is in a satisfactory condition for continued service (see Section E and G). 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 Section F), 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 residual current devices (RCDs), there should be a notice at or near the consumer unit stating that they should be tested quarterly. **FOR SAFETY REASONS, IT IS IMPORTANT THAT YOU CARRY OUT THE TEST REGULARLY.**

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 Section I of this report. There should also be a notice at or near the consumer unit indicating when the next inspection of the installation is due. **BADRY* recommends that you engage the services of an Approved Contractor for the inspection.**

This report has been issued in accordance with the national standard for the safety of electrical installations, British Standard 7671 (as amended) – Requirements for Electrical Installations.

Only an ELEC Approved Contractor or Conforming Body is authorized to issue this EICR; Electrical Installation Condition Report in its form.

You should have received the report marked 'Original' and the Approved Contractor should have retained the report marked 'Duplicate'.

The report consists of at least nine 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 on Page 9, one or more additional Schedules of Circuit Details and Test Results for the Installation should form part of the report. The report is invalid if any of the pages identified in Section H are missing. The report has a printed five-digit serial number, which is traceable to the Approved Contractor to which it was supplied by BADRY.

This report form is intended to be issued only for the purpose of reporting on the condition of an existing domestic electrical installation. The report should identify, so far as is reasonably practicable and having regard to the extent and limitations recorded in Section D, any damage, deterioration, defects, dangerous conditions and any non-compliances with the requirements of the national standard for the safety of electrical installations which may give rise to danger, together with any items for which improvement is recommended.

The report should not have been issued to certify that new electrical installation work complies with the requirements of the national safety standard. An 'Electrical Installation Certificate', an 'Electrical

Installation Certificate' or a 'Minor Electrical Installation Works Certificate' (as appropriate) should be issued for the certification of new installation work.

Section D (Extent 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 and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations 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 Section D.

It should be noted that the greater the limitations applying to a report, the less its value from the safety aspect.

A declaration of the overall condition of the installation should have been given by the inspector in Section G of the report. The declaration must reflect the statement given in Section E, which summarizes the observations and recommendations made in Section F. Where one or more observations have been made in Section F, 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 or code C1 (danger present) the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

Where the inspector has indicated an observation or 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 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 micro-generator, the number of sources should have been recorded in Section K Supply Characteristics and Earthing Arrangements on page 3 of the report, and the Schedule of Test Results compiled accordingly.

Where inadequacies in the electricity distributor's or supplier's equipment have been observed (Section 1 of the Schedule of Inspections), 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 BADRY GP Approved Contractor. If the concerns remain unresolved, the person ordering this report may make a formal complaint to BADRY GP, for which purpose a complaint form is available on request.

The complaints procedure offered to BADRY GP is subject to certain terms and conditions, full details of which are available upon application. BADRY GP investigates complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

* BADRY GP is operated by a Management Board, and licensed by the Electrical Contractors' Association follow Electrical Safety First codes. BADRY maintains and publishes by all its members that EICR Report has assessed against particular scheme requirements (including the technical standard of electrical work).

For further information about electrical safety
And how **BADRY** can help you, visit www.badrygroup.com

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A P. SINGLE VILLA)

F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are **no** items adversely affecting electrical safety **or** The following observations and recommendations for action are made **✓**

Item No	Observations	Code †
1	All DB Panels havent RCDs (Earth Leakage) and without safe load schedule or calculations. Moreover they are Non Spaced	C1 / F1
2	Not executed Electric protection system; Earthing (LV & COMM) nor against Lightning	C1 / F1
3	All Kitchen Sockets are normal via bridged wiring less than coded (3mm and less) with more common netural and earthing	C1
4	Gas Boiler hasn't its Power CTs or Power Socket outlets	C1
5	Power Main Feeder and Power Cables from MDB are not protected and with overiding raceways filling	C1
6	LC Main Cables in ground are not protected and with overiding raceways filling	C1
7	Power Risers vertical in walls are not identified and with some overiding raceways filling	C2
8	LC vertical in walls are not identified and with some overiding raceways filling	C2
9	Power & LC Cables in Roof are exposed, not identified and with some overiding raceways filling	C2
10	Most Elec. CTs (Power & Light) in Villa Floors, not identified and with some overiding raceways filling	C2
11	Most Low Current CTs in Villa Floors, not identified and with some overiding raceways filling	C2
12	Most Elec. & LC Outlets / Boxes in Villa Floors, not leveled with plaster and without conduit fittings	C2
13	No Link Race-Way nor Tie-Inns between LCP Automation panels and Data Rack	C2
14	No Link Race-Way between motorized gates and their electric stable source (DB-GT)	C3
15	No Link Race-Way between manual gates and their electric lock nor linked to Intercom @ Data Rack	C3
16	No Control CT Raceway executed for Dimming System in Dining & Ground Living	C3
17	No Lighting / H.A Automation CT Raceway executed for Stair Case	C3
18	H.A Automation CTs Raceway for Home-Theatre (H.T) all are bad work-man-ship (# 4)	C3
19	No Power CT Raceways are executed for Video Intercom	C3
20	No CTs Raceways are executed for Landscape, Elevation Facades, Driver Room @ Basement	C3
Notes*	We recommend to add Emergency Electric Power Source and Emergency / EXIT Lighting System	N/A

Additional pages? No **✓** Yes Specify page No(s):

† One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the 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 FI 'Further investigation required without delay'.

Please see the reverse of this page for guidance regarding the Classification codes.

Immediate remedial action
required for items: 1 : 6

Urgent remedial action
required for items: 7 : 13

Further investigation required
without delay for items: 1 : 2

Improvement
Recommended for items: 14 : 20 + NOTE (Emergency)

G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see C), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see F) and the attached schedules (see H), 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 (see D).

I/We further declare that in my/our judgement, the overall assessment of the installation in terms of its suitability for continued use is **/ UNSATISFACTORY***

(see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

* An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required

INSPECTION, TESTING AND ASSESSMENT BY:

Signature:

Name: MOHAMED EL-BADRY

Position: ELECTRICAL ENGINEER

Date: 19/03/2019

REPORT REVIEWED AND CONFIRMED BY:

Signature:

Name: Ena. Hanv El-Badrv – BADRY GP COO

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 20/03/2019

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections: Page(s) No 4, 5, 6

Additional pages, including data sheets for additional source(s): Page No(s)

Schedule of Circuit Details for the Installation: Page No(s)

Schedule of Test Results for the Installation: Page No(s)

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

Please see the 'Guidance for Recipients on the Classification codes' on the next of this page.



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GUIDANCE FOR RECIPIENTS ON THE CLASSIFICATION CODES

Only one Classification code should have been given for each recorded observation.

شركة البدرى للأعمال الكهروميكانيكية
إحدى شركات مجموعة البدرى للتصميم والاستشارات
BADRY Electro-Mechanical Works Co.

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 responsible for the maintenance of the installation 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. BADRY GP Approved Contractor issuing this report will be able to provide further advice.

BADRY 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**. BADRY GP Approved Contractor issuing this report will be able to provide further advice.

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 practice / safety standards which, whilst not presenting immediate or potential danger, would result in a significant validity / safety improvement if remedied. Careful consideration should be given to the safety benefits of improving these aspects of the installation. BADRY GP Approved Contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given at Section I 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.

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 (Section E) 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 a BADRY 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 entitled 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

January 2015



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I. NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Months

(Enter interval in terms of years or months, as appropriate)

provided that any items at F which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or FI (further investigation required without delay) are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F).

J. DETAILS OF BADRY APPROVED CONTRACTOR

Trading title: BADRY MEP

Address: Unit 5
6B Sixth October St. from Geser Suez
El-Salam- Cairo- Egypt

Telephone number: 02-219-06-401

Email address: mep@badrygroup.com

Enrolment number:
(Essential information) 0 4 8 4 3 4

Branch number:
(if applicable) 0 1 0

Postcode: 11777 CA

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Tick boxes or enter details as appropriate

System type(s)	Number and type of live conductors	Nature of supply parameters	Characteristics of primary supply overcurrent protective device(s)
TN-S N/A	a.c. N/A Other (please state)	Nominal voltage(s) $U^{(1)}$ 230 V $U_n^{(1)}$ 230 V	BS(EN) 1361 Type X
TN-CS N/A	1-phase-2W N/A 1-phase (3-wire) N/A	Nominal frequency, $f^{(1)}$ 50 Hz Number of sources 1	Rated current N/A A
TT N/A	2-phase (3-wire) N/A 3-phase (4-wire) N/A 3-phase N/A	Prospective fault current, $I_{pf}^{(2)(3)}$ 1.8 kA Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one source, record the higher or highest value (4) by measurement External earth fault impedance, Z_e 0.13 Ω	Short-circuit capacity N/A kA Confirmation of supply polarity N/A (✓)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Tick boxes or enter details as appropriate

Means of earthing		Details of installation earth electrode (where applicable)	
Distributor's facility: N/A	Type: (eg rod(s), tapes etc) N/A	Location: N/A	
Installation earth electrode: N/A	Electrode resistance, R_A : N/A	Method of measurement: N/A	

Main Switch/Switch-Fuse/Circuit-Breaker/RCD		Earthing and protective bonding conductors		
Type BS(EN) N/A	Voltage rating 230 V	Earthing conductor	Main protective bonding conductors	Bonding of extraneous-conductive-parts (X)
No of poles 2	Rated current, I_n 100 A	Conductor material copper	Conductor material LIM	Water installation pipes N/A Lightning protection N/A Other (Specify) N/A
Primary supply conductors (material) copper	RCD operating current, $I_{\Delta n}$ N/A	Conductor csa 10 mm ²	Conductor csa mm ²	Oil installation pipes N/A Structural steel N/A
Primary supply conductors (csa) 95 mm ²	Rated time delay N/A	Connection/continuity verified N/A (X)	Connection/continuity verified LIM (X)	Gas installation pipes N/A
	RCD operating time (at $I_{\Delta n}$) [*] N/A			



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1.0 Condition/adequacy of distributor's/supply intake equipment†

1.1	Service cable	✓	
1.2	Service head	✓	
1.3	Distributor's earthing arrangement	X	C1 – F1
1.4	Meter tails - Distributor/Consumer	X	
1.5	Metering equipment	X	
1.6	Means of main isolation (where present)	N/A	

2.0 Presence of adequate arrangements for other sources (microgenerators etc)

2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A	

3.0 Earthing and bonding arrangements

3.1	Presence and condition of distributor's earthing arrangement	X	C1 – F1
3.2	Presence and condition of earth electrode connection	N/A	C1
3.3	Confirmation of adequate earthing conductor size	N/A	C1
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	N/A	C1
3.5	Confirmation of adequate main protective bonding conductor sizes	N/A	
3.6	Accessibility and condition of main protective bonding conductor connections	N/A	
3.7	Accessibility and condition of other protective bonding connections	N/A	
3.8	Provision of earthing and bonding labels at all appropriate locations	N/A	

4.0 Consumer unit(s)

4.1	Adequacy of working space or access to consumer unit	X	C1
4.2	Security of fixing	X	C1
4.3	Condition of enclosure(s) in terms of IP rating	X	C1
4.4	Condition of enclosure(s) in terms of fire rating	X	C1
4.5	Enclosure not damaged/deteriorated so as to impair safety	X	C1
4.6	Presence of linked main switch	X	C1
4.7	Operation of main switch (functional check)	✓	
4.8	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	X	C1
4.9	Correct identification of circuits and protective devices	X	
4.10	Presence of RCD test notice at or near consumer unit	X	C1
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	N/A	C1
4.12	Presence of alternative or additional supply warning notice at or near consumer unit	N/A	
4.13	Presence of replacement next inspection recommendation label	X	
4.14	Presence of other required labelling (please specify)	X	
4.15	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	N/A	
4.16	Single-pole switching or protective devices in the line conductors only	✓	
4.17	Protection against mechanical damage where cables enter consumer unit	X	C1

† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

* All boxes must be completed.

✓ indicates **Acceptable condition**

LIM indicates a **Limitation**

N/A indicates **Not applicable**

Unacceptable condition state C1 or C2

Improvement recommended state C3

Further investigation required without delay state FI (to determine whether danger or potential danger exists)

Outcome

Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report.



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Original (To TANFEEZ ordering the work)

4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	N/A			
4.19	RCDs provided for fault protection – includes RCBOs	X	C1		
4.20	RCDs provided for additional protection – includes RCBOs	X	C1		
4.21	Confirmation of indication that SPD is functional	N/A			
4.22	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	X	C1		
5.0 Distribution/final circuits					
5.1	Identification of conductors	X			
5.2	Cables correctly supported throughout their length	X	C2		
5.3	Condition of insulation of live parts	✓			
5.4	Non-sheathed cables 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	N/A			
5.7	Presence and adequacy of circuit protective conductors	N/A			
5.8	Co-ordination between conductors and overload protective devices	N/A			
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	X	C2		
5.10	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage				
	• installed in prescribed zones (see Section D. Extent and limitations)	X	C1		
	• incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations)	X	C1		
5.11 Provision of additional protection by RCD not exceeding 30 mA					
	• †for all socket-outlets of rating 20 A or less	X	C1		
	• †for mobile equipment not exceeding a rating of 32A for use outdoors	X			
	• †for cables installed in walls or partitions at a depth of less than 50 mm	X	C1		
	• †for cables installed in walls / partitions containing metal parts regardless of depth	X	C1		
5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	N/A			
5.13	Band II cables segregated/separated from Band I cables	N/A			
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 Section D of the report)					
	• Connections soundly made and under no undue strain	N/A			
	• No basic insulation of a conductor visible outside enclosures	✓			
	• Connections of live conductors adequately enclosed	✓			
	• Adequately connected at point of entry to enclosure (glands, bushes etc.)	X	C2		
5.17	Condition of accessories including socket-outlets, switches and joint boxes	N/A			
5.18	Suitability of accessories for external influences	N/A			

†Note: Older installations designed prior to BS 7671:2008 may not have been provided with RCDs for additional protection

* All boxes must be completed.

✓ indicates **Acceptable condition**

LIM indicates a **Limitation**

N/A indicates **Not applicable**

Unacceptable condition state C1 or C2

Improvement recommended state C3

Further investigation required without delay state FI

(to determine whether danger or potential danger exists)

Outcome

Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report.



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5.19	Adequacy of working space / accessibility to equipment	✓		
5.20	Single-pole devices for switching or protection in line conductors only	✓		
6.0	Isolation and switching (isolation, switching off for mechanical maintenance and functional switching)			
6.1	In general			
	• presence and condition of appropriate devices	✓	C3	
	• correct operation verified	✓	C3	
6.2	For isolation and switching for mechanical maintenance only			
	• capable of being secured in the OFF position where appropriate	X	C1	
	• acceptable location – state if local or remote from equipment being controlled where appropriate	X	C2	
	• clearly identified by position and/or durable marking(s)	X	C3	
6.3	For isolation only			
	• warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	X	C3	
7.0	Current-using equipment (Permanently connected)			
7.1	Condition of equipment in terms of IP rating	N/A		Out Of Scope
7.2	Equipment does not constitute a fire hazard	N/A		Out Of Scope
7.3	Enclosure not damaged/deteriorated so as to impair safety	N/A		Out Of Scope
7.4	Suitability for the environment and external influences	N/A		Out Of Scope
7.5	Security of fixing	N/A		Out Of Scope
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. (Separate page)	N/A		Out Of Scope
7.7	Recessed luminaires (downlighters)			
	• correct type of lamps fitted	N/A		Out of Scope
	• installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar	N/A		Out of Scope
	• no signs of overheating to surrounding building fabric	N/A		Out of Scope
	• no signs of overheating to conductors/terminations	N/A		Out of Scope
8.0	Location(s) containing a bath or shower			
8.1	Additional protection by RCD not exceeding 30 mA			
	• for low voltage circuits serving the location	X		C1
	• for low voltage circuits passing through Zone 1 and Zone 2 not serving the location	X		C1
8.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A		
8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535	N/A		Out Of Scope
8.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	N/A		
8.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	X		C2
8.6	Suitability of equipment for external influences for installed location in terms of IP rating	N/A		Out of Scope
8.7	Suitability of equipment for installation in a particular zone	N/A		Out of Scope
9.0	Other special installations or locations - Part 7s			
9.1	List all other special installations or locations present, if any. (Record the results of particular inspection applied separately).	N/A		Out of Scope

* All boxes must be completed.

'✓' indicates **Acceptable condition**

'LIM' indicates a **Limitation**

'N/A' indicates **Not applicable**

Unacceptable condition state C1 or C2

Improvement recommended state C3

Further investigation required without delay state FI

(to determine whether danger or potential danger exists)

Outcome

Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report.

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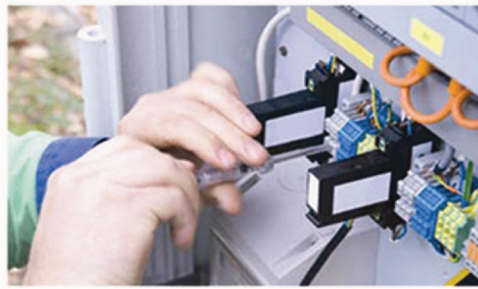
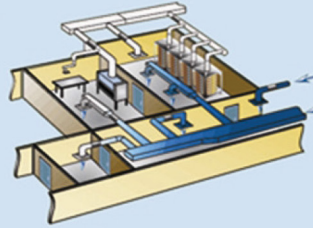
شركة البدرى للأعمال الكهروميكانيكية

إحدى شركات مجموعة البدرى للتنمية والاستثمار

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