

§ 112.55-5 Emergency lighting loads.

When supplying emergency lighting loads, the storage battery initial voltage must not exceed the standard system voltage by more than 5 percent.

§ 112.55-10 Storage battery charging.

(a) Each storage battery installation for emergency lighting and power, and starting batteries for an emergency diesel or gas turbine driven generator set, must have apparatus to automatically maintain the battery fully charged.

(b) When the ship's service generating plant is available, the battery must have a continuous trickle charge, except that after discharge the battery must be charged automatically at a higher rate.

(c) Charging operations must not cause an absence of battery power.

(d) There must be instruments to show the rate of charge.

§ 112.55-15 Capacity of storage batteries.

(a) A storage battery for an emergency lighting and power system must have the capacity—

(1) To close all watertight doors two times;

(2) To open all watertight doors once; and

(3) To carry the remaining emergency loads continuously for the time prescribed in § 112.05-5(a), table 112.05-5(a).

(b) At the end of the time specified in paragraph (a) of this section, the potential of the storage battery must be at least 88 percent of the standard voltage.

[CGD 74-125A, 47 FR 15267, Apr. 8, 1982, as amended by CGD 94-108, 61 FR 28288, June 4, 1996; 61 FR 39695, July 30, 1996]

PART 113—COMMUNICATION AND ALARM SYSTEMS AND EQUIPMENT**Subpart 113.05—General Provisions**

Sec.

- 113.05-5 Approved equipment.
- 113.05-7 Environmental tests.

Subpart 113.10—Fire and Smoke Detecting and Alarm Systems

- 113.10-1 Approved equipment.

- 113.10-3 Cable runs.
- 113.10-5 Common return.
- 113.10-7 Connection boxes.
- 113.10-9 Power supply.

Subpart 113.20—Automatic Sprinkler Systems

- 113.20-1 Sprinkler alarm system.
- 113.20-3 Connection boxes.

Subpart 113.25—General Emergency Alarm Systems

- 113.25-1 Applicability.
- 113.25-3 Requirements.
- 113.25-5 Location of contact makers.
- 113.25-6 Power supply.
- 113.25-7 Power supply overcurrent protection.
- 113.25-8 Distribution of general emergency alarm system feeders and branch circuits.
- 113.25-9 Location of general emergency alarm signal.
- 113.25-10 Emergency red-flashing lights.
- 113.25-11 Contact makers.
- 113.25-12 Alarm signals.
- 113.25-14 Electric cable and distribution fittings.
- 113.25-15 Distribution panels.
- 113.25-16 Overcurrent protection.
- 113.25-20 Marking of equipment.
- 113.25-25 General emergency alarm systems for manned ocean and coastwise barges.
- 113.25-30 General emergency alarm systems for barges of 300 or more gross tons with sleeping accommodations for more than six persons.

Subpart 113.27—Engineers' Assistance-Needed Alarm

- 113.27-1 Engineers' assistance-needed alarm.

Subpart 113.30—Internal Communications

- 113.30-1 Applicability.
- 113.30-3 Means of communications.
- 113.30-5 Requirements.
- 113.30-20 General requirements.
- 113.30-25 Detailed requirements.

Subpart 113.35—Engine Order Telegraph Systems

- 113.35-1 Definitions.
- 113.35-3 General requirements.
- 113.35-5 Electric engine order telegraph systems.
- 113.35-7 Electric engine order telegraph systems; operations.
- 113.35-9 Mechanical engine order telegraph systems.
- 113.35-13 Mechanical engine order telegraph systems; operation.
- 113.35-15 Mechanical engine order telegraph systems; application.