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.