

§ 110.30-3 Initial inspection.

The initial inspection, which may be a series of inspections during the construction of the vessel, includes a complete inspection of the electric installation and electric equipment or apparatus. The inspection is to determine that the arrangement, materials, and their installations meet this chapter and the approved plans. The inspection also is to determine that the workmanship of all equipment and apparatus and the installation is satisfactory.

§ 110.30-5 Inspection for certification.

Electric installations and electric equipment must be inspected at the inspection for certification and periodic inspection to determine mechanical and electrical condition and performance. Particular note must be made of circuits added or modified after the original issuance of the Certificate of Inspection.

[USCG 1999-4976, 65 FR 6504, Feb. 9, 2000]

§ 110.30-7 Repairs or alterations.

The Officer in Charge, Marine Inspection must be notified before—

- (a) Alterations or modifications that deviate from approved plans; or
- (b) Repairs, alterations, or modifications that affect the safety of the vessel.

[CGD 94-108, 61 FR 28275, June 4, 1996]

PART 111—ELECTRIC SYSTEMS— GENERAL REQUIREMENTS

Subpart 111.01—General

Sec.

- 111.01-1 General.
- 111.01-3 Placement of equipment.
- 111.01-5 Protection from bilge water.
- 111.01-7 Accessibility and spacing.
- 111.01-9 Degrees of protection.
- 111.01-11 Corrosion-resistant parts.
- 111.01-13 Limitations on porcelain use.
- 111.01-15 Temperature ratings.
- 111.01-17 Voltage and frequency variations.
- 111.01-19 Inclination of the vessel.

Subpart 111.05—Equipment Ground, Ground Detection, and Grounded Systems

- 111.05-1 Purpose.

EQUIPMENT GROUND

- 111.05-3 Design, construction, and installation; general.
- 111.05-7 Armored and metallic-sheathed cable.
- 111.05-9 Masts.

SYSTEM GROUNDING

- 111.05-11 Hull return.
- 111.05-13 Grounding connection.
- 111.05-15 Neutral grounding.
- 111.05-17 Generation and distribution system grounding.
- 111.05-19 Tank vessels; grounded distribution systems.

GROUND DETECTION

- 111.05-21 Ground detection.
- 111.05-23 Location of ground indicators.
- 111.05-25 Ungrounded systems.
- 111.05-27 Grounded neutral alternating current systems.
- 111.05-29 Dual voltage direct current systems.

GROUNDED CONDUCTORS

- 111.05-31 Grounding conductors for systems.
- 111.05-33 Equipment safety grounding (bonding) conductors.
- 111.05-37 Overcurrent devices.

Subpart 111.10—Power Supply

- 111.10-1 Definitions.
- 111.10-3 Two generating sources.
- 111.10-4 Power requirements, generating sources.
- 111.10-5 Multiple energy sources.
- 111.10-7 Dead ship.
- 111.10-9 Ship's service supply transformers; two required.

Subpart 111.12—Generator Construction and Circuits

- 111.12-1 Prime movers.
- 111.12-3 Excitation.
- 111.12-5 Construction and testing of generators.
- 111.12-7 Voltage regulation and parallel operation.
- 111.12-9 Generator cables.
- 111.12-11 Generator protection.
- 111.12-13 Propulsion generator protection.

Subpart 111.15—Storage Batteries and Battery Chargers: Construction and Installation

- 111.15-1 General.
- 111.15-2 Battery construction.
- 111.15-3 Battery categories.
- 111.15-5 Battery installation.
- 111.15-10 Ventilation.
- 111.15-20 Conductors.