

§ 151.58–1

- (b) Copper or copper alloys.
- (c) Zinc, galvanized steel, or alloys having more than 10 percent zinc by weight.
- (d) Magnesium.
- (e) Lead.
- (f) Silver or silver alloys.
- (g) Mercury.

[CGD 88–100, 54 FR 40041, Sept. 29, 1989]

Subpart 151.58—Required Materials of Construction

§ 151.58–1 Required materials.

When one of the following paragraphs of this section is referenced in table 151.05, only those materials listed in that paragraph may be used in components that contact the cargo or its vapor:

- (a) Aluminum, stainless steel, or steel covered with a protective lining or coating. (See § 151.15–3(f)(2).)
- (b)–(c) [Reserved]
- (d) Solid austenitic stainless steel.
- (e) Stainless steel or steel covered with a suitable protective lining or coating. (See § 151.15–3(f)(2).)

[CGD 88–100, 54 FR 40041, Sept. 29, 1989]

PART 152 [RESERVED]

PART 153—SHIPS CARRYING BULK LIQUID, LIQUEFIED GAS, OR COMPRESSED GAS HAZARDOUS MATERIALS

Subpart A—General

- Sec.
- 153.0 Availability of materials.
 - 153.1 Applicability.
 - 153.2 Definitions and acronyms.
 - 153.3 Right of appeal.
 - 153.4 Incorporation by reference.
 - 153.7 Ships built before December 27, 1977 and non-self-propelled ships built before July 1, 1983: Application.
 - 153.8 Procedures for requesting an endorsed Certificate of Inspection.
 - 153.9 Foreign flag vessel endorsement application.
 - 153.10 Procedures for requesting alternatives and waivers; termination of waivers.
 - 153.12 IMO Certificates for United States Ships.
 - 153.15 Conditions under which the Coast Guard issues a Certificate of Inspection or Certificate of Compliance.

46 CFR Ch. I (10–1–22 Edition)

- 153.16 Requirements for foreign flag vessel permits.
- 153.30 Special area endorsement.
- 153.40 Determination of materials that are hazardous.

Subpart B—Design and Equipment

GENERAL VESSEL REQUIREMENTS

- 153.190 Stability requirements.
- 153.201 Openings to accommodation, service or control spaces.
- 153.208 Ballast equipment.
- 153.209 Bilge pumping systems.
- 153.214 Personnel emergency and safety equipment.
- 153.215 Safety equipment lockers.
- 153.216 Shower and eyewash fountains.
- 153.217 Access to enclosed spaces and dedicated ballast tanks.
- 153.219 Access to double bottom tanks serving as dedicated ballast tanks.

CARGO CONTAINMENT SYSTEMS

- 153.230 Type I system.
- 153.231 Type II system.
- 153.232 Type III system.
- 153.233 Separation of tanks from machinery, service and other spaces.
- 153.234 Fore and aft location.
- 153.235 Exceptions to cargo piping location restrictions.
- 153.236 Prohibited materials.
- 153.238 Required materials.
- 153.239 Use of cast iron.
- 153.240 Insulation.

CARGO TANKS

- 153.250 Double-bottom and deep tanks as cargo tanks.
- 153.251 Independent cargo tanks.
- 153.252 Special requirement for an independent cargo tank.
- 153.254 Cargo tank access.
- 153.256 Trunks, domes, and openings of cargo tanks.
- 153.266 Tank linings.

PIPING SYSTEMS AND CARGO HANDLING EQUIPMENT

- 153.280 Piping system design.
- 153.281 Piping to independent tanks.
- 153.282 Cargo filling lines.
- 153.283 Valving for cargo piping.
- 153.284 Characteristics of required quick closing valves.
- 153.285 Valving for cargo pump manifolds.
- 153.292 Separation of piping systems.
- 153.294 Marking of piping systems.
- 153.296 Emergency shutdown stations.
- 153.297 Emergency actuators at the point of cargo control.

CARGO HANDLING SPACE VENTILATION

- 153.310 Ventilation system type.
- 153.312 Ventilation system standards.