

§ 128.430

deepest-load waterline if the system is a closed loop below the waterline and if its vent is located above the waterline.

(c) Fillet welds may be used in the attachment of channels and half-round pipe sections to the bottom of the vessel.

(d) Short lengths of approved non-metallic flexible hose fixed by metallic or non-metallic hose-clamps may be used at machinery connections if—

(1) The clamps are of a corrosion-resistant material;

(2) The clamps do not depend on spring tension for their holding power; and

(3) Two of the clamps are used on each end of the hose, except that one clamp may be used on an end expanded or beaded to provide a positive stop against hose slippage.

(4) The clamps are resistant to vibration, high temperature, and brittleness.

[CGD 82-004 and CGD 86-074, 62 FR 49331, Sept. 19, 1997, as amended by USCG-2000-7790, 65 FR 58463, Sept. 29, 2000]

§ 128.430 Non-integral keel cooler installations.

(a) Each hull penetration for a non-integral keel cooler installation must be made through a cofferdam or at a seachest and must be provided with isolation valves fitted as close to the sea inlet as possible.

(b) Each non-integral keel cooler must be protected against damage from debris and grounding by protective guards or by recessing the cooler into the hull.

[CGD 82-004 and CGD 86-074, 62 FR 49331, Sept. 19, 1997, as amended by USCG-2000-7790, 65 FR 58463, Sept. 29, 2000]

§ 128.440 Bilge systems.

(a) Except as provided by this section, each bilge system must comply with §§ 56.50-50 and 56.50-55 of this chapter.

(b) If the steering room, engine room, centerline passageway, forward machinery space, and compartment containing the dry-mud tanks are the only below-deck spaces that must be fitted with bilge suction, the vessel may be equipped to the standards of §§ 56.50-50 and 56.50-57 of this chapter applicable

46 CFR Ch. I (10-1-02 Edition)

to a dry-cargo vessel of less than 55 meters (180 feet) in length.

§ 128.450 Liquid-mud systems.

(a) Liquid-mud piping systems may use resiliently seated valves of Category A to comply with §§ 56.20-15 and 56.50-60 of this chapter.

(b) Tanks for oil-based liquid mud must be fitted with tank vents equipped with flame screens. Vents must not discharge to the interior of the vessel.

PART 129—ELECTRICAL INSTALLATIONS

Subpart A—General Provisions

Sec.

129.100 General.

129.110 Applicability.

129.120 Alternative standards.

Subpart B—General Requirements

129.200 Design, installation, and maintenance.

129.210 Protection from wet and corrosive environments.

129.220 Basic safety.

Subpart C—Power Sources and Distribution Systems

129.310 Power sources.

129.315 Power sources for OSVs of 100 or more gross tons.

129.320 Generators and motors.

129.323 Multiple generators.

129.326 Dual-voltage generators.

129.330 Distribution panels and switchboards.

129.340 Cable and wiring.

129.350 Batteries—general.

129.353 Battery categories.

129.356 Battery installations.

129.360 Semiconductor-rectifier systems.

129.370 Equipment grounding.

129.375 System grounding.

129.380 Overcurrent protection.

129.390 Shore power.

129.395 Radio installations.

Subpart D—Lighting Systems

129.410 Lighting fixtures.

129.420 Branch circuits for lighting on OSVs of 100 or more gross tons.

129.430 Navigational lighting.

129.440 Emergency lighting.

129.450 Portable lighting.