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§ 52.25–1 General.

Requirements for fired boilers of various sizes and uses are referenced in table 54.01–5(a) of this subchapter.

§ 52.25–3 Feedwater heaters (modifies PFH–1).

In addition to the requirements in PFH–1 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR 52.01–1), feedwater heaters must meet the requirements in this part or the requirements in part 54.

[CGFR 68–82, 33 FR 18815, Dec. 18, 1968, as amended by USCG–2003–16630, 73 FR 65161, Oct. 31, 2008]

§ 52.25–5 Miniature boilers (modifies PMB–1 through PMB–21).

Miniature boilers must meet the applicable provisions in this part for the boiler type involved and the mandatory requirements in PMB–1 through PMB–21 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR 52.01–1)

[CGFR 68–82, 33 FR 18815, Dec. 18, 1968, as amended by USCG–2003–16630, 73 FR 65161, Oct. 31, 2008; USCG–2014–0688, 79 FR 58280, Sept. 29, 2014]

§ 52.25–7 Electric boilers (modifies PEB–1 through PEB–19).

Electric boilers required to comply with this part must meet the applicable provisions in this part and the mandatory requirements in PEB–1 through PEB–19 except PEB–3 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR 52.01–1).

[CGFR 68–82, 33 FR 18815, Dec. 18, 1968, as amended by USCG–2003–16630, 73 FR 65161, Oct. 31, 2008]

§ 52.25–10 Organic fluid vaporizer generators (modifies PVG–1 through PVG–12).

(a) Organic fluid vaporizer generators and parts thereof shall meet the requirements of PVG–1 through PVG–12 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR 52.01–1) except as noted otherwise in this section.

(b) The application and end use of organic fluid vaporizer generators shall be approved by the Commandant.

[CGFR 68–82, 33 FR 18815, Dec. 18, 1968, as amended by USCG–2003–16630, 73 FR 65161, Oct. 31, 2008]

§ 52.25–15 Fired thermal fluid heaters.

(a) Fired thermal fluid heaters shall be designed, constructed, inspected, tested, and stamped in accordance with the applicable provisions in this part.

(b) Each fired thermal fluid heater must be fitted with a control which prevents the heat transfer fluid from being heated above its flash point.

(c) The heat transfer fluid must be chemically compatible with any cargo carried in the cargo tanks serviced by the heat transfer system.

(d) Each fired thermal fluid heater must be tested and inspected in accordance with the requirements of subpart 61.30 of this chapter.

[CGFR 68–82, 33 FR 18815, Dec. 18, 1968, as amended by CGD 88–057, 55 FR 24236, June 15, 1990]

§ 52.25–20 Exhaust gas boilers.

Exhaust gas boilers with a maximum allowable working pressure greater than 103 kPa gage (15 psig) or an operating temperature greater than 454 °C. (850 °F.) must be designed, constructed, inspected, tested and stamped in accordance with the applicable provisions in this part. The design temperature of parts exposed to the exhaust gas must be the maximum temperature that could normally be produced by the source of the exhaust gas. This temperature must be verified by testing or by the manufacturer of the engine or other equipment producing the exhaust. Automatic exhaust gas boiler control systems must be designed, constructed, tested, and inspected in accordance with § 63.25–7 of this chapter.

[CGD 88–057, 55 FR 24236, June 15, 1990]

PART 53—HEATING BOILERS

Subpart 53.01—General Requirements

Sec.

53.01–1 Incorporation by reference.
53.01–3 Adoption of section IV of the ASME Boiler and Pressure Vessel Code.
53.01–5 Scope (modifies HG–100).