

- Provision of fire barriers, sealing arrangements and protection against thermal effects
- Band II cables segregated/ separated from Band I cables
- Cables segregated/ separated from non-electrical services
- Condition of circuit accessories
- Suitability of circuit accessories for external influences
- Single-pole switching or protective devices in line conductors only
- Adequacy of connections, including CPCs, within accessories and to fixed and stationary equipment-identify/ record numbers and locations of items inspected
- Presence, operation and correct location of appropriate devices for isolation and switching.
- General condition of wiring systems
- Temperature rating of cable insulation

### **e) Final circuits**

- Identification of conductors
- Cables correctly supported throughout their run
- Condition of insulation of live parts
- Non-sheathed cables protected by enclosure in conduit, ducting or trunking
- Suitability of containment systems for continued use (including flexible conduit)
- Adequacy of cables for current carrying capacity with regard for the type and nature of installation
- Adequacy of protective devices: type and rated current for fault protection
- Presence and adequacy of circuit protective conductors
- Co-ordination between conductors and overload protective devices
- Wiring system(s) appropriate for the type and nature of the installation and external influences
- Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage
  1. Installed in prescribed zones
  2. Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like
- Provision of additional protection by 30 mA RCD
  1. for circuits used to supply mobile equipment not exceeding 32 A rating for use outdoors
  2. for all socket-outlets of rating 20 A or less unless exempt
  3. for cables concealed in walls at a depth of less than 50 mm
  4. for cables concealed in walls/partitions containing metal parts regardless of depth