

Sec. 29-232-103. Flame safeguard requirements

(a) Furnace explosions (combustion explosion) are caused by the sudden ignition of accumulated fuel and air in the firesides of the boiler. In order to reduce the chance of personal injury, damage to property, and loss of equipment from such explosions, the boiler shall be equipped with approved burners and controls, tested and maintained as recommended by a national recognized standard.

(b) Except as otherwise specifically provided, the provisions of this section apply to all gas, oil, pulverized coal, and combination gas and oil fired burners installed on boilers covered by these rules and regulations.

(c) The following nationally recognized standards, together with all addenda and amendments thereto, are adopted:

ANSI/ASME CSD-1-1998 Controls and safety devices for automatically fired boilers;
and

ANSI/NB-23 NBIC 1998 National Board Inspection Code.

ASME American Society of Mechanical Engineers: United Engineering Center, 345 East 47th Street, New York, New York 10017.

NFPA National Fire Protection Association: Batterymarch Park, Quincy, Massachusetts 02269.

(d) The above standards represents basic standards for the safe and efficient performance and substantial and durable construction of equipment. Inspection of the flame safeguard equipment will be in conjunction with the regular inspections of boilers.

(Effective May 14, 1992; Amended November 29, 1996; Amended May 26, 2000)