BS 7671:2018+A2:2022
MODEL FORMS FOR CERTIFICATION AND REPORTING

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Forms included in this file

1 Electrical Installation Certificate (EIC)

2 Minor Electrical Installation Works Certificate (MEIWC)

3 Electrical Installation Condition Report (EICR)

4 Schedule of Inspections

5 Schedule of Circuit Details

6 Schedule of Test Results

28th March 2022

ELECTRICAL INSTALLATION CERTIFICATE

(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS - BS 7671)

Certificate No.: .....

DETAILS OF THE CLIENT

.....

INSTALLATION ADDRESS

.....

.....

DESCRIPTION AND EXTENT OF THE INSTALLATION

Description of installation:

New installation ☐

Extent of installation covered by this Certificate:

Addition to an existing installation ☐

(Use continuation sheet if necessary) See continuation sheet No: .....

Alteration to an existing installation ☐

FOR DESIGN

I/We, being the person(s) responsible for the design 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 design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671:2018, amended to ..... (date) except for the departures, if any, detailed as follows:

Details of departures from BS 7671 (Regulations 120.3, 133.1.3 and 133.5):

Details of permitted exceptions (Regulation 411.3.3). Where applicable, a suitable risk assessment(s) must be attached to this Certificate.

Risk assessment attached ☐

The extent of liability of the signatory or signatories is limited to the work described above as the subject of this Certificate.

For the DESIGN of the installation: ..... **(Where there is mutual responsibility for the design)

Signature: ..... Date: ..... Name (IN BLOCK CAPITALS): ..... Designer No 1

Signature: ..... Date: ..... Name (IN BLOCK CAPITALS): ..... Designer No 2**

FOR CONSTRUCTION

I, being the person responsible for the construction of the electrical installation (as indicated by my signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671:2018, amended to ..... (date) except for the departures, if any, detailed as follows:

Details of departures from BS 7671 (Regulations 120.3 and 133.5):

The extent of liability of the signatory or signatories is limited to the work described above as the subject of this Certificate.

For CONSTRUCTION of the installation: .....

Signature: ..... Date: ..... Name (IN BLOCK CAPITALS): ..... Constructor

FOR INSPECTION AND TESTING

I, being the person responsible for the inspection & testing of the electrical installation (as indicated by my signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection & testing hereby CERTIFY that the work for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671:2018, amended to ..... (date) except for the departures, if any, detailed as follows:

Details of departures from BS 7671 (Regulations 120.3 and 133.5):

The extent of liability of the signatory or signatories is limited to the work described above as the subject of this Certificate.

For INSPECTION AND TESTING of the installation: .....

Signature: ..... Date: ..... Name (IN BLOCK CAPITALS): ..... Inspector

NEXT INSPECTION

I/We, the designer(s), recommend that this installation is further inspected and tested after an interval of not more than ..... years/months.

Certificate No.: .....

PARTICULARS OF SIGNATORIES TO THE ELECTRICAL INSTALLATION CERTIFICATE

Designer (No 1) Name: ..... Company: .....
Address: .....
..... Postcode: ..... Tel No: .....

Designer (No 2) (if applicable) Name: ..... Company: .....
Address: .....
..... Postcode: ..... Tel No: .....

Constructor Name: ..... Company: .....
Address: .....
..... Postcode: ..... Tel No: .....

Inspector Name: ..... Company: .....
Address: .....
..... Postcode: ..... Tel No: .....

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements	Number and Type of Live Conductors		Nature of Supply Parameters	Supply Protective Device
TN-C ☐	AC ☐	DC ☐	Nominal voltage, U / U_0 (1) V	BS (EN) .....
TN-S ☐	1-phase, 2-wire ☐	2-wire ☐	Nominal frequency, f (1) ..... Hz	Type .....
TN-C-S ☐	2-phase, 3-wire ☐	3-wire ☐	Prospective fault current, I_{pf} (2) ..... kA	Rated current ..... A
TT ☐	3-phase, 3-wire ☐	Other ☐	External earth fault loop impedance, Z_e (2) ..... Ω	
IT ☐	3-phase, 4-wire ☐		*(Note: (1) by enquiry (2) by enquiry or by measurement)*	
	Confirmation of supply polarity ☐			

Other sources of supply (as detailed on attached schedule) ☐

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Means of Earthing
Distributor's facility ☐
Installation earth electrode ☐

Maximum Demand
Maximum demand (load) ..... kVA / Amps (Delete as appropriate)

Details of Installation Earth Electrode (where applicable)
Type (e.g. rod(s), tape etc) .....
Location .....
Electrode resistance to Earth .....

Main Protective Conductors

Earthing conductor	Material	csa ..... mm²	Connection / continuity verified ☐
Main protective bonding conductors	Material	csa ..... mm²	Connection / continuity verified ☐

To water installation pipes ☐ To gas installation pipes ☐ To oil installation pipes ☐ To structural steel ☐ To lightning protection ☐
To other ☐ Specify .....

Main switch / Switch-fuse / Circuit-breaker / RCD

Location .....
.....
BS (EN) .....
No of poles .....

Current rating ..... A
Fuse / device rating or setting ..... A
Voltage rating V

If RCD main switch
RCD Type .....
Rated residual operating current ($I_{\Delta n}$) ..... mA
Rated time delay ..... ms
Measured operating time ..... ms

Schedule of Inspections

Item No.	Description	Outcome ✓ / N/A	Item No.	Description	Outcome ✓ / N/A
1.0	Condition of consumer's intake equipment (Visual inspection only)		8.0	Circuits (Distribution and Final)	
			9.0	Isolation and switching	
2.0	Parallel or switched alternative sources of supply		10.0	Current-using equipment (permanently connected)	
3.0	Protective measure: Automatic Disconnection of Supply (ADS)				
			11.0	Identification and notices	
4.0	Basic protection		12.0	Location(s) containing a bath or shower	
5.0	Protective measures other than ADS		13.0	Other special installations or locations	
6.0	Additional protection		14.0	Prosumer's low voltage electrical installation(s)	
7.0	Distribution equipment				

COMMENTS ON EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2):

.....
.....
.....
.....
.....
.....

SCHEDULES

This Certificate is valid only when ..... Schedules of Circuit Details and Test Results are attached. (Enter quantities of schedules attached).

GENERIC SCHEDULE OF CIRCUIT DETAILS

Certificate/Report No.: .....

Distribution board details

DB reference: ..... Location: ..... Supplied from: .....

Distribution circuit OCPD: BS (EN): ..... Type: ..... Rating/Setting: ..... A

SPD Details: Type(s)*: T1 ☐ T2 ☐ T3† ☐ N/A ☐

CIRCUIT DETAILS

		Conductor details					Overcurrent protective device					RCD			
					Number & size										
1 Circuit number	2 Circuit description	3 Type of wiring	4 Reference method‡	5 Number of points served	6 Live (mm^2)	7 cpc (mm^2)	8 BS (EN)	9 Type	10 Rating (A)	11 Breaking capacity (kA)	12 Maximum permitted Z_s (Ω)§	13 BS (EN)	14 Type	15 $I_{\Delta n}$ (mA)	16 Rating (A)

CODES FOR TYPES OF WIRING

A	B	C	D	E	F	G	H	O
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other - please state .....

* SPD Type. Where a combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type boxes.

† Where a T3 SPD is installed to protect sensitive equipment, enter details in 'Remarks', column 31, of the Schedule of Test Results. (See Section 534 of BS 7671:2018+A2:2022.)

‡ See Table 4A2 of Appendix 4 of BS 7671:2018+A2:2022.

§ Where the maximum permitted earth fault loop impedance value stated in column 12 is taken from a source other than the tabulated values given in Chapter 41 of BS 7671:2018+A2:2022, state the source of the data in the appropriate cell for the circuit in the 'Remarks', column 31, of the Schedule of Test Results.

GENERIC SCHEDULE OF TEST RESULTS

Certificate/Report No.: .....

Distribution board details

DB reference: ..... Z_{db} ..... Ω I_{pf} ..... kA

Confirmed: Correct polarity ☐ Phase sequence ☐

SPD: Operational status confirmed¶ ☐ N/A ☐

Details of test instruments used (serial and/or asset numbers)

Multifunction: .....

Continuity: .....

Insulation resistance: .....

Earth fault loop impedance: .....

RCD: .....

Earth electrode resistance: .....

TEST RESULT DETAILS

	Continuity (Ω)					Insulation resistance				Z_s (Ω)	RCD		AFDD	
	Ring final circuit			$(R_1 + R_2)$ or R_2										
17 Circuit number	18 r_1 (line) (Ω)	19 r_n (neutral)	20 r_2 (cpc)	21 $(R_1 + R_2)$	22 R_2	23 Test voltage (V)	24 Live - Live (MΩ)	25 Live - Earth (MΩ)	26 Polarity#	27 Maximum measured	28 Disconnection time (ms)**	29 Test button operation	30 Manual test button operation	31 **Remarks** Include details of circuits and/or installed equipment vulnerable to damage when testing (continue on a separate sheet if necessary)

Tested by name (Capitals): .....

Signature: ..... Date: .....

¶ Not all SPDs have visible functionality indication.

An 'X', denoting incorrect polarity, cannot be entered on to this schedule when issued with an Electrical Installation Certificate.

** RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$).

ELECTRICAL INSTALLATION CERTIFICATE

Notes for the person producing the Certificate:

1 The Electrical Installation Certificate is to be used for:

- the initial certification of a new installation or for an addition or alteration to an existing installation where new circuits have been introduced, or
- the replacement of a consumer unit/distribution board, or
- certifying for where there are multiple additions, or alterations or remedial works to the existing installation which do not extend to new circuits as an alternative to the issue of multiple Minor Electrical Installation Works Certificates.

It is not to be used for periodic inspection and testing, for which an Electrical Installation Condition Report should be used. For an addition or alteration which does not extend to the introduction of new circuits, a Minor Electrical Installation Works Certificate may be used.

The 'original' Certificate is to be issued to the person ordering the work (Regulation 644.4). A duplicate should be retained by the person issuing the certificate.

2 This Certificate is only valid if the Schedule of Inspections has been completed to confirm that all relevant inspections have been carried out and where accompanied by Schedule(s) of Circuit Details and Test Results.

3 The signatures appended are those of the persons authorized by the companies executing the work of design, construction, inspection and testing respectively. A signatory authorized to certify more than one category of work should sign in each of the appropriate places. (Where a single signature electrical installation certificate is used, the person authorized for executing the work of design, construction, inspection and testing shall sign the certificate.)

4 The time interval recommended before the first periodic inspection must be inserted. The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life, and the period should be agreed between the designer, installer and other relevant parties.

5 The page numbers for the Schedule(s) of Circuit Details and Test Results should be indicated, together with the total number of pages associated with the certification provided.

6 The maximum prospective value of fault current (I_{pf}) recorded should be the greater of either the prospective value of short-circuit current or the prospective value of earth fault current.

ELECTRICAL INSTALLATION CERTIFICATE

GUIDANCE FOR RECIPIENTS (to be appended to the Certificate)

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with BS 7671.

You should have received an 'original' Certificate and the person that issued the Certificate should have retained a duplicate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the owner.

The 'original' Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of BS 7671 at the time the Certificate was issued. The Construction (Design and Management) Regulations require that, for a project covered by those Regulations, a copy of this Certificate, together with schedules, is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a skilled person or persons, competent in such work. The maximum time interval recommended before the next inspection is stated on Page 1 under 'NEXT INSPECTION'.

This Certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation. It should not have been issued for the inspection and testing of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such an inspection.

This Certificate is only valid if the Schedule of Inspections has been completed to confirm that all relevant inspections have been carried out and where accompanied by Schedule(s) of Circuit Details and Test Results.

Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or 'Test'. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. **For safety reasons it is important that this instruction is followed.**

Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.

Where the installation includes a surge protective device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice. **For safety reasons it is important that this instruction is followed.**

Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Certificate No.: ....

(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS - BS 7671)

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: Description of the minor works

1. Details of the Client .... Date minor works completed ....
2. Installation location/address ....
3. Description of the minor works ....
4. Details of any departures from BS 7671:2018 as amended to .... (date) for the circuit altered or extended (Regulation 120.3, 133.1.3 and 133.5).
   Details of permitted exceptions (Regulation 411.3.3). Where applicable, a suitable risk assessment(s) must be attached to this Certificate.
   .... Risk assessment attached ☐
5. **Comments on (including any defects observed in) the existing installation (Regulation 644.1.2):**
   ....

PART 2: Presence and adequacy of installation earthing and bonding arrangements (Regulation 132.16)

1. System earthing arrangement: TN-S ☐ TN-C-S ☐ TT ☐
2. Earth fault loop impedance at distribution board (Z_{db}) supplying the final circuit .... Ω
3. Presence of adequate main protective conductors:
   Earthing conductor ☐
   Main protective bonding conductor(s) to: Water ☐ Gas ☐ Oil ☐ Structural steel ☐ Other (Specify)………...….. ☐

PART 3: Circuit details

DB Reference No.: …………………... DB Location and type: ..…………………….............……………………….................

Circuit No.: ……..................… Circuit description: …………………………………...….. Installation reference method ………….....................................

Number & size of conductors: Live …………..............….. mm² cpc …………….............….. mm²

Circuit overcurrent protective device: BS (EN) …………... Type ………. Rating ………. A

RCD: BS (EN) …………... Type ………. Rating ………. A Rated residual operating current ($I_{\Delta n}$) ………. mA

AFDD: BS (EN) …………... Rating ………. A

SPD: BS (EN) …………... Type ……….

PART 4: Test results for the altered or extended circuit (where relevant and practicable)

Protective conductor continuity: (R_1+ R_2) ……………....................... Ω or R_2 …........…....……........... Ω

Continuity of ring final circuit conductors: L/L ……….......….. Ω N/N ……….......….. Ω cpc/cpc ……….......….. Ω

Insulation resistance: Test voltage …….. V Live - Live ……… MΩ Live - Earth ……....…. MΩ

Polarity satisfactory: ☐ Maximum measured earth fault loop impedance: Z_S ……….........….. Ω

RCD disconnection time at rated residual operating current ($I_{\Delta n}$) ……….............. ms Satisfactory test button operation: ☐

AFDD satisfactory test button operation: ☐ NOTE: Not all AFDDs have a test button

SPD functionality confirmed: ☐ NOTE: Not all SPDs have visible functionality indication

PART 5: Declaration

I certify that the work covered by this certificate does not impair the safety of the existing installation and the work has been designed, constructed, inspected and tested in accordance with BS 7671:2018 amended to …………… (date) and that to the best of my knowledge and belief, at the time of my inspection, complied with BS 7671 except as detailed in Part 1 above.

Name: ……………………...

For and on behalf of: ……..

Address: ……………………..

………………………...…..………

………………………...…..………

………………………...…..………

………………………...…..………

Signature: ……………………...

Position: ……...

Date: ……………………..

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Notes for the person producing the Certificate:

The Minor Electrical Installation Works Certificate is intended to be used for additions and alterations to an installation that do not extend to the provision of a new circuit. Examples include the addition of socket-outlets or lighting points to an existing circuit, the relocation of a light switch etc. This Certificate may also be used for the replacement of equipment such as accessories or luminaires, but not for the replacement of distribution boards or similar items. Appropriate inspection and testing, however, should always be carried out irrespective of the extent of the work undertaken.

GUIDANCE FOR RECIPIENTS (to be appended to the Certificate)

This Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with BS 7671.

You should have received an 'original' Certificate and the person that issued the Certificate should have retained a duplicate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a copy of it, to the owner. A separate Certificate should have been received for each existing circuit on which minor works have been carried out. This Certificate is not appropriate if you requested the person that issued the Certificate to undertake more extensive installation work, for which you should have received an Electrical Installation Certificate.

The Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the minor electrical installation work carried out complied with the requirements of BS 7671 at the time the Certificate was issued.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a skilled person or persons, competent in such work.

Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or 'Test'. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. **For safety reasons it is important that this instruction is followed.**

Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.

Where the installation includes a surge protective device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice. **For safety reasons it is important that this instruction is followed.**

Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.

ELECTRICAL INSTALLATION CONDITION REPORT

Report No.: .....

SECTION A. DETAILS OF THE PERSON ORDERING THE REPORT

Name .....
Address .....
.....

SECTION B. REASON FOR PRODUCING THIS REPORT

.....
Date(s) on which inspection and testing was carried out .....

SECTION C. DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier .....
Address .....
.....
Description of premises
Residential ☐ Commercial ☐ Industrial ☐ Other (include brief description) ☐ .....
Estimated age of wiring system …….. years
Evidence of additions / alterations? Yes ☐ No ☐ Not apparent ☐ If yes, estimate age ……. years
Installation records available? (Regulation 651.1) Yes ☐ No ☐ Date of last inspection ……. (date)

SECTION D. EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report .....
.....
Agreed limitations including the reasons (see Regulation 653.2) .....
.....
Agreed with: .....
Operational limitations including the reasons (see page no.....) .....
.....
The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 as amended to ……..

It should be noted that cables concealed within trunking 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.

SECTION E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety) .....
.....
.....

Overall assessment of the installation in terms of its suitability for continued use SATISFACTORY / UNSATISFACTORY* (Delete as appropriate)
*An unsatisfactory assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified.

SECTION 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 ……..... (date) for the following reasons……

SECTION 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.

Inspected and tested by:
Name (Capitals) .....
Signature .....
For/on behalf of .....
Position .....
Address .....
Date .....

Report authorised for issue by:
Name (Capitals) .....
Signature .....
For/on behalf of .....
Position .....
Address .....
Date .....

SECTION H. SCHEDULE(S)

……Inspection Schedule(s) and …….. Schedule(s) of Circuit Details and 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.

SECTION I. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements	Number and Type of Live Conductors		Nature of Supply Parameters	Supply Protective Device
TN-C ☐ TN-S ☐ TN-C-S ☐ TT ☐ IT ☐	AC ☐ 1-phase, 2-wire ☐ 2-phase, 3-wire ☐ 3-phase, 3-wire ☐ 3-phase, 4-wire ☐	DC ☐ 2-wire ☐ 3-wire ☐ Other ☐	Nominal voltage, U / U_0 (1) ..... V Nominal frequency, f (1) ..... Hz Prospective fault current, I_{pf} (2) ..... kA External earth fault loop impedance, Z_e (2) ..... Ω *(Note: (1) by enquiry (2) by enquiry or by measurement)*	BS (EN) ..... Type ..... Rated current ..... A
	Confirmation of supply polarity ☐			

Other sources of supply (as detailed on attached schedule) ☐

SECTION J. PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing

Distributor's facility ☐
Installation earth electrode ☐

Details of Installation Earth Electrode (where applicable)

Type (e.g. rod(s), tape etc) .....
Location .....
Electrode resistance to Earth .....

Main Protective Conductors

Earthing conductor	Material	csa ..... mm²	Connection / continuity verified ☐
Main protective bonding conductors	Material	csa ..... mm²	Connection / continuity verified ☐

To water installation pipes ☐ To gas installation pipes ☐ To oil installation pipes ☐ To structural steel ☐ To lightning protection ☐
To other ☐ Specify .....

Main switch / Switch-fuse / Circuit-breaker / RCD

Location .... BS (EN) ..... No of poles	Current rating ..... A Fuse / device rating or setting ..... A Voltage rating V	**If RCD main switch** RCD Type ..... Rated residual operating current ($I_{\Delta n}$) ..... mA Rated time delay ..... ms Measured operating time ..... ms

SECTION K. OBSERVATIONS

Referring to the attached inspection schedule(s) and schedule(s) of circuit details and test results, and subject to the limitations specified at the *Extent and limitations of inspection and testing* section .....

No remedial action is required ☐ The following observations are made ☐ (see below):

OBSERVATION(S) Include schedule reference, as appropriate	Classification code
.....	.....
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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.

C1 – Danger present. Risk of injury. Immediate remedial action required

C2 – Potentially dangerous - urgent remedial action required

C3 – Improvement recommended

FI – Further investigation required without delay

CONDITION REPORT INSPECTION SCHEDULE FOR RESIDENTIAL AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

Report No.: .....

NOTE: This form is suitable for many types of smaller installation, not exclusively residential.

The persons responsible for the periodic inspection of the installation should include the relevant items in relation to the electrical installation, the inspection schedule can be reduced or expanded depending on the requirements for the installation.

Outcomes	Acceptable condition	✓	Unacceptable condition	**C1** or **C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

Item No	**Description**	**Outcome** (Use codes above. Provide additional comment where appropriate. C1, C2, C3 and FI coded items to be recorded in Section K of the Condition Report)
1.0	**INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)** An outcome against an item in this section, other than access to live parts, should not be used to determine the overall outcome.	
1.1	– Service cable – Service head – Earthing arrangement – Meter tails – Metering equipment – Isolator (where present) **NOTE 1:** Where inadequacies in the intake equipment are encountered, which may result in a dangerous or potentially dangerous situation, the person ordering the work and/or dutyholder must be informed. It is strongly recommended that the person ordering the work informs the appropriate authority. **NOTE 2:** For this section only, where inadequacies are found, an 'X' should be put against the appropriate item and a comment made in Section K.	
	Person ordering work/dutyholder notified (Delete as appropriate)	Y / N/A
1.2	Consumer's isolator (where present)	
1.3	Consumer's meter tails	
2.0	**PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)**	
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)	
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)	
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	
3.6	Confirmation of main protective bonding conductor sizes (544.1)	
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	
4.0	**CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)**	
4.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)	
4.2	Security of fixing (134.1.1)	
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	
4.6	Presence of main linked switch (as required by 462.1.201)	
4.7	Operation of main switch (functional check) (643.10)	
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	
4.10	Presence of RCD six-monthly test notice, where required (514.12.2)	
4.11	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	
4.12	Presence of other required labelling (please specify) (Section 514)	

CONDITION REPORT INSPECTION SCHEDULE FOR RESIDENTIAL AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

Report No.: .....

NOTE: This form is suitable for many types of smaller installation, not exclusively residential.

The persons responsible for the periodic inspection of the installation should include the relevant items in relation to the electrical installation, the inspection schedule can be reduced or expanded depending on the requirements for the installation.

Outcomes	Acceptable condition	✓	Unacceptable condition	**C1** or **C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

Item No	**Description**	**Outcome** (Use codes above. Provide additional comment where appropriate. C1, C2, C3 and FI coded items to be recorded in Section K of the Condition Report)
4.13	Compatibility of protective devices, bases and other components; correct type and rating (No signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)	
4.14	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	
4.15	Protection against mechanical damage where cables enter consumer unit/distribution board (522.8.1; 522.8.5; 522.8.11)	
4.16	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	
4.17	RCD's provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)	
4.18	RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3; 415.1)	
4.19	Confirmation of indication that SPD is functional (651.4)	
4.20	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	
4.21	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	
4.22	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	

5.0	**FINAL CIRCUITS**	
5.1	Identification of conductors (514.3.1)	
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	
5.3	Condition of insulation of live parts (416.1)	
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)	
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	
5.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	
5.9	Wiring system(s) appropriate for the types and nature of the installation and external influences (Section 522)	
5.10	Concealed cables installed in prescribed zones (see Section D. Extent of limitations) (522.6.202)	
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. Extent and limitations) (522.6.2.4)	
5.12	Provision of additional requirements for protection by RCD not exceeding 30 mA • for all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3) • for the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) • for cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203) • for cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) • Final circuits supplying luminaires within domestic (household) premises (411.3.4)	
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	
5.14	Band II cables segregated/separated from Band I cables (528.1)	
5.15	Cables segregated/separated from communications cabling (528.2)	

CONDITION REPORT INSPECTION SCHEDULE FOR RESIDENTIAL AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

Report No.: .....

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The persons responsible for the periodic inspection of the installation should include the relevant items in relation to the electrical installation, the inspection schedule can be reduced or expanded depending on the requirements for the installation.

Outcomes	Acceptable condition	✓	Unacceptable condition	**C1** or **C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

Item No	**Description**	**Outcome** (Use codes above. Provide additional comment where appropriate. C1, C2, C3 and FI coded items to be recorded in Section K of the Condition Report)
5.16	Cables segregated/separated from non-electrical services (528.3)	
5.17	Termination of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526) • Connections soundly made and under no undue strain (526.6) • No basic insulation of a conductor visible outside enclosure (526.8) • Connections of live conductors adequately enclosed (526.5) • Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	
5.19	Suitability of accessories for external influences (512.2)	
5.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)	
5.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	
6.0	**LOCATION(S) CONTAINING A BATH OR SHOWER**	
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)	
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	
6.3	Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	
6.5	Low voltage (e.g. 230 V) socket-outlets sited at least 2.5 m from zone 1 (701.512.3)	
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	
6.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	
6.8	Suitability of current-using equipment for particular position within the location (701.55)	
7.0	**OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS**	
7.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied.)	
8.0	**PROSUMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S)**	
8.1	Where the installation includes additional requirements and recommendations relating to Chapter 82, additional inspection items should be added to the checklist.	

Inspected by:

Name (Capitals) ..... Signature ..... Date .....

GENERIC SCHEDULE OF CIRCUIT DETAILS

Certificate/Report No.: .....

Distribution board details

DB reference: ..... Location: ..... Supplied from: .....

Distribution circuit OCPD: BS (EN): ..... Type: ..... Rating/Setting: ..... A

SPD Details: Type(s)*: T1 ☐ T2 ☐ T3† ☐ N/A ☐

CIRCUIT DETAILS

		Conductor details					Overcurrent protective device					RCD			
					Number & size										
1 Circuit number	2 Circuit description	3 Type of wiring	4 Reference method‡	5 Number of points served	6 Live (mm^2)	7 cpc (mm^2)	8 BS (EN)	9 Type	10 Rating (A)	11 Breaking capacity (kA)	12 Maximum permitted Z_s (Ω)§	13 BS (EN)	14 Type	15 $I_{\Delta n}$ (mA)	16 Rating (A)

CODES FOR TYPES OF WIRING

A	B	C	D	E	F	G	H	O
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other - please state .....

* SPD Type. Where a combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type boxes.

† Where a T3 SPD is installed to protect sensitive equipment, enter details in 'Remarks', column 31, of the Schedule of Test Results. (See Section 534 of BS 7671:2018+A2:2022.)

‡ See Table 4A2 of Appendix 4 of BS 7671:2018+A2:2022.

§ Where the maximum permitted earth fault loop impedance value stated in column 12 is taken from a source other than the tabulated values given in Chapter 41 of BS 7671:2018+A2:2022, state the source of the data in the appropriate cell for the circuit in the 'Remarks', column 31, of the Schedule of Test Results.

GENERIC SCHEDULE OF TEST RESULTS

Certificate/Report No.: .....

Distribution board details

DB reference: ..... Z_{db} ..... Ω I_{pf} ..... kA

Confirmed: Correct polarity ☐ Phase sequence ☐

SPD: Operational status confirmed¶ ☐ N/A ☐

Details of test instruments used (serial and/or asset numbers)

Multifunction: .....

Continuity: .....

Insulation resistance: .....

Earth fault loop impedance: .....

RCD: .....

Earth electrode resistance: .....

TEST RESULT DETAILS

	Continuity (Ω)					Insulation resistance				Z_s (Ω)	RCD		AFDD	
	Ring final circuit			$(R_1 + R_2)$ or R_2										
17 Circuit number	18 r_1 (line) (Ω)	19 r_n (neutral)	20 r_2 (cpc)	21 $(R_1 + R_2)$	22 R_2	23 Test voltage (V)	24 Live - Live (MΩ)	25 Live - Earth (MΩ)	26 Polarity#	27 Maximum measured	28 Disconnection time (ms)**	29 Test button operation	30 Manual test button operation	31 **Remarks** Include details of circuits and/or installed equipment vulnerable to damage when testing (continue on a separate sheet if necessary)

Tested by name (Capitals): .....

Signature: ..... Date: .....

¶ Not all SPDs have visible functionality indication.

An 'X', denoting incorrect polarity, cannot be entered on to this schedule when issued with an Electrical Installation Certificate.

** RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$).

CONDITION REPORT

Notes for the person producing the Report:

1 This Report should only be used for reporting on the condition of an existing electrical installation, and not for the replacement of a consumer unit/distribution board. An installation which was designed to an earlier edition of BS 7671 or the IEE Wiring Regulations and which does not fully comply with the current edition is not necessarily unsafe for continued use, or requires upgrading. Only damage, deterioration, defects, dangerous conditions and non-compliance with the requirements of BS 7671 or the IEE Wiring Regulations, which may give rise to danger, should be recorded.

2 The report, normally comprising at least five pages, should include schedules of both the inspection and the test results. Additional pages may be necessary for other than a simple installation and for the 'Guidance for recipients'. The number of each page should be indicated, together with the total number of pages involved.

3 The reason for producing this Report, such as change of occupancy or landlord's periodic maintenance, should be identified in Section B.

4 Those elements of the installation that are covered by the Report and those that are not should be identified in Section D (Extent and limitations). These aspects should have been agreed with the person ordering the report and other interested parties before the inspection and testing commenced. Any operational limitations, such as inability to gain access to parts of the installation or an item of equipment, should also be recorded in Section D.

5 The maximum prospective value of fault current (Ipf) recorded should be the greater of either the prospective value of short-circuit current or the prospective value of earth fault current.

6 Where an installation has an alternative source of supply a further schedule of supply characteristics and earthing arrangements based upon Section I of this Report should be provided.

7 A summary of the condition of the installation in terms of safety should be clearly stated in Section E. Observations, if any, should be categorised in Section K using the coding C1 to C3 as appropriate. Any observation given a code C1 or C2 classification should result in the overall condition of the installation being reported as unsatisfactory.

8 Wherever practicable, **items classified as 'Danger present' (C1) should be made safe on discovery**. Where this is not possible the owner or user should be given written notification as a matter of urgency.

9 Where an observation requires further investigation (FI) because the inspection has revealed an apparent deficiency which could not, owing to the extent or limitations of the inspection, be fully identified and further investigation may reveal a code C1 or C2 item, this should be recorded within Section K, given the code FI and marked as unsatisfactory in Section E.

10 If the space available for observations in Section K is insufficient, additional pages should be provided as necessary.

11 The date by which the next Electrical Installation Condition Report is recommended should be given in Section F. The interval between inspections should take into account the requirements of Regulation 652.1 and the overall condition of the installation.

12 Any deficiencies with intake equipment should be reported to the person ordering the work.

CONDITION REPORT INSPECTION SCHEDULE GUIDANCE FOR THE INSPECTOR

1 Section 1.0. Where inadequacies in the intake equipment are encountered the inspector should advise the person ordering the work to inform the appropriate authority.

2 The schedule is not exhaustive.

3. Numbers in brackets are regulation references to specific requirements

CONDITION REPORT

GUIDANCE FOR RECIPIENTS (to be appended to the Report) This Report is an important and valuable document which should be retained for future reference.

1 The purpose of this Report is to confirm, as far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section K).

2 This Report is only valid if accompanied by the Inspection Schedule(s) and the Schedule(s) of Circuit Details and Test Results.

3 The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.

4 The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

5 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.

6 Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.

7. For items classified in Section K as C1 ('Danger present') **the safety of those using the installation is at risk**, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.

8 For items classified in Section K as C2 ('Potentially dangerous') **the safety of those using the installation may be at risk** and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

9 Where it has been stated in Section K that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F).

10 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 is due is stated in Section F of the Report under 'Recommendations'.

11 Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button market 'T' or 'Test'. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is presses, seek expert advice. **For safety reasons it is important that this instruction is followed.**

12 Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.

13 Where the installation includes a surge protective device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice. **For safety reasons it is important that this instruction is followed**.

14 Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.