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**TITLE 680 BOILER AND PRESSURE VESSEL RULES BOARD**

**Final Rule**

LSA Document #06-124(F)

**DIGEST**

Amends [680 IAC 2-1-2](#) and [680 IAC 2-1-5](#) for the purpose of adding certain exemptions. Effective 30 days after filing with the Publisher.

**[680 IAC 2-1-2](#); [680 IAC 2-1-5](#)**

SECTION 1. [680 IAC 2-1-2](#) IS AMENDED TO READ AS FOLLOWS:

**[680 IAC 2-1-2](#) Title; scope; applicability; definition**

**Authority:** [IC 22-13-2-8](#)

**Affected:** [IC 22-12-4](#); [IC 22-12-7](#); [IC 22-13-2-11](#)

Sec. 2. (a) This rule shall be known as the Indiana Boiler and Pressure Vessel Rules.

(b) The purpose of this article shall be to specify minimum standards that govern the construction, installation, inspection, and repair of regulated boilers and unfired pressure vessels in Indiana.

(c) This article does not presume to limit in any way the builder's right to choose any method of design or form of construction that conforms to the standards prescribed, or provided for in this article, as such standards cover certain fundamental features of construction and leave a number of details to the judgment of designers and acceptance of inspectors.

(d) Any condition not covered by this article shall comply with the applicable provisions of the ASME code or the API-ASME code.

(e) "Regulated boiler or pressure vessel" refers to any part of a boiler or pressure vessel not described in subsection (f). The vessels listed in subsection (f) are exempted from both ASME standard construction and periodic inspection by the boiler and pressure vessel safety section of the department of homeland security.

(f) The term "regulated boiler or pressure vessel" does not include any of the following:

(1) Water heaters commonly known as domestic water heaters having a size and heat input that do not exceed that specified by the rules board.

(2) Pressure vessels other than nuclear vessels operated entirely full of water or other liquid that the rules board specifically found to be not materially more hazardous than water, if the temperature of the vessel's contents does not exceed one hundred eighty (180) degrees Fahrenheit.

(3) Boilers and pressure vessels under federal regulation.

(4) Pressure vessels meeting the requirements of the Interstate Commerce Commission for shipment of liquids or gases under pressure.

(5) Air tanks located on vehicles operating under the rules of other state authorities and that are also used for carrying passengers or freight.

(6) Air tanks installed on the right-of-way of railroads and used directly in the operation of trains.

(7) Pressure vessels that were installed before July 1, 1971, and that have a volume of:

(A) fifteen (15) cubic feet or less if located in a place other than a place of public assembly; and

(B) five (5) cubic feet or less if located in a place of public assembly.

(8) Pressure vessels, other than nuclear vessels that were installed after June 30, 1971, and that have a volume of:

(A) fifteen (15) cubic feet or less, if adequately protected by pressure relieving devices set to function at three hundred (300) pounds per square inch or less and located in a place other than a place of public assembly;

(B) five (5) cubic feet or less if adequately protected by pressure relieving devices set to function at

two hundred fifty (250) pounds per square inch or less and located in a place of public assembly; or  
(C) one and one-half (1 1/2) cubic feet or less regardless of pressure or location, unless otherwise covered by this article.

(9) Pressure vessels, other than nuclear vessels protected by adequate pressure relieving devices, set to function at not over fifteen (15) pounds per square inch gauge.

(10) Pressure vessels containing liquefied petroleum gases and regulated by the commission.

(11) Surgical sterilizers, coffee urns, and steam jacketed food cookers that do not exceed size limits specified by the rules board.

(12) Commercial toy boilers and miniature model boilers constructed as a hobby that do not exceed a size specified by the board.

(13) Pressure vessels containing anhydrous ammonia, used in transportation, distribution, or use storage of the product as a liquid fertilizer, and for which a general scheme of construction, installation, and safety requirements has been adopted by statute or rule of another state agency. This exemption does not apply to vessels in refineries or in manufacturing or processing plants.

(14) Nuclear vessels for the collection and disposal of nuclear waste from a nuclear energy system that are not subject to pressures greater than would prevail if they were vented to the atmosphere.

(15) Standard and miniature traction engine boilers and other boilers used solely for exhibition purposes.

(16) A locomotive boiler used only on a railway that is used as a tourist attraction.

*(Boiler and Pressure Vessel Rules Board; [680 IAC 2-1-2](#); filed Jan 5, 1996, 10:15 a.m.: 19 IR 1110; readopted filed Jul 9, 2001, 1:33 p.m.: 24 IR 3822; filed Dec 18, 2006, 1:17 p.m.: [20070117-IR-680060124FRA](#))*

SECTION 2. [680 IAC 2-1-5](#) IS AMENDED TO READ AS FOLLOWS:

#### **[680 IAC 2-1-5](#) Exemptions**

**Authority:** [IC 22-13-2-8](#)

**Affected:** [IC 22-12-4](#); [IC 22-12-7](#); [IC 22-13-2-11](#); [IC 22-15-6](#)

Sec. 5. (a) Boilers and pressure vessels are exempt from this article as set forth in [IC 22-12-1-20](#): **section 2 of this rule.**

(b) Regulated boilers and pressure vessels are exempt from inspection programs and operating permit requirements as set forth in [IC 22-15-6-1](#) as follows:

(1) Any regulated boiler or pressure vessel located on a farm and used solely for agricultural purposes.

(2) Any steam boiler or water heating boiler meeting the following requirements:

(A) Located in:

(i) an owner occupied residence;

(ii) a residential structure with fewer than seven (7) apartments; or

(iii) a place other than a place of public assembly.

(B) Operated for heating purposes at a pressure not exceeding fifteen (15) pounds per square inch gauge, if qualifying as a steam boiler, and operated at a pressure not exceeding thirty (30) pounds per square inch gauge, if qualifying as a water heating boiler.

(C) Having a gross output rating not exceeding two hundred fifteen thousand (215,000) British thermal units per hour, if not located in a place of public assembly.

(3) Any pressure vessel:

(A) containing only water under pressure for domestic supply purposes, including one containing air, if the compressed air serves only as a cushion or as part of an airlift pumping system; and

(B) located in an owner occupied residence or a residential structure with less than seven (7) apartments.

(4) Any pressure vessel used as an integral part of an electrical circuit breaker.

(c) The following regulated objects are covered under the scope of the permit for the system of which they are a part and do not require separate operating permits; however, they must meet all other requirements of [IC 22-15-6](#) and this article:

(1) Expansion tanks located within a system wherein the boiler in that system is regulated with the division.

(2) Hot water storage tanks which that contain only water under pressure under the following conditions:

(A) Temperature not to exceed two hundred ten **(210)** degrees Fahrenheit. ~~(210 F)~~;

(B) Protected from overpressure.

(3) Refrigeration vessels located in a system of refrigeration wherein said system is regulated with the division.

*(Boiler and Pressure Vessel Rules Board; [680 IAC 2-1-5](#); filed Jan 5, 1996, 10:15 a.m.: 19 IR 1111; readopted filed Jul 9, 2001, 1:33 p.m.: 24 IR 3822; filed Dec 18, 2006, 1:17 p.m.: [20070117-IR-680060124FRA](#))*

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