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SOURCE: CGD 82–004 and CGD 86–074, 62 FR 49332, Sept. 19, 1997, unless otherwise noted.

Subpart A—General Provisions

§ 129.100 General.

This part contains requirements for the design, construction, and installation of electrical equipment and systems including power sources, lighting, motors, miscellaneous equipment, and safety systems.

§ 129.110 Applicability.

Except as specifically provided in this subchapter, electrical installations on OSVs must comply with subchapter J of this chapter.

[CGD 82–004 and CGD 86–074, 62 FR 49332, Sept. 19, 1997, as amended by USCG–2010–0759, 75 FR 60003, Sept. 29, 2010]

§ 129.120 Alternative standards.

(a) An OSV of 19.8 meters (65 feet) in length or less may meet the following requirements of the American Yacht and Boat Council Projects, where applicable, instead of § 129.340 of this part:

(1) E–1, Bonding of Direct Current Systems.

(2) E–8, AC Electrical Systems on Boats.

(3) E–9, DC Electrical Systems on Boats.

(b) An OSV with an electrical installation operating at a potential of less than 50 volts may comply with 33 CFR 183.430 instead of § 129.340 of this part.

Subpart B—General Requirements

§ 129.200 Design, installation, and maintenance.

Electrical equipment on a vessel must be designed, installed, and maintained to—

(a) Provide services necessary for safety under normal and emergency conditions;

(b) Protect crew members, offshore workers, and the vessel from electrical hazards, including fire, caused by or originating in electrical equipment and electrical shock;

(c) Minimize accidental personal contact with energized parts; and

(d) Prevent electrical ignition of flammable vapors.