

As Passed by the House

124th General Assembly

Regular Session

2001-2002

H. B. No. 344

REPRESENTATIVES Calvert, Schmidt, Manning, Hartnett, Barrett, Flannery,
Hagan, Distel, D. Miller, Rhine, Fedor, Collier, Kilbane, Lendrum, Carmichael,
Carey, Setzer, Buehrer, Faber, Coates, Aslanides, Cates, Webster, Carano,
Patton, Cirelli, Latell, Trakas, Williams, Flowers, G. Smith, Oakar, Otterman,
Latta

A B I L L

To amend sections 4104.02 and 4104.04 of the Revised 1
Code to eliminate an exemption from the Boilers Law 2
for specified historical steam boilers and require 3
the Board of Building Standards to establish 4
standards for operating historical steam-powered 5
tractors and testing operators of those tractors. 6

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF OHIO:

Section 1. That sections 4104.02 and 4104.04 of the Revised 7
Code be amended to read as follows: 8

Sec. 4104.02. The board of building standards shall: 9

(A) Formulate rules for the construction, installation, 10
inspection, repair, conservation of energy, and operation of 11
boilers and the construction, inspection, and repair of unfired 12
pressure vessels and for ascertaining the safe working pressures 13
to be carried on such boilers and unfired pressure vessels and the 14
qualification of inspectors of boilers and unfired pressure 15
vessels; 16

(B) Prescribe tests, if it is considered necessary, to ascertain the qualities of materials used in the construction of boilers and unfired pressure vessels;

(C) Adopt rules regulating the construction and sizes of safety valves for boilers and unfired pressure vessels of different sizes and pressures, for the construction, use, and location of fusible plugs, appliances for indicating the pressure of steam and level of water in the boiler or unfired pressure vessels, and such other appliances as the board considers necessary to safety in operating boilers;

(D) Make a standard form of certificate of operation for boilers;

(E) Establish reasonable fees for the performance of reviews, surveys, or audits of manufacturer's facilities by the division of industrial compliance for certification by the American society of mechanical engineers and the national board of boiler and pressure vessel inspectors;

(F) Adopt rules establishing all of the following:

(1) Standards for the operation of tractors that are powered by historical steam boilers of riveted construction that are preserved, restored, or maintained for hobby or demonstration;

(2) Testing requirements for the operators of tractors described in division (F)(1) of this section;

(3) Methods for determining compliance with rules adopted under this division.

The definitions and rules adopted by the board for the construction, installation, inspection, repair, conservation of energy, and operation of boilers and the construction, inspection, and repair of unfired pressure vessels and for ascertaining the safe working pressures to be used on such boilers and unfired

pressure vessels shall be based upon and follow generally accepted
engineering standards, formulae, and practices established and
pertaining to boilers and unfired pressure vessel construction,
operation, and safety, and the board may, for this purpose, adopt
existing published standards as well as amendments thereto
subsequently published by the same authority.

47
48
49
50
51
52

When a person desires to manufacture a special type of boiler
or unfired pressure vessel, the design of which is not covered by
the rules of the board, ~~he~~ the person shall submit drawings and
specifications of such boiler or unfired pressure vessel to the
board for investigation, after which the board may permit its
installation.

53
54
55
56
57
58

The provisions of sections 119.03 and 119.11 of the Revised
Code in particular, and the applicable provisions of Chapter 119.
of the Revised Code in general, shall govern the proceedings of
the board of building standards in adopting, amending, or
rescinding rules pursuant to this section.

59
60
61
62
63

Sec. 4104.04. (A) Sections 4104.01 to 4104.20, and section
4104.99 of the Revised Code do not apply to the following boilers
and unfired pressure vessels:

64
65
66

(1) Boilers and unfired pressure vessels under federal
control or subject to inspection under federal laws;

67
68

(2) Air tanks located on vehicles operating under the rules
of other state authorities and used for carrying passengers, or
freight;

69
70
71

(3) Air tanks installed on the right of way of railroads and
used directly in the operation of trains;

72
73

(4) Unfired pressure vessels which are under the regulation
and control of the state fire marshal under Chapter 3737. of the
Revised Code.

74
75
76

(B) The following boilers and unfired pressure vessels are 77
exempt from the requirements of sections 4104.10, 4104.101, 78
4104.11, 4104.12, and 4104.13 of the Revised Code, but shall be 79
equipped with such appliances, to insure safety of operation, as 80
are prescribed by the board: 81

(1) Portable boilers or unfired pressure vessels when located 82
on farms and used solely for agricultural purposes; 83

(2) Steam or vapor boilers carrying a pressure of not more 84
than fifteen psig, which are located in private residences or in 85
apartment houses of less than six family units; 86

(3) Hot water boilers operated at pressures not exceeding one 87
hundred sixty psig, or temperatures not exceeding two hundred 88
fifty degrees Fahrenheit, which are located in private residences 89
or in apartment houses of less than six family units; 90

(4) Unfired pressure vessels containing only water under 91
pressure for domestic supply purposes, including those containing 92
air, the compression of which serves only as a cushion or airlift 93
pumping system, when located in private residences or in apartment 94
houses of less than six family units; 95

(5) Portable boilers used in pumping, heating, steaming, and 96
drilling, in the open field, for water, gas, and oil; 97

(6) Portable boilers used in the construction of and repair 98
to public roads, railroads, and bridges; 99

~~(7) Historical steam boilers of riveted construction,~~ 100
~~preserved, restored, or maintained for hobby or demonstration use.~~ 101

Section 2. That existing sections 4104.02 and 4104.04 of the 102
Revised Code are hereby repealed. 103