

## **Portable Apparatus**

### **Regulation 24. Portable apparatus in general.**

- (1) A flexible cable for portable apparatus shall be connected to the system by a permanent joint or a properly constructed plug and socket.
- (2) A portable apparatus and its flexible cable shall be controlled by effective means suitably located and capable of making dead the apparatus.
- (3) An exposed metallic part of a portable apparatus shall be earthed independently and any flexible metallic cover of the conductor shall be earthed.
- (4) A portable apparatus which is exposed to the weather, or is within reach of any person normally working in the vicinity of a conducting floor, shall be of completely insulated construction or earthed, and where it is subject to accidental damage, it shall be further protected by an earthed guard.
- (5) No portable lampholder shall be in metallic connection with the lamp guard or with any other exposed metallic part of a portable lamp which is not effectively earthed.

### **Regulation 25. Portable apparatus on a dredge or floating structure**

- (1) A portable inspection lamp used on a dredge or other floating structure, in a place normally exposed to the weather where the floor is liable to be wet, in any underground place or confined space such as the inside of a boiler, tank or pipe, or in other similar situation, shall be operated at a voltage not exceeding 50 volts between conductors.
- (2) A portable apparatus used in any of the situations described in subregulation (1) shall be connected to the main in such a manner that the voltage to earth of any part of the apparatus shall not exceed 50 volts.
- (3) A portable apparatus suitable for use on 100 volts may be used and supplied with electricity from a transformer having a 100 volts winding with the center or the neutral point of the winding connected to earth.