

5225.1180 ATTENDANCE AT HIGH PRESSURE PLANT.

Subpart 1. **Attendance; plant of 0 to 30 horsepower.** At a minimum, a high pressure boiler plant of 0 to 30 horsepower, when in operation, must be checked daily by an operating engineer.

Subp. 2. **Attendance; plant of 31 to 200 horsepower.**

A. A high pressure boiler plant of 31 to 200 horsepower may be left in operation unattended by an operating engineer for no more than two consecutive hours when the premises are occupied by employees or the public, except as permitted by item B.

B. A high pressure boiler plant of 31 to 200 horsepower is exempt from the high pressure attendance requirements of item A, but must be checked at least daily, under the following conditions:

(1) the boiler is equipped with dual pressure controls and dual low water fuel cutouts and the boiler does not exceed 15 pounds per square inch operating pressure at any time during the operating engineer's absence;

(2) the boiler is equipped with fail-safe type safety controls or valves regulating pressure, temperature, water level, and control supply lines. Fuel control and safety devices must meet at least the minimum requirements for automatically fired boilers in Sections I and IV of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code;

(3) the valves and controls must be manually switched over by the operating engineer, the dates and time must be entered in the boiler room log, and the entry must be signed by the operating engineer;

(4) the building in which the boiler is located is not occupied by the public or employees except for custodial, maintenance, or security personnel; and

(5) the boiler is for supplying steam directly to a low pressure header with header safety valves set at or below 15 pounds per square inch and is of adequate capacity to prevent a pressure rise above 15 pounds per square inch in the system. The shutoff valve between the high and low pressure systems must be electrically interlocked with the low pressure control system so that the crossover valve is in the open position while operating on low pressure.

Subp. 3. **Attendance; plant over 200 horsepower.**

A. A high pressure boiler plant of more than 200 horsepower, when in operation, requires constant attendance, except as otherwise provided in item B.

B. The shift engineer in a high pressure boiler plant of over 200 horsepower may leave the boiler room for up to 30 minutes if all boilers are equipped with dual pressure

controls and dual low water fuel cutouts, one of which must be the manual reset type. The shift engineer must stay within 500 feet of the boiler room at all times during the shift.

Subp. 4. **Limitations.** The absences described in subparts 2, item A, and 3, item B, may not approach nearly continuous absence from the plant.

Statutory Authority: *MS s 175.171; 183.001; 183.42; 183.44; 183.45; 183.465; 183.466; 183.54; 326B.958; 326B.96; 326B.964; 326B.966; 326B.982*

History: *19 SR 591; 21 SR 1897; L 2007 c 140 art 9 s 27; art 13 s 4*

Published Electronically: *February 19, 2009*