

## § 110.30-5

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.
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- 111.01-11 Corrosion-resistant parts.
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- 111.01-15 Temperature ratings.
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### Subpart 111.05—Equipment Ground, Ground Detection, and Grounded Systems

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- 111.05-3 Design, construction, and installation; general.
- 111.05-7 Armored and metallic-sheathed cable.
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#### SYSTEM GROUNDING

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- 111.05-15 Neutral grounding.
- 111.05-17 Generation and distribution system grounding.
- 111.05-19 Tank vessels; grounded distribution systems.

#### GROUND DETECTION

- 111.05-20 Grounded distribution systems on OSVs designed to carry flammable or combustible liquids with closed-cup flashpoints not exceeding 60 °C (140 °F).
- 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.

#### GROUNDING CONDUCTORS

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

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- 111.10-3 Two generating sources.
- 111.10-4 Power requirements, generating sources.
- 111.10-5 Multiple energy sources.
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- 111.12-5 Construction and testing of generators.
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- 111.15-2 Battery construction.
- 111.15-3 Battery categories.
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### Subpart 111.20—Transformer Construction, Installation, and Protection

- 111.20-1 General requirements.