
SC7 Precautions against shock, fire and other hazards of electrical origin

(Chapter II-1, Regulation 45.2)

Text:

"Exposed live parts having voltages to earth exceeding a voltage to be specified by the Administration"

Interpretation:

Voltage values as stated in Regulation 45.1.1.1.

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SC8 Precautions against shock, fire and other hazards of electrical origin

(Chapter II-1, Regulation 45.3.3)

Text:

<<and special precautions shall be taken to the satisfaction of the Administration>>.

Interpretation:

1. All final sub-circuits should consist of two insulated wires, the hull return being achieved by connecting to the hull one of the busbars of the distribution board from which they originate.
 2. Earth wires should be in accessible locations to permit their ready examination and to enable their disconnection for testing of insulation.
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SC9 Precautions against shock, fire and other hazards of electrical origin

(Chapter II-1, Regulation 45.4.2)

Text:

<<Insulation level monitoring devices>>.

Interpretation:

A device or devices to continuously monitor the values of electrical insulation to earth and to give an audible or visual indication in case of abnormally low insulation values.

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