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## SC11 Precautions against shock, fire and other hazards of electrical origin

(Chapter II-1, Regulation 45.5.3)

High fire risk areas are those considered as such in Chapter II-2 Regulations 26, 27, 44 and 58.



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## SC12 Precautions against shock, fire and other hazards of electrical origin

(Chapter II-1, Regulation 45.5.4)

Special precautions should be as follows:

1. Cables to be appropriately sheathed according to intended environment.
2. Cables to be suitably protected against mechanical damage.
3. Electrical and mechanical segregation of intrinsically safe circuits from other circuits.
4. Effective earthing of metal coverings of cables.



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## SC13 Precautions against shock, fire and other hazards of electrical origin

(Chapter II-1, Regulation 45.6.1)

**Text:**

"overload.....or where the Administration may exceptionally otherwise permit".

**Interpretation:**

1. When it is impracticable, for example engine starting battery circuit.
2. When by design the circuit is incapable of developing overload, for example control transformers.
3. For essential motors which are duplicated and thruster motors, the overload protection may be replaced by an overload alarm.



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## SC14 Special requirements for machinery, boilers and electrical installations

(Chapter II-1, Regulation 53.3)

This regulation is applicable to stand-by machines required by the Rules of the individual Societies for:

1. oil engines for propulsion purposes,
2. steam turbines for propulsion purposes,
3. gas turbines for propulsion purposes,
4. controllable pitch propellers.

