

# HB3814



## 104TH GENERAL ASSEMBLY

State of Illinois

2025 and 2026

HB3814

Introduced 2/18/2025, by Rep. Jay Hoffman

### SYNOPSIS AS INTRODUCED:

430 ILCS 75/10

from Ch. 111 1/2, par. 3211

Amends the Boiler and Pressure Vessel Safety Act. Provides that the standards of inspection and repair of pressure vessels in service by an owner-user shall, at the option of the owner-user, be either (1) the applicable rules and regulations in the National Board Inspection Code or (2) the applicable provisions of the American Petroleum Institute API-510, "API Recommended Practice for Inspection, Repair, and Rating of Pressure Vessels in Petroleum Refining Service". Prohibits the period of time between inspections from being longer than 5 years.

LRB104 10721 BDA 20800 b

A BILL FOR

1 AN ACT concerning safety.

2 **Be it enacted by the People of the State of Illinois,**  
3 **represented in the General Assembly:**

4 Section 5. The Boiler and Pressure Vessel Safety Act is  
5 amended by changing Section 10 as follows:

6 (430 ILCS 75/10) (from Ch. 111 1/2, par. 3211)

7 Sec. 10. Inspection of boilers and pressure vessels.

8 (a) Each boiler or pressure vessel used or proposed to be  
9 used within this State, except boilers or pressure vessels  
10 exempt under this Act or rules and regulations of the Board,  
11 shall be thoroughly inspected as to its construction,  
12 installation, condition, and operation as follows:

13 (1) Power boilers shall be inspected annually both  
14 internally and externally while not under pressure and  
15 shall also be inspected annually externally while under  
16 pressure if possible; provided that any power boiler or  
17 steam generator, the operation of which is an integral  
18 part of or a necessary adjunct to other continuous  
19 processing operations, shall be inspected internally at  
20 such intervals as are permitted by the shutting down of  
21 the processing operations. The Board may provide by rules  
22 and regulations for extension of time within which power  
23 boilers are required to be inspected based upon type,

1 function, or manner of operation. However, the standards  
2 of inspection and repair of pressure vessels in service by  
3 an owner-user authorized under Section 15 shall, at the  
4 option of the owner-user, be either (1) the applicable  
5 rules and regulations in the National Board Inspection  
6 Code or (2) the applicable provisions of the American  
7 Petroleum Institute API-510, "API Recommended Practice for  
8 Inspection, Repair, and Rating of Pressure Vessels in  
9 Petroleum Refining Service". In no event should the period  
10 of time between inspections covered by this Section be  
11 longer than 5 years.

12 (2) Low pressure steam, hot water heating, and hot  
13 water supply boilers shall be inspected biennially as  
14 required by the rules and regulations of the Board.

15 (3) Traction steam engine boilers and other boilers  
16 constructed before the effective date of this amendatory  
17 Act of 1992 and operated solely for exhibition purposes  
18 may be issued an inspection certificate by the Chief or  
19 Deputy Inspector, provided the owner can establish and  
20 document that the design, materials, fabrication,  
21 examination, testing, and operation are in accordance with  
22 the rules and regulations of the Board. Traction engine  
23 boilers and other boilers used solely for exhibition  
24 purposes shall be inspected every 2 years.

25 (4) Pressure vessels subject to internal corrosion  
26 shall receive a certificate inspection every 3 years as

1 required by rules and regulations of the Board. However,  
2 the standards of inspection and repair of pressure vessels  
3 in service by an owner-user authorized under Section 15  
4 shall, at the option of the owner-user, be either (1) the  
5 applicable rules and regulations in the National Board  
6 Inspection Code, or (2) the applicable section in the  
7 American Petroleum Institute API-510, "API Recommended  
8 Practice for Inspection, Repair, and Rating of Pressure  
9 Vessels in Petroleum Refining Service".

10 (5) Pressure vessels not subject to internal corrosion  
11 shall receive certificate inspection at intervals set by  
12 the Board, but internal inspection shall not be required  
13 of pressure vessels containing materials that are known to  
14 be noncorrosive to the material of which the shell, heads,  
15 or fittings are constructed, either from the chemical  
16 composition of the materials or from evidence that the  
17 materials are adequately treated with a corrosion  
18 inhibitor, provided that the vessels are constructed in  
19 accordance with the rules and regulations of the Board.

20 A grace period of 2 months beyond the period specified in  
21 this Section may elapse between internal inspections of a  
22 boiler while it is not under pressure and between external  
23 inspections of a boiler while it is under pressure. The Board  
24 may, in its discretion, permit longer periods between  
25 certificate inspection.

26 The inspections herein required shall be made by the Chief

1 Inspector, a Deputy Inspector, or a Special Inspector provided  
2 for in this Act.

3 (b) If at any time a test is deemed necessary for a stated  
4 cause by the inspector, the owner or user shall perform a test  
5 acceptable to the inspector in the presence of and under the  
6 direction of the inspector.

7 (c) All boilers and pressure vessels, except those  
8 otherwise exempted by the Board, shall be inspected during  
9 construction, as required by the applicable rules and  
10 regulations of the Board, by an inspector authorized to  
11 inspect boilers and pressure vessels in this State or, if  
12 constructed outside of the State, by an inspector holding a  
13 Certificate from the National Board of Boiler and Pressure  
14 Vessel Inspectors or a Certificate of Competency as an  
15 inspector of boilers and pressure vessels for a jurisdiction  
16 that has a standard of examination substantially equal to that  
17 of this State as provided in Section 9.

18 (Source: P.A. 94-748, eff. 5-8-06.)