



Ohio Administrative Code

Rule 1301:3-4-04 Initial certification of historical boilers.

Effective: [March 6, 2020](#)

(A) Before the initial certification of a historical boiler, the boiler and its appurtenances shall be subjected to a nondestructive design evaluation at the boilers maximum allowable working pressure. The maximum allowable working pressure shall be no more than the current safety valve setting, which shall be no more than one hundred eighty pounds per square inch. The hydrostatic test pressure shall be one and one quarter of the safety valve setting, but in no case greater than two hundred twenty-five pounds per square inch, except for railway locomotives for which the safety valves may be set in accordance with the manufacturers specifications.

(B) Before the initial certification of a historical boiler, all historical boilers and their appurtenances shall be inspected thoroughly, internally and externally, and under operating conditions by inspectors designated by the chief boiler inspector of the boiler section in the division of industrial compliance in the department of commerce. The internal and external inspection under operating conditions shall, at a minimum, include an inspection of all of the following:

- (1) Smoke box;
- (2) Barrel;
- (3) Wrapper sheet;
- (4) Water column and water glass;
- (5) Firebox;
- (6) Stays;
- (7) Fusible plug;



(8) Threaded openings;

(9) Inspection openings;

(10) Pressure gage;

(11) External plumbing and piping;

(12) Injectors;

(13) Pipe schedule and valve ratings;

(14) Tubes;

(15) Tube sheets; and

(16) Steam safety valve.

(C) During the initial certification of a historical boiler, the inspector may ultrasonically evaluate a historical boiler or any portion thereof for cause.