

2011 -- S 1014

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LC02802
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STATE OF RHODE ISLAND

IN GENERAL ASSEMBLY

JANUARY SESSION, A.D. 2011

A N A C T

RELATING TO LABOR AND LABOR RELATIONS

Introduced By: Senators E O'Neill, and Doyle

Date Introduced: June 02, 2011

Referred To: Senate Labor

It is enacted by the General Assembly as follows:

1 SECTION 1. Section 28-25-18 of the General Laws in Chapter 28-25 entitled "Boiler
2 Inspection and Pressure Vessels" is hereby amended to read as follows:

3 **28-25-18. Exemptions.** -- (a) This chapter does not apply to the following boilers and
4 pressure vessels:

5 (1) Boilers and pressure vessels under federal control.

6 (2) Boilers on motor vehicles, self-propelled boilers, ditching machines, cranes, pile
7 drivers, wreckers, and steam shovels that are owned by railroads or railways.

8 (3) Boilers on steam locomotives under the jurisdiction of the United States Department
9 of Transportation.

10 (4) Boilers on vessels within the waters of the state.

11 (5) Pressure vessels used for transportation and storage of compressed or liquefied gases
12 when construction is in compliance with specifications of the U.S. Department of Transportation
13 and when charged with gas or liquid, marked, maintained, and periodically re-qualified for use, as
14 required by appropriate regulations of the U.S. Department of Transportation.

15 (6) Pressure vessels located on vehicles operating under the rules of other state or federal
16 authorities and used for carrying passengers or freight.

17 (7) Air tanks installed on the right of way of railroads and used directly in the operation
18 of trains.

19 (8) Pressure vessels that do not exceed an inside diameter, width, height, or cross section

1 of six (6) inches with no limitation on length or pressure.

2 (9) Pressure vessels having an internal or external working pressure not exceeding
3 fifteen (15) psig, with no limit on size.

4 (10) Pressure vessels with a nominal water containing capacity of one hundred twenty
5 (120) gallons or less for containing water under pressure, including those containing air, the
6 compression of which serves only as a cushion; providing the vessels do not exceed three
7 hundred (300) psi and one hundred eighty degrees (180 degrees) F.

8 (11) Pressure vessels containing water heated by steam or any other indirect means when
9 none of the following limitations are exceeded:

10 (i) A heat input of two hundred thousand (200,000) BTU per hour.

11 (ii) A water temperature of two hundred ten degrees (210 degrees) F.

12 (iii) A nominal water containing capacity of one hundred twenty (120) gallons.

13 (12) (i) Hot water supply boilers which are directly fired with oil, gas, electricity, or
14 solid fuel when none of the following limitations is exceeded:

15 (A) Heat input of two hundred thousand (200,000) BTU per hour.

16 (B) Water temperature of two hundred ten degrees (210 degrees) F.

17 (C) Nominal water capacity of one hundred twenty (120) gallons.

18 (ii) These exempt hot water supply boilers shall be equipped with ASME-National Board
19 approved safety valves.

20 (13) Approved pressure vessels (hot water heaters listed by a nationally recognized
21 testing agency), with approved safety devices including pressure temperature relief valve, with a
22 nominal water containing capacity of one hundred twenty (120) gallons or less having a heat
23 input of two hundred thousand (200,000) B.T.U. per hour or less, used solely for hot water supply
24 at pressure of one hundred sixty (160) pounds per square inch or less, and at temperatures of two
25 hundred ten degrees (210 degrees) Fahrenheit or less; provided, that such pressure vessels are not
26 installed in places of public assembly [as defined for purposes of this chapter by department of](#)
27 [labor and training regulations.](#) ~~such as schools, child care centers, public and private hospitals,~~
28 ~~nursing and boarding homes, churches, public buildings, or any similar place of public assembly.~~

29 (14) Boilers and pressure vessels in the care, custody and control of research facilities
30 and used solely for research purposes which require one or more details of non-code construction
31 or which involve destruction or reduced life expectancy of those vessels.

32 (15) Pressure vessels or other structures or components that are not considered to be
33 within the scope of ASME Code Section VIII.

34 (16) Antique boilers and pressure vessels whether or not used in public, nonprofit,

1 engineering, and/or scientific museums and operated for educational, historical, or exhibition
2 purposes with shell diameter less than twelve inch (12") and with a grate surface area of less than
3 one square foot.

4 (b) The following boilers and pressure vessels are exempt from the requirements of
5 sections 28-25-11, 28-25-12, and 28-25-13:

6 (1) Steam boilers used for heating purposes carrying a pressure of not more than fifteen
7 (15) pounds per square inch gauge, and which are located in private residences or in apartment
8 houses of less than six (6) family units provided the boiler heat input does not exceed four
9 hundred thousand (400,000) BTU per hour.

10 (2) Hot water heating boilers which are located in private residences or in apartment
11 houses of less than six (6) family units provided the boiler heat input does not exceed four
12 hundred thousand (400,000) BTU per hour.

13 (3) Hot water boilers and hot water heaters operated at pressure not exceeding one
14 hundred sixty (160) pounds per square inch gauge, or temperatures not exceeding two hundred
15 fifty degrees (250 degrees) F. which are located in private residences or in apartment houses of
16 less than six (6) family units provided the boiler or hot water heater is not in a place of public
17 assembly as delineated in subdivision (a)(13) of this section.

18 (4) Pressure vessels on remote oil or gas producing lease locations that have fewer than
19 ten buildings intended for human occupancy per one-quarter (0.25) square mile and where the
20 closest building is at least two hundred twenty (220) yards from any vessel.

21 (5) Pressure vessels that do not exceed:

22 (i) Five (5) cubic feet in volume and twenty-five (25) psig pressure; or

23 (ii) One and one-half (1.5) cubic feet in volume and six hundred (600) psig pressure.

24 (6) Air tanks at gas or service stations used for inflation of tires on automobiles or other
25 vehicles.

26 SECTION 2. This act shall take effect upon passage.

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EXPLANATION
BY THE LEGISLATIVE COUNCIL
OF
A N A C T
RELATING TO LABOR AND LABOR RELATIONS

1 This act would provide that the department of labor and training define the term “places
2 of public assembly” for purposes of determining exemptions from the state-mandated
3 requirement of boiler and pressure system inspections.

4 This act would take effect upon passage.

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