

## SCHEDULE OF INSPECTIONS (for new installation work only) for

### DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

**NOTE 1:** This form is suitable for many types of smaller installation, not exclusively domestic.

All items inspected in order to confirm, as appropriate, compliance with the relevant clauses in BS 7671. The list of items and associated examples where given are not exhaustive.

**NOTE 2:** Insert ✓ to indicate an inspection has been carried out and the result is satisfactory, or N/A to indicate that the inspection is not applicable to a particular item.

Item No	DESCRIPTION	Outcome See Note 2
1.0	<b>EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)</b>	
1.1	Service cable	
1.2	Service head	
1.3	Earthing arrangement	
1.4	Meter tails	
1.5	Metering equipment	
1.6	Isolator (where present)	
2.0	<b>PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY</b>	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	
3.0	<b>AUTOMATIC DISCONNECTION OF SUPPLY</b>	
3.1	<b>Presence and adequacy of earthing and protective bonding arrangements:</b>	
	• Distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	
	• Installation earth electrode (where applicable) (542.1.2.3)	
	• Earthing conductor and connections, including accessibility (542.3; 543.3.2)	
	• Main protective bonding conductors and connections, including accessibility (411.3.1.2; 543.3.2; 544.1)	
	• Provision of safety electrical earthing/bonding labels at all appropriate locations (514.13)	
	• RCD(s) provided for fault protection (411.4.204; 411.5.3)	
4.0	<b>BASIC PROTECTION</b>	
4.1	<b>Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:</b>	
	• Insulation of live parts e.g. conductors completely covered with durable insulating material (416.1)	
	• Barriers or enclosures e.g. correct IP rating (416.2)	
5.0	<b>ADDITIONAL PROTECTION</b>	
5.1	<b>Presence and effectiveness of additional protection methods:</b>	
	• RCD(s) not exceeding 30 mA operating current (415.1; Part 7), see Item 8.14 of this schedule	
	• Supplementary bonding (415.2; Part 7)	
6.0	<b>OTHER METHODS OF PROTECTION</b>	
6.1	<b>Presence and effectiveness of methods which give both basic and fault protection:</b>	
	• SELV system, including the source and associated circuits (Section 414)	
	• PELV system, including the source and associated circuits (Section 414)	
	• Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits (Section 412)	
	• Electrical separation for one item of equipment e.g. shaver supply unit (Section 413)	
7.0	<b>CONSUMER UNIT(S) / DISTRIBUTION BOARD(S):</b>	
7.1	Adequacy of access and working space for items of electrical equipment including switchgear (132.12)	
7.2	Components are suitable according to assembly manufacturer's instructions or literature (536.4.203)	
7.3	Presence of linked main switch(es) (462.1.201)	
7.4	Isolators, for every circuit or group of circuits and all items of equipment (462.2)	
7.5	Suitability of enclosure(s) for IP and fire ratings (416.2; 421.1.6; 421.1.201; 526.5)	

Item No	DESCRIPTION	Outcome See Note 2
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CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) continued		
7.6	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	
7.7	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure (526.1)	
7.8	Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel (521.5)	
7.9	Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection (411.3.2; 411.4, 411.5, 411.6; Sections 432, 433; 537.3.1.1)	
7.10	<b>Presence of appropriate circuit charts, warning and other notices:</b>	
	• Provision of circuit charts/schedules or equivalent forms of information (514.9)	
	• Warning notice of method of isolation where live parts not capable of being isolated by a single device (514.11)	
	• Periodic inspection and testing notice (514.12.1)	
	• RCD six-monthly test notice; where required (514.12.2)	
	• AFDD six-monthly test notice; where required	
	• Warning notice of non-standard (mixed) colours of conductors present (514.14)	
7.11	Presence of labels to indicate the purpose of switchgear and protective devices (514.1.1; 514.8)	

8.0 CIRCUITS		
8.1	Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation (Section 523)	
8.2	Cable installation methods suitable for the location(s) and external influences (Section 522)	
8.3	Segregation/separation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical services (528)	
8.4	Cables correctly erected and supported throughout, with protection against abrasion (Sections 521, 522)	
8.5	Provision of fire barriers, sealing arrangements where necessary (527.2)	
8.6	Non-sheathed cables enclosed throughout in conduit, ducting or trunking (521.10.1; 526.8)	
8.7	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (522.6.201, 522.6.202, 522.6.203; 522.6.204)	
8.8	Conductors correctly identified by colour, lettering or numbering (Section 514)	
8.9	Presence, adequacy and correct termination of protective conductors (411.3.1.1; 543.1)	
8.10	Cables and conductors correctly connected, enclosed and with no undue mechanical strain (Section 526)	
8.11	No basic insulation of a conductor visible outside enclosure (526.8)	
8.12	Single-pole devices for switching or protection in line conductors only (132.14.1; 530.3.3; 643.6)	
8.13	Accessories not damaged, securely fixed, correctly connected, suitable for external influences (134.1.1; 512.2; Section 526)	
8.14	Provision of additional protection/requirements by RCD not exceeding 30mA:	
	• Socket-outlets rated at 32 A or less, unless exempt (411.3.3)	
	• Supplies for mobile equipment with a current rating not exceeding 32 A for use outdoors (411.3.3)	
	• Cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)	
	• Cables concealed in walls/partitions containing metal parts regardless of depth (522.6.202; 522.6.203)	
	• Final circuits supplying luminaires within domestic (household) premises (411.3.4)	
8.15	<b>Presence of appropriate devices for isolation and switching correctly located including:</b>	
	• Means of switching off for mechanical maintenance (Section 464; 537.3.2)	
	• Emergency switching (465.1; 537.3.3)	
	• Functional switching, for control of parts of the installation and current-using equipment (463.1; 537.3.1)	
	• Firefighter's switches (537.4)	

9.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
9.1	Equipment not damaged, securely fixed and suitable for external influences (134.1.1; 416.2; 512.2)	
9.2	Provision of overload and/or undervoltage protection e.g. for rotating machines, if required (Sections 445, 552)	
9.3	Installed to minimize the build-up of heat and restrict the spread of fire (421.1.4; 559.4.1)	
9.4	Adequacy of working space. Accessibility to equipment (132.12; 513.1)	

10.0 LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)		
10.1	30 mA RCD protection for all LV circuits, equipment suitable for the zones, supplementary bonding (where required) etc.	

11.0 OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS		
11.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied)	

Inspected by:

Name (Capitals) .....

Signature .....

Date .....