by their service, control systems, pressure and temperature boundaries, heat input ratings, and firing mediums as follows:

(1) Automatic auxiliary boilers listed in Table 54.01–5(A) of this chapter which reference this part for regulation of their automatic controls.

(2) Automatic control systems for automatic auxiliary boilers having a heat input rating of less than 12,500,000 Btu/hr. (3.66 megawatts).

(3) Electric hot water supply boilers (heaters) containing electric heating elements rated at 600 volts or less.

(4) Exhaust gas boilers, and their controls and accessories used to heat water and/or generate steam.

(5) Incinerators (and their control systems) used for the generation of steam and/or oxidation of ordinary waste materials and garbage. This part also includes incinerators which serve as automatic auxiliary boilers.

(6) Fired thermal fluid heaters and their controls.

(b) Exceptions. Automatic boilers having heat input ratings of 12,500,000 Btu/hr. (3.66 megawatts) and above must meet the requirements of part 52 of this chapter. Their control systems must meet the requirements of part 62 of this chapter. Electric cooking equipment must comply with § 111.77–3 of this chapter. Electric oil immersion heaters must comply with part 111, subpart 111.85 of this chapter. Electric air heating equipment must comply with part 111, subpart 111.87 of this chapter.

(c) American Society of Mechanical Engineers (ASME) International, Three Park Avenue, New York, NY 10016–5990:

(1) ASME CSD–1–2004, Controls and Safety Devices for Automatically Fired Boilers (2004) (“ASME CSD–1”), 63.10–1; 63.15–1; 63.20–1; and

(2) [Reserved]

(d) ASTM International (formerly American Society for Testing and Materials) (ASTM), 100 Barr Harbor Drive, West Conshohocken, PA 19428–2959:


(2) [Reserved]

(3) International Maritime Organization (IMO), Publications Section, 4 Albert Embankment, London, SE1 7SR United Kingdom:

(1) Resolution MEPC.76(40), Standard Specification for Shipboard Incinerators (Sep. 25, 1997) (“IMO MEPC.76(40)”), 63.25–9; and


(f) International Organization for Standardization (ISO), Case postale 56, CH–1211 Geneva 20, Switzerland:

(1) ISO 9096, Stationary source emissions—Manual determination of mass concentration of particulate matter,
§ 63.15–3 Fuel system.

(a) Firing of an automatic auxiliary boiler by natural gas is prohibited unless specifically approved by the Marine Safety Center.

(b) A certification report for each automatic auxiliary boiler that:

(1) Meets paragraph CG–510 of ASME CSD–1 (incorporated by reference, see 46 CFR 63.05–1); and

(2) Certifies that each automatic auxiliary boiler, its controls, and safety devices comply with the additional requirements of this part.