



Electrical Installation Condition Report

for Domestic and Similar Premises with up to 100A Supply

Requirements for Electrical Installations – BS 7671: 2008
Incorporating Amendment No 3:2015 [IET Wiring Regulations
17th Edition] Only for the reporting on the condition of an existing
installation.

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A Details of the installation

Client	Corinna Eadie	Installation (If different from client)	
Address	MBE Ltd, Unit 12, Clifton Moor Business Village James Nicholson Link, Clifton Moor York, North Yorkshire	Address	10 Dudley Mews York, North Yorkshire
Postcode	YO30 4XG	Postcode	YO31 8RG

B Reason for producing this report *This form to be used only for reporting on the condition of an existing installation.*

Landlords Certificate

Date(s) on which the inspection and testing were carried out 09/08/2018 to 09/08/2018

C Details of the installation which is the subject of this report

Description of premises Domestic Commercial Industrial Other (please state) _____

Estimated age of the wiring system 10 years

Evidence of alterations or addition Yes No Not apparent If 'Yes', estimated NA years

Records of installation available Yes No Records held by NA

Date of last inspection Not Known Electrical Installation Certificate No. or previous Inspection Report No. Not known

D Extent and limitations of inspection and testing

Extent of electrical installation covered by this report:
During this report we were unable to inspect the full length of the cables. These have only been inspected within the 20% of outlets removed. No floors have been lifted, ceiling's or boxing's removed throughout the test.

Agreed limitations (See Regulations 634.2) Agreed with: Client

Operational limitations including the reasons None

The inspection and testing detailed within this report and accompanying schedule has been carried out in accordance with BS 7671: 2008 (IET Wiring Regulations), amended to 2015 (date) It should be noted that cables concealed within the trunkings and conduits, under floors, in roof spaces and generally within the fabric of the building or underground have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

E Summary of the condition of the installation

General conditions of the Installation (in terms of safety)
The condition of this installation was overall satisfactory

Overall assessment of the installation in terms of its suitability for continued use SATISFACTORY UNSATISFACTORY*

* An UNSATISFACTORY assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified

F Recommendations

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY, I / We recommend that any observations classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'further investigation required' (code FI) Observations classified as 'Improvement recommended' (code C3) should be given due consideration. Subject to the necessary remedial action being taken, I / we recommend that the installation is further inspected and tested by 09/08/2023 (date)

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 above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section D of this report.

Company	G S Electrical	Inspected and tested by	Authorised for issue by
Membership No.	30819	Name:	Samuel Grice
Address	3 Monkton Road	Signature:	Samuel Grice
		Position:	Partner
Postcode	YO31 9AJ	Date:	Not Specified
			Not Specified

H Schedule(s)

3 schedule(s) of inspection and 2 schedule(s) of test results are attached.
The attached schedule(s) are part of this document and this report is valid only when they are attached to it.



Electrical Installation Condition Report Inspection Schedule

for Domestic and Similar Premises with up to 100A Supply

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 installation not exclusively domestic.

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A Schedule of Inspections Outcomes

Acceptable condition: Pass	Unacceptable condition: State C1 or C2	Improvement recommended: C3	Further investigation FI	Not verified: NV	Limitation: Lim	Not applicable: N/A
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(In the Outcome column use the codes above. Provide additional comment where appropriate. C1/C2/C3 and FI coded items to be recorded in section K of the condition report)

Item No.	Description	Outcome
1.0	DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT	
1.1	Condition of service cable	Pass
1.2	Condition of service head	Pass
1.3	Condition of distributor's earthing arrangement	Pass
1.4	Condition of meter tails - Distributor / Consumer	Pass
1.5	Condition of metering equipment	Pass
1.6	Condition of isolator (where present)	Pass
2.0	Presence of adequate arrangements for:	
2.1	Other sources such as microgenerators [551.6; 551.7]	N/A
3.0	EARTHING / BONDING ARRANGEMENTS [411.3; Chap.54]	
3.1	Presence and condition of distributor's earthing arrangement [542.1.2.1; 542.1.2.2]	Pass
3.2	Presence and condition of earth electrode connection where applicable [542.1.2.3]	N/A
3.3	Provision of earthing / bonding labels at all appropriate locations [514.13.1]	Pass
3.4	Confirmation of earthing conductor size [542.3; 543.1.1]	Pass
3.5	Accessibility and condition of earthing conductor at MET [543.3.2]	Pass
3.6	Confirmation of main protective bonding conductor sizes [544.1]	Pass
3.7	Condition and accessibility of main protective bonding conductor connections [543.3.2; 544.1.2]	Pass
3.8	Accessibility and condition of all other protective bonding connections [543.3.2]	Pass
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)	
4.1	Adequacy of working space / accessibility to consumer unit / distribution board [132.12; 513.1]	Pass
4.2	Security of fixing [134.1.1]	Pass
4.3	Condition of enclosure[s] in terms of IP rating etc [416.2]	Pass
4.4	Condition of enclosure[s] in terms of fire rating etc [421.1.201; 526.5]	Pass
4.5	Enclosure not damaged/deteriorated so as to impair safety [(621.2 (iii))]	Pass
4.6	Presence of linked main switch [as required by 537.1.4]	Pass
4.7	Operation of main switch [functional check] [612.13.2]	Pass
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection [612.13.2]	Pass
4.9	Correct identification of circuit details and protective devices [514.8.1; 514.9.1]	Pass
4.10	Presence of RCD quarterly test notice at or near consumer unit / distribution board [514.12.2]	Pass
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board [514.14]	N/A
4.12	Presence of alternative supply warning notice at or near consumer unit / distribution board [514.15]	N/A
4.13	Presence of other required labelling [Please specify] [Section 514]	N/A
4.14	Examination of protective device[s] and base[s]; correct type and rating [no signs of unacceptable thermal damage, arcing and overheating] [421.1.3]	Pass
4.15	Single-pole switching or protective devices in line conductors only [132.14.1; 530.3.2]	Pass
4.16	Protection against mechanical damage where cables enter consumer unit / distribution board [522.8.1; 522.8.11]	Pass
4.17	Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures [521.5.1]	Pass
4.18	RCD[s] provided for fault protection - includes RCBO[s] [411.4.9; 411.5.2; 531.2]	Pass

Inspector's Name Samuel Grice
 Date 09/08/2018

Signature

Samuel Grice

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Schedule of Inspections Outcomes

Acceptable condition: <i>Pass</i>	Unacceptable condition: State <i>C1 or C2</i>	Improvement recommended: <i>C3</i>	Further investigation <i>FI</i>	Not verified: <i>NV</i>	Limitation: <i>Lim</i>	Not applicable: <i>N/A</i>
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(In the Outcome column use the codes above. Provide additional comment where appropriate.
C1/C2/C3 and FI coded items to be recorded in section K of the condition report)

Item No	Description	Outcome
4.19	RCD[s] provided for additional protection includes RCBO[s] [411.3.3;415.1]	Pass
4.20	Confirmation of indication that the SPDs functional [534.2.8]	N/A
4.21	Confirmation that ALL conductor connections including busbars, are correctly located in terminals and are tight and	Pass
4.22	Adequate arrangements where a generator set operates as a switched alternative to the public supply [551.6]	N/A
4.23	Adequate arrangements where a generator set operates in parallel with the public supply [551.7]	N/A
6.0	FINAL CIRCUITS	
5.1	Identification of conductors [514.3.1]	Pass
5.2	Cables correctly supported throughout their run [522.8.5]	Pass
5.3	Condition of insulation of live parts [416.1]	Pass
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking [521.10.1] To include the integrity of conduit and trunking systems [metallic and plastic]	Pass
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of the installation [Section 523]	Pass
5.6	Co-ordination between conductors and overload protective devices [433.1; 533.2.1]	Pass
5.7	Adequacy of protective devices; type and rated current for fault protection [411.3]	Pass
5.8	Presence and adequacy of circuit protective conductors [411.3.1.1; 543.1]	Pass
5.9	Wiring system[s] appropriate for the type and nature of the installation and external influences [Section 522]	Pass
5.10	Concealed cables installed in prescribed zones [See Section D. extent and limitations] [522.6.202]	Lim
5.11	Cables concealed under floors, above ceilings or in walls / partitions, adequately protected against damage. [See section D, Extent and limitations] [522.6.204]	Lim
5.12	Provision of additional protection by RCD not exceeding 30mA:	
5.12.1	for all socket-outlets of rating 20 A or less unless exempt [Regulation 411.3.3]	Pass
5.12.2	for supply to mobile equipment not exceeding 32 A rating for use outdoors [411.3.3]	N/A
5.12.3	for cables concealed in walls / partitions at a depth of less than 50mm [522.6.202; 522.6.203]	C3
5.12.4	for cables concealed in walls / partitions containing metal parts regardless of depth [522.6.203]	Pass
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects [Section 527]	Pass
5.14	Band II Cables segregated / separated from Band I cables [528.1]	Pass
5.15	Cables segregated / separated from communications cabling [528.2]	Pass
5.16	Cables segregated / separated from non-electrical services [528.3]	Pass
5.17	Termination of cables at enclosures – indicate extent of sampling in Section D of the report [Section 526]	
5.17.1	Connections soundly made and under no undue strain [526.6]	Pass
5.17.2	No basic insulation of a conductor visible outside enclosure [526.8]	Pass
5.17.3	Connections of live conductors adequately enclosed [526.5]	Pass
5.17.4	Adequately connected at point of entry to enclosure [glands, bushes etc...] [522.8.5]	Pass
5.18	Condition of accessories including socket-outlets, switches and joint boxes [621.2 [iii]]	Pass
5.19	Suitability of accessories for external influences [512.2]	Pass
5.20	Adequacy of working space / accessibility to equipment [132.12; 513.1]	Pass
5.21	Single-pole switching or protective devices in live conductors only [132.14.1; 530.3.2]	Pass

Inspector's Name Samuel Grice

Signature

Date 09/08/2018

Samuel Grice

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Schedule of Inspections

Outcomes

Acceptable condition: <i>Pass</i>	Unacceptable condition: State <i>C1 or C2</i>	Improvement recommended: <i>C3</i>	Further investigation <i>FI</i>	Not verified: <i>NV</i>	Limitation: <i>Lim</i>	Not applicable: <i>N/A</i>
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(In the Outcome column use the codes above. Provide additional comment where appropriate.
 C1/C2/C3 and FI coded items to be recorded in section K of the condition report)

Item No.	Description	Outcome
6.0	LOCATION(S) CONTAINING A BATH OR SHOWER	
6.1	Additional protection for all low voltage LV circuits by RCD[s] not exceeding 30 mA [701.411.3.3]	C3
6.2	Where used as a protective measure, requirements for SELV or PELV met [701.414.4.5]	Pass
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 [701.512.3]	N/A
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 [701.415.2]	Pass
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 [701.512.3]	Pass
6.6	Suitability of equipment for external influences for installed location in terms of IP rating [701.512.2]	Pass
6.7	Suitability of accessories and control gear etc for a particular zone [701.512.3]	Pass
6.8	Suitability of current-using equipment for particular position within the location [701.55]	Pass
7.0	OTHER SPECIAL INSTALLATIONS OR LOCATIONS	
7.1	List all other special installations or locations present, if any. [Record the results of particular inspections applied separately]	

Schedule of Tests

Results to be recorded on Schedule of Test Results

(Insert Yes or N/A)

- Yes External earth loop Impedance, Z_e
- N/A Installation earth electrode
- Yes Prospective fault current I_{pf}
- Yes Continuity of Earth Conductors
- Yes Continuity of Circuit Protective Conductors
- Yes Continuity of ring final conductors
- Yes Continuity of Protective Bonding Conductors
- Yes Volt drop verified

- Yes Insulation Resistance between Live conductors
- Yes Insulation Resistance between Live conductors & Earth Polarity (Prior to energisation)
- Yes Polarity (prior to energisation)
- Yes Polarity (after energisation) including phase sequence
- Yes Earth fault loop impedance
- Yes RCDs / RCBOs including discrimination
- Yes Functional testing of devices.

Inspector's Name **Samuel Grice**
 Date **09/08/2018**

Signature
Samuel Grice

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Electrical Installation Condition Report Test Schedule

for Domestic and Similar Premises with up to 100A Supply
 Requirements for Electrical Installations - BS 7671:2008 Incorporating Amendment No.3 2015
 [IET Wiring Regulations 17th Edition]

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Client Corinna Eadie
 Complete in every case
 Location of distribution board Meter Cupboard
 Distribution board designation DB1
 Number of ways 1
 Installation address 10 Dudley Mews, York, North Yorkshire
 Complete only if the distribution board is not connected directly to the origin of the installation
 Supply to distribution board is from
 Overcurrent protective device for the distribution circuit Type BS(EV) 1
 No. of phases 1
 Nominal Voltage V
 Rating A
 Phase sequence confirmed
 Supply polarity confirmed
 Characteristics at this distribution board
 Z_{sb} Ω
 I_{pr} kA
 Operating times of associated RCD (if any) ms
 AT I_{Δn} ms
 I_{Δn} mA
 Associated RCD (if any): BS (EN) 101514435
 Earth fault loop impedance Ω
 Insulation resistance 101514435
 Continuity 101514435
 RCD 101514435
 Postcode YO31 8RG
 Test instrument serial number(s)

CIRCUIT DETAILS

Circuit No. and line No.	Circuit designation	Type of wiring	Ref. method	No. of points served	Circuit conductors		Maximum disconnection time (BS.7671) (s)	Overcurrent protective devices		BS7671 Max. permitted value for other than 80%	RCD operating current I _{Δn} (mA)	BS EN Number	Breaking capacity		BS EN Number	Type	Rating (A)	Rating (kA)	Circuit impedance Ω		Insulation resistances (Record lower reading)		Maximum measured Ω (R1)	RCD listing	
					Live (mm ²)	CPC (mm ²)		BS EN Number	Rating (A)				Rating (kA)	Ring final circuits only (measured end to end)					Live / Live (MΩ)	Live / Earth (MΩ)	at 1 Δn ms	at 5 Δn ms			Polarity
1	Distribution Board 2	1 C 1 16	C	1	6	5	1361	2	80	33	NA	0.50	NA	0.02	NA	>200	>200	(MΩ)	(MΩ)	NA	NA	0.24	NA	NA	NA

Details of circuits and/or installed equipment vulnerable to damage when testing
 RCD's, Bollers, Smoke Alarms, Appliances, Internet Hub, Computers, LED Lighting, Security Alarm

Wiring Types 1= PVC/PVC 2= Single insulated in Conduit or Trunking 3= Mineral Insulated 4= SWA/PLE 5= FP200

Tested by: Name (capital letters) SAMUEL GRICE
 Position Partner
 Signature Samuel Grice
 Date 09/09/2018

This form is based on the requirements of Appendix 6 of BS 7671
 NAPIT Administration Centre, 4th Floor, Mill 3, Pleasley Vale Business Park, Mansfield, Nottinghamshire NG19 8RL



Electrical Installation Co. Condition Report Test Schedule

for Domestic and Similar Premises with up to 100A Supply Requirements for Electrical Installations - BS 7671:2008 incorporating Amendment No.3 2015 [IET Wiring Regulations 17th Edition]

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Client: Corinna Eadie
 Complete in every case
 Location of distribution board: Bedroom
 Distribution board designation: DB2
 Number of ways: 10
 Installation address: 10 Dudley Mews, York, North Yorkshire
 Postcode: YO31 8RG
 Test instrument serial number(s):
 Earth fault loop impedance: 101514435
 Insulation resistance: 101514435
 Continuity: 101514435
 RCD: 101514435

Associated RCD (if any): BS (EN) N/A
 Characteristics at this distribution board:
 Z_s: 0.24 Ω
 Operating time: All In NA ms
 I_{pn}: NA mA
 I_{pr}: 0.945 kA
 RCD (if any): at 5 I_{pn} NA ms

Overcurrent protective device for the distribution circuit:
 Type BS(EN) 1361
 Supply polarity confirmed: Phase sequence confirmed:

Circuit No. and line No.	Circuit designation	Type of wiring	Ref. method	No. of points served	Circuit conductors		Maximum disconnection time (BS 7671) (s)	Overcurrent protective devices		ES7671 Max. allowed values for other associated RCD (if any)	Circuit impedance Ω		Insulation resistance (Record lower reading)		RCD testing				
					Live (mm ²)	CPC (mm ²)		Type	Rating (A)		Breaking capacity (kA)	I _{pn} (mA)	I _{pr} (kA)	Ring final circuits only (measured end to end)	All circuits to be completed using R1+R2, or R2, not both	Live / Live (MΩ)	Live / Earth (MΩ)	at 5 I _{pn} ms	at 5 I _{pn} operation (s)
1	Cooker	1 C 1	C 1	6	2.5	0.4	60888	B	32	6	NA	1.10	NA	NA	NA	NA	NA		
2	Central Heating	1 C 1	C 1	2.5	1.5	0.4	60808	B	16	6	NA	2.10	NA	NA	NA	NA	NA		
3	Lights	1 C 8	C 8	1	1	0.4	60888	B	6	6	NA	5.62	NA	NA	NA	NA	NA		
4	Smoke Detection	1 C 1	C 1	1	1	0.4	60888	B	6	6	NA	5.62	NA	NA	NA	NA	NA		
5	Spare	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
6	Spare	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
7	Spare	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
8	Skts Kitchen	1 C 6	C 6	2.5	1.5	0.4	60888	B	32	6	30	1.10	0.43	0.65	0.27	NA	>200	17	✓
9	Skts Flat	1 C 8	C 8	2.5	1.5	0.4	60888	B	32	6	30	1.10	0.61	0.96	0.39	NA	>200	17	✓
10	Shower	1 C 1	C 1	10	4	5	60888	B	40	6	30	0.87	NA	NA	0.36	NA	>200	28	✓

Details of circuits and/or installed equipment vulnerable to damage when testing
 RCD's, Boilers, Smoke Alarms, Appliances, Internet Hub, Computers, LED Lighting, Security Alarm

Wiring Types: 1- PVC/PVC 2- Single insulated in Conduit or Trunking 3- Mineral Insulated 4- SVA/ADPLE 5- FP200

Tested by: Name (capital letters) SAMUEL GRICE
 Position Partner
 Signature Samuel Grice
 Date 09/08/2018