

MAR 6 1937
LABOR & INDUSTRIAL RELATIONS

HOUSE FILE 502
BY BRADLEY

Passed House, Date _____ Passed Senate, Date _____
Vote: Ayes _____ Nays _____ Vote: Ayes _____ Nays _____
Approved _____

A BILL FOR

1 An Act relating to the inspection of boilers and unfired steam
2 pressure vessels.
3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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HF 502

1 Section 1. Section 89.2, subsection 7, Code 1997, is
2 amended to read as follows:

3 7. "Steam heating boiler" means a steam-generating boiler
4 operating at not more than fifteen pounds per square inch; or
5 a hot water heating boiler operating at not more than one
6 hundred sixty pounds per square inch and not more than 250
7 degrees F. at the boiler outlet.

8 Sec. 2. Section 89.3, subsection 6, Code 1997, is amended
9 to read as follows:

10 6. Each boiler ~~of one-hundred-thousand-pounds-per-hour-or~~
11 ~~more-capacity~~, unfired steam pressure vessel, or regulated
12 appurtenance used or proposed to be used within this state,
13 which contains only water subject to internal continuous water
14 treatment under the direct supervision of a graduate engineer
15 or chemist, or one having equivalent experience in the
16 treatment of boiler water where the water treatment is for the
17 purpose of controlling and limiting serious corrosion and
18 other deteriorating factors, and with respect to which vessel
19 the commissioner has determined that the owner or user has
20 complied with the record-keeping requirements prescribed in
21 this chapter, shall be inspected at least once every ~~two~~ three
22 years internally and, or a longer interval at the discretion
23 of the commissioner, at least once every three years
24 externally while not under pressure, and at least once every
25 two years externally while under pressure. At any time a
26 hydrostatic test is deemed necessary to determine the safety
27 of a vessel, the tests shall be conducted by the owner or user
28 of the equipment under the supervision of the commissioner.

29 Sec. 3. Section 89.3, subsection 7, Code 1997, is amended
30 to read as follows:

31 7. The owner or user of a boiler ~~of one-hundred-thousand~~
32 ~~pounds-per-hour-or-more-capacity~~, unfired steam pressure
33 vessel, or regulated appurtenance desiring to qualify for
34 ~~biennial~~ an inspection once every three years shall keep
35 available for examination by the commissioner accurate records

1 showing the date and actual time the vessel is out of service
2 and the reason it is out of service, and the chemical physical
3 laboratory analyses of samples of the vessel water taken at
4 regular intervals of not more than forty-eight hours of
5 operation as will adequately show the condition of the water
6 and any elements or characteristics of the water which are
7 capable of producing corrosion or other deterioration of the
8 vessel or its parts.

9 Sec. 4. NEW SECTION. 89.3A INSPECTION BY AN OWNER-USER
10 INSPECTION ORGANIZATION -- CERTIFICATE.

11 1. The inspections required by section 89.3 shall not be
12 made by the commissioner if an owner or user of equipment
13 subject to this chapter has an inspection conducted by a
14 qualified owner-user inspection organization.

15 2. A qualified owner-user inspection organization shall
16 meet the following requirements:

17 a. The organization is supervised by one or more
18 technically competent individuals whose qualifications are
19 acceptable to the commissioner.

20 b. Inspection procedures of the organization shall meet
21 the requirements either established by rules adopted by the
22 national board of boiler and pressure vessel inspectors or
23 established by rule API-510 adopted by the American petroleum
24 institute. The commissioner shall approve any requirements
25 established pursuant to this paragraph.

26 c. The inspection shall be conducted by a person certified
27 by the commissioner as a qualified owner-user inspector for
28 the year during which an inspection occurs pursuant to rules
29 adopted by the commissioner. The rules shall provide that the
30 inspector hold a valid owner-user inspection commission from,
31 and has passed an examination prescribed by, the national
32 board of boiler and pressure vessel inspectors, that the
33 inspector be an American petroleum institute-certified
34 inspector, or that the inspector hold a certificate of
35 competency as an inspector from a state that has standards

1 equal to or greater than the standards of this state.

2 3. Upon completion of an inspection by a qualified owner-
3 user inspection organization, the division of labor services
4 of the department of workforce development shall, upon payment
5 of a fee by the owner or user of equipment, issue a
6 certificate of inspection which shall be valid for the same
7 period of time as provided in section 89.3.

8 4. An owner-user inspector shall notify, in writing, the
9 user and the commissioner of any equipment or appurtenance
10 found to be unsafe or unfit for operation and the nature and
11 extent of such defect or unsafe condition. The commissioner
12 shall indicate to the user whether the equipment may be used
13 without making repair or replacement of defective parts, or
14 whether the equipment may be used in a limited capacity before
15 repairs are made. The commissioner shall permit the user a
16 reasonable time to make such repairs.

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EXPLANATION

18 This bill makes changes concerning the inspection of
19 boilers and unfired steam pressure vessels. The bill provides
20 that all boilers, not just boilers of 100,000 pounds or more
21 capacity, can be inspected at intervals of greater than one
22 year. The bill provides that the inspection, both externally
23 and internally while not under pressure, of certain boilers
24 and unfired steam pressure vessels can be done once every
25 three years and not once every two years. The bill authorizes
26 an exception to the three-year internal inspection if the
27 labor commissioner so allows.

28 The bill also permits the inspection of boilers and unfired
29 steam pressure vessels by a "qualified owner-user inspection
30 organization" instead of by the labor commissioner. The bill
31 establishes the requirements such an organization needs to
32 meet to be considered a qualified owner-user inspection
33 organization.

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