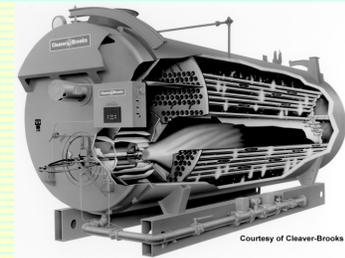


8th Annual Boiler Industry Days

April 18th and April 19th, 2012

Presented by Rick Merkle
April 18, 2012

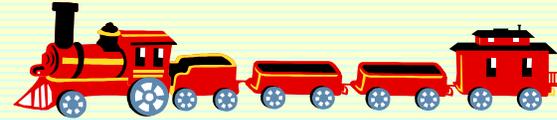


Boiler Code Updates

SPS 341



Quick Synopsis

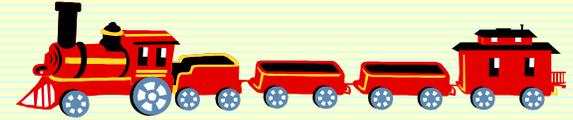


1. Updating currently adopted national standards to the most recent edition of the standards. [SPS 341.10 (2)]

2. In addition adopting:

- **National Board Inspection Code Parts 1,2, & 3 (NBIC), ANSI/NB-23, 2011 ed. [SPS 341.10 (3)] [except as modified in SPS 341.11 (1) a,b & c]**
- **Controls and Safety Devices for Automatically Fired Boilers, ASME CSD-1–2009 [SPS 341.10 (2)(e)] [except as modified in SPS 341.11 (2) a & b]**
- **Compressed Gases & Cryogenic Fluids Code NFPA 55, 2010 ed. [SPS 341.10 (4)]**

History of Boiler Code IND 41 to SPS 341



- **Wisconsin Industrial Commission created the First Boiler code in 1914**
- **Became the Department of Industry IND 41**
- **IND 41 existed from 1914 to 1984**
 - ✓ **Key Events**
 - ✓ **1957 Adoption of ASME Codes**
 - ✓ **IND 42 Created**

History of Boiler Code IND 41 to SPS 341

- **1984 Department of Industry became the Department of Industry Labor and Human Relations**
 - ✓ **IND 41-42 was repealed and ILHR 41-42 created Register Feb 1984, Effective Date - 1 Mar 1984**
 - **1999 Department of Industry Labor and Human Relations Became Department of Commerce**
 - ✓ **ILHR 41-42 Repealed and COMM 41-42 created Mar 1999, Effective Date - 1 Apr 1999**
-

History of Boiler Code IND 41 to SPS 341

- **Key events Mar 2000**
 - ✓ **Comm 41 adopted NBIC -1998 edition**
 - ✓ **Register Feb 2000, Effective Date - 1 Mar 2000**
 - ✓ **COMM 42 Repealed**
- **2011 the Dept. of Commerce S&B and ERS was merged with the Dept. of Regulation & Licensing (DRL) And became the Dept. of Safety and Professional Services (DSPS)**
 - ✓ **COMM 41 was Renumbered DSPS 341 registered Dec 1, 2011**



Boilers and Pressure Vessels SPS 341

Summary of Proposed Rules

- The revisions to chapter SPS 341 are to update the requirements by adopting the most current edition of the adopted national standards relating to boilers and pressure vessels, to clarify existing rules, update referenced forms to current revision levels and use standard formatting. The following is a summary of the major **RULE** changes in this chapter:

SPS 341 Updates

➤ **SPS 341.02 Scope. (1) BOILERS AND PRESSURE VESSELS.**

✓ **NEW**

(b) 3. This chapter does not apply to the gas systems that are within the scope of ch. SPS 340.

Note: *The gas systems addressed in chapter SPS 340 include pressurized vessels and piping for gases that are used for fueling purposes, such as for heating appliances or engines.*

SPS 341 Updates

SPS 341.03 Application. Repealed and recreated

- **(1) RETROACTIVITY** expanded to 3 sub para.
 - ☞ (a) The operation, testing, maintenance and inspection requirements of this chapter apply to all boilers, pressure vessels, power piping, solid-fuel-fired water-heating appliances, and their components, that exist on or after June 1, 2012.
 - ☞ (b) A design, construction or installation rule of this chapter, including the applied criteria from the standards adopted in s. SPS 341.10, does not apply retroactively to boilers, pressure vessels, power piping, solid-fuel-fired water-heating appliances, and their components, that were installed prior to the effective date of the rule unless specifically stated in the rule or standard.
 - ☞ (c) The design, construction and installation requirements of this chapter apply to any alterations, repairs, and replacement parts or components for all boilers, pressure vessels, power piping, solid-fuel-fired water-heating appliances, and their components, that exist on or after June 1, 2012.
-

SPS 341 Updates

SPS 341.03 Application. Repealed and recreated

- **(2) DIFFERING RULES.** expanded to 3 sub para.
 - ☞ (a) Where any department-written rule in this chapter differs from a requirement within a standard referenced in this chapter, the department-written rule shall govern, except as provided in sub. (3).
 - ☞ (b) Where a provision of this chapter prescribes a general requirement and another provision of this chapter prescribes a specific or more detailed requirement regarding the same subject, the specific or more detailed requirement shall govern, except as provided in par. (a).
 - ☞ (c) Where different sections of this chapter specify conflicting requirements, the most restrictive requirement, as determined by the department, shall govern, except as provided in pars. (a) and (b).
-

SPS 341 Updates

➤ SPS341.03 Contd.

👉 **New (3) EXCLUSIONS.** *The department-written rules in this chapter do not nullify any exclusions specified in the standards adopted under s. SPS 341.10.*

👉 **New (5) LOCAL REQUIREMENTS.** *This chapter does not limit the power of cities, villages and towns to make or enforce additional or more stringent requirements, provided the requirements do not conflict with this chapter, any other rule of the department, or law.*

SPS 341 Updates

➤ SPS 341.04 Definitions.

☞ **Modified** *paragraph (1)*

☞ **New** *Paragraphs (4)(12)(23)(38)(40)*



SPS 341 Updates



➤ SPS 341.07 Appeals.

- 👉 **NEW (1) APPEAL OF DEPARTMENT ORDER.** Pursuant to s. 101.02 (6) (e), Stats., any person who owns or occupies a property that is affected by an order of the department may petition the department for a hearing on the reasonableness of the order.

SPS 341 Updates

➤ SPS 341.08 Fees.

👉 Note Added

👍 **Note:** *A first class city may charge the same or other fees for their services. Service contractors who are authorized agents of the Department charge fees that are established in a contract with the Department.*



SPS 341 Updates



- **NEW SPS 341.09 Enforcement. (1) This chapter shall be enforced by the department and its authorized agents, except as provided in s. SPS 341.16 (1) (b) 2. and (3) (b) for one- and 2-family dwellings.**
- **(2) Where a first class city administers and enforces this chapter, a regulated item or activity shall be directed to or addressed by the city before requesting input from the department.**
- **Note: Under section SPS 341.03 (4), the Department reserves the right to interpret the requirements in this chapter and in all codes and standards adopted herein.**

SPS 341 Updates

➤ **SPS 341.10 Adoption of standards by reference.** *The latest and Greatest*

- 👍 *API 510 9th edition 2006 (no change)*
 - 👍 *ASME Sections I, II, IV, V, VIII, IX, X, 2010 edition*
 - 👍 *ASME B31.1 2010 edition*
 - 👍 *ASME PVHO-1-2007 and ASME PVHO-2-2003*
 - 👍 *ASME CSD-1-2009*
 - 👍 *NBIC ANSI/NB-23 2011 edition Parts 1, 2, 3*
 - 👍 *NFPA-55 2010 ed. Compressed gases & Cryogenic fluids*
-

SPS 341 Updates

➤ **NEW SPS 341.11 (1)(2)(3)(4) Application of standards.**

- ☠ **(1) NBIC OMISSIONS.** *The requirements in the following portions of the NBIC are not included as part of this chapter:*
- ☠ *(a) In part 1 – sections 1, 2.4.1, 2.5.4, 2.10.2, 2.10.6, 3.2.3, 3.4.1, 3.5.3, 3.5.4, 3.7.5.2, 3.7.7.2, 3.7.9.2, 3.8.3, 3.9.4, 3.10, and 5; Figures 3.7.5-d and 3.5.7-e; and Table 3.7.9.2.*
- ☠ *(b) In part 2 – sections 1.1, 1.2, 1.3, 1.4, 1.4.1, 2.2.12.5, 2.2.12.6, 2.3.5.4, 2.3.6.4, 2.4, 2.5.3, 5.3 and supplement 6.*
- ☠ *(c) In parts 1 and 2 – any reference to using an NBIC form.*

SPS 341 Updates

➤ **NEW SPS 341.11 (2) Application of standards.**

- ☠ (2) MODIFICATIONS OF ASME CSD-1. (a) Sections CG-120 and CG-140. ASME CSD-1 does not apply to boilers and burner assemblies with fuel input ratings of 400,000 Btu per hour or less.
- ☠ (b) Shutdown switch. The requirement in ASME CSD-1 section CE-110 (a) to locate a shutdown switch or circuit breaker just outside the boiler room door is changed to include an alternative of locating the switch or breaker just inside the principal entrance into the room, where approved by the department or authorized agent.

SPS 341 Updates

➤ **NEW SPS 341.11 (3)(4) Application of standards.**

- ☞ **(3) SECONDARY REFERENCES.** *Any codes or standards referenced in the standards adopted in s. SPS 341.10 shall apply to the prescribed extent of each such reference, except as modified by this chapter.*
- ☞ **(4) ALTERNATE STANDARDS.** *Any alternate standard that is equivalent to or more stringent than a standard incorporated by reference or otherwise referenced under this chapter may be used in lieu of the incorporated or referenced standard if the alternate standard is accepted in writing by the department.*

SPS 341 Updates

➤ **SPS 341.15 General inspection requirements.**

☞ **SPS 341.15(1)** amended

➤ **New SPS 341.15(3)** *An insurance company may provide the inspection services specified in this chapter, in lieu of those services being provided by the department or an authorized agent, only if the company meets all of the following conditions:*

☞ (a) *It is authorized by this state to provide boiler and machinery insurance.*

☞ (b) *It is actively engaged in writing boiler and machinery insurance for the general public.*

☞ (c) *It uses only certified inspectors to perform the inspections.*

SPS 341 Updates

Subchapter II - Inspections

- **SPS 341.15 General inspection requirements.**
 - ***New SPS 341.15(5) COMPLIANCE RESPONSIBILITIES. (a)***
 - *1. The certified inspector shall provide any inspection report describing any noncompliance with this chapter to the owner or user within 5 business days after completing the inspection.*
 - *2. The certified inspector shall leave a copy of the inspection report on site if a life-safety violation is indicated.*
 - *(b) The owner or user shall correct any aspects that do not comply with applicable requirements of this chapter, within any time period prescribed by the certified inspector or the department.*

SPS 341 Updates



- **New SPS 341.16 Installation inspections. (1)**
BOILER AND PRESSURE VESSEL INSPECTIONS.
(a) 2 and 3
- 👍 2. Inspections under this section shall be conducted in accordance with the NBIC.
 - 👍 3. Inspections under this section where equipment is installed under ASME CSD-1 shall include verification of whether all of the following are available:
 - ✓ a. The manufacturer's instructions that are required in ASME CSD-1 sections CG-430 and 510 (c).
 - ✓ b. The manufacturer's and contractor's reports that are required in ASME CSD-1 sections CG-510 (a) and (b).
 - ✓ c. The operator's checklist that is required in ASME CSD-1 section CM-130.

SPS 341 Updates



Electronic Data Interchange

- **SPS 341.16 Installation inspections. (e)**
- (e) 1. *Except as provided in subd. 2., reports of required installation inspections shall be sent to the department in accordance with the department's electronic data interchange transfer guidelines, within 5 business days after completing the inspection, unless additional time is authorized by the department.*
- 2. a. *The department's 10663-E inspection form may be used in lieu of the electronic data interchange system where approved in advance by the department.*
b. *No reports to the department are required for the inspections performed under par. (b) 2. (1&2 family)*

SPS 341 Updates



➤ SPS 341.16 Installation inspections.

➤ (2) POWER PIPING INSPECTIONS.

- ☠ **Deleted** (f) The owner of the power piping system may request power piping inspections in addition to the minimum inspections.
- ☠ **Deleted** (g) Inspection fees for the power piping inspections shall be assessed by the department or by the city of the first class.

SPS 341 Updates

➤ SPS 341.17 Periodic Inspections.

➤ (4) INSPECTION OF SAFETY VALVES AND SAFETY RELIEF VALVES.

👍 **NEW** Note: See chapters SPS 381 to 387, Plumbing, for requirements relating to combination temperature and pressure relief valves.

👍 **NEW (5) INSPECTION OF RUPTURE DISKS.** Except as provided in s. SPS 341.18, rupture disks shall be subjected to a visual inspection at least once every 36 months by a certified inspector.

SPS 341 Updates

SPS 341.17 Periodic Inspections.

➤ **NEW (7) INSPECTION STANDARDS.**

- (a) *NBIC. Inspections under this section shall be conducted in accordance with the NBIC.*
- (b) *ASME CSD-1. Inspections under this section where equipment is installed under ASME CSD-1 shall include verification of whether all of the following are available:*
- 1. The manufacturer's instructions that are required in ASME CSD-1 sections CG-430 and 510 (c).*
 - 2. The manufacturer's and contractor's reports that are required in ASME CSD-1 sections CG-510 (a) and (b).*
 - 3. A boiler log, maintenance record, service invoice or other written record that shows the results of periodic testing, as required in ASME CSD-1 sections CM-110 and CM-130.*
 - 4. The operator's checklist that is required in ASME CSD-1 section CM-130.*

SPS 341 Updates



➤ **NEW SPS 341.23 Reporting of periodic inspections.**

*(1) REPORTING PROCESSING TIME. (a) Except as provided in par. (b) and s. SPS 341.55 (4), reports of periodic internal or external inspections of boilers and pressure vessels shall be **sent to the department in accordance with the department's electronic data interchange transfer guidelines, within 5 business days after completing the inspection**, unless additional time is authorized by the department.*

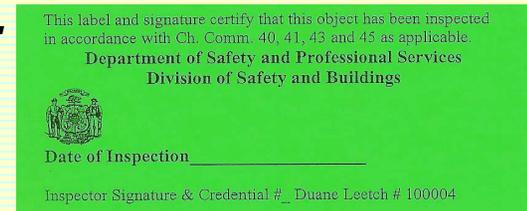
➤ *(b) The department's 10663-E inspection form may be used in lieu of the electronic data interchange system where approved in advance by the department.*

SPS 341 Updates

➤ **NEW SPS 341.23 Reporting of periodic inspections.**

(2) INSPECTION REPORT FORMS. (a) A verification that a periodic inspection has been performed shall be posted on or near the inspected item.

Your Company provided sticker →



FYI

(c) The inspection report shall explain any violation or unsafe condition with references to code section numbers. Recommendations to the owner or user of the vessel, relating to code violations, shall be included in the report to the department.

(d) The inspection report shall be legible and complete.

SPS 341 Updates

Subchapter III - All Installations

- **SPS 341.27 Application.** Except as specified under s. SPS 341.29 (2), this subchapter applies to all boilers and pressure vessels existing on or after June 1, 2012

SPS 341 Updates



- **SPS 341.28 Safety rules. (3) INSTALLATION LOCATION.** (a) Except as specified in par. (b), boilers and pressure vessels shall be installed in accordance with the manufacturer's installation specifications.
- (b) Clearances shall be maintained around boilers, generators, heaters, tanks and related equipment and appliances to permit inspection, servicing, repair, replacement and visibility of all gages. *When boilers are installed or replaced, clearance shall be provided to allow access for inspection, maintenance and repair.*
- Passageways around all sides of boilers shall have an unobstructed width of not less than 18 inches unless otherwise approved by the department or authorized agent.*

SPS 341 Updates

➤ **SPS 341.29 Safety controls. (2)**
PRESSURE AND TEMPERATURE
CONTROLS.

- 👍 **NEW** (b) 2 e. No shut-off valve of any type may be placed in the piping between a boiler and its high-temperature-limit control device.



SPS 341 Updates

- **SPS 341.33 Protection of vessels supplied through pressure-reducing stations. (1) SIZING SAFETY VALVES.**

intro paragraph renumbered (1) and titled

Paragraph (1) renumbered as (2)

SPS 341 Updates

- **SPS 341.38 Reporting accidents, repairs and alterations.** **(1)** *repealed and recreated as* ACCIDENTS. (a) If a component of a boiler or pressure vessel or power piping fails and causes an injury that needs more than first aid treatment, the owner or user shall report the facts involved to the department on form SBD-10787-E within 24 hours after the accident.
- (b) After a failure under par. (a), the owner or user may not remove or disturb the boiler or pressure vessel or power piping or any of the components nor permit any such removal or disturbance prior to receiving authorization from the department or first class city, except for the purpose of saving human life or preventing further property damage.
- (c) Any accidents under par. (a) that occur during the department's non-business hours shall also be reported to the state division of emergency management.

SPS 341 Updates

Subchapter IV - New Installations

- **SPS 341.40 Application.** This subchapter applies to all boilers and pressure vessels, or components thereof, that are installed on or after June 1, 2012.



SPS 341 Updates

- **SPS 341.42 ASME code vessels. (1) ASME CODE COMPLIANCE.** Except as provided in ss. SPS 341.43 to 341.45 and 341.53 (2), boilers and pressure vessels shall be constructed, installed, operated and maintained in accordance with the ASME code, ASME CSD-1 and the NBIC. Boilers and pressure vessels designed to other national or international standards may be approved if the design has been accepted by a nationally recognized independent third party and the department, or if the standard has been accepted by the department.
- **NEW Note:** Section SPS 341.43 also allows construction of boilers and pressure vessels that do not comply with the ASME code, if they comply with criteria in a variance issued by the Department. As referenced in section SPS 341.05, any such variance must comply with chapter SPS 303, which requires establishing an equivalency that meets the intent of the rule.

SPS 341 Updates

- **SPS 341.42 ASME code vessels.**
- ☞ **NEW (3)** HUMAN OCCUPANCY (b) *Inspection, care, repair, replacement, testing and recertification of PVHO acrylic windows in pressure vessels for human occupancy shall comply with ASME PVHO-2.*
- ☞ **NEW (4)** COMPRESSED GASES AND CRYOGENIC FLUID VESSELS. *In addition to complying with subs. (1) and (2), vessels and piping and other components for compressed gases and cryogenic fluids, including for gaseous hydrogen and liquefied hydrogen, shall also comply with NFPA 55, except as provided in s. SPS 341.44.*

SPS 341 Updates

- **SPS 341.45 Noncode vessels. (3) PRESSURE RELIEF REQUIREMENTS.**
- b) Water heaters and hot-water storage tanks shall be equipped with combination temperature and pressure relief valves in accordance *with chs. SPS 381 to 387*

SPS 341 Updates

SPS 341.49 Solid-fuel-fired water-heating appliances.

- 👉 **(3) INSTALLATION.** (a) A solid fuel–fired water–heating appliance shall be located away from other normally occupied occupiable structures in accordance with the manufacturer’s recommendation. If provided, a canopy shall be open on all sides, constructed of substantially nonflammable materials and shall not fully cover the

SPS 341 Updates



➤ Subchapter V - Nuclear Power Plants

- ☞ *SPS 341.53 Application. (1) GENERAL. This subchapter applies to all nuclear power facilities existing on or after June 1, 2012.*
- ☞ *(2) NRC REQUIREMENTS. Construction, installation, operation, alterations and repairs for nuclear facility components that are regulated by the NRC shall comply with all applicable NRC regulations.*
- ☞ *Note: See 10 CFR 50.55a to 50.57 for applicable NRC regulations.*

SPS 341 Updates

- **SPS 341.54 Installation registration.**
(1) OWNER-REPORT FILING BEFORE OPERATION. The owner or user of any nuclear class pressure vessel within the scope of **applicable NRC regulations,** except those vessels exempted from periodic inspections in s. SPS 341.18, shall file a copy of **ASME form N-3,** as required by the NRC, with the department before operating the pressure vessel

SPS 341 Updates



- **SPS 341.55 Periodic inspections.**
- **NEW** (1) (b) Code of record. In-service inspections shall comply with all applicable NRC regulations.
- **NEW** (4) (b) Power boilers located within a nuclear containment may be inspected as part of the in-service inspection. Except as provided in s. SPS 341.18, these boilers shall be inspected at least once every 12 months by a certified inspector, and these inspections shall be reported to the department on form 10663-E.
- SPS341.55 Sub Paragraphs (1), (2), (3), and 4 references to ASME Section XI and forms replaced with language for compliance with the NRC

SPS 341 Updates

- **SPS 341.56 Welded repairs and alterations.**
- **SPS 341.57 Report of incidents**
 - ☞ references to ASME Section XI and forms replaced with language accepting compliance with the NRC
 - ☞ Throughout Subchapter V notes were added following the applicable paragraphs referencing the appropriate ASME forms.

SPS 341 Updates

Subchapter VI - Repairs and Alterations

- **SPS 341.62 Reports *and stamping.* (1) NATIONAL BOARD PROGRAM. (a)** Anyone performing repairs or alterations under the National Board "R" stamp program shall register the repairs and alterations with the National Board on the appropriate ***NBIC "R" forms.***
- ***NEW*** (b) 1. *Stamping of or attaching a nameplate to a repaired or altered pressure-retaining item under NBIC part 3 section 5.7 shall be completed and then verified by a certified inspector before the NBIC "R" form is signed by the inspector.*
- 👍 2. *Any stamping or attaching of a nameplate under this section shall be in accordance with the NBIC, except as provided in subd. 3.*
- 👍 3. *If the stamping or attaching cannot be placed in accordance with the NBIC, the substitute placement shall be described on the appropriate NBIC "R" form, and the description shall be verified by the inspector.*

SPS 341 Updates



- **SPS 341.62 Reports *and stamping.*(2) ADDITIONAL REPORTING REQUIREMENTS.** (a) 1. Anyone performing routine repairs as defined in the NBIC shall register the repairs with the National Board on NBIC form R-1 *and shall stamp or attach a nameplate to the repaired item.*
 - 👍 2. *Any stamping or attaching of a nameplate under this section shall be in accordance with the NBIC, and shall be completed and then verified by the certified inspector before the inspector signs the NBIC R-1 form, except as provided in subd. 3.*
 - 👍 3. *If the stamping or attaching cannot be placed in accordance with the NBIC, the substitute placement shall be described on the NBIC R-1 form, and the description shall be verified by the inspector.*
- (b) Anyone performing seal welding of 6 or more boiler tubes shall register the repair with the National Board on form R-1.

SPS 341 Updates



- **Subchapter IX - Historical Boilers**
- **SPS 341.93** *Interruption of inspection cycle. If an inspection cycle under NBIC part 2 section 6 S2.7.3.2 is interrupted by delaying a required inspection for more than 1 year, the subsequent inspection cycle shall restart from the beginning of the sequence in NBIC part 2 section 6 S2.7.3., which is the initial inspection under NBIC part 2 section 6 S2.7.3.1*
- Note: Throughout SPS-341 the reference to ANSI/NB-23 has been replaced with NBIC



Chapter SPS 302

Fees Schedule



- ✿ The fees charged by the Division of Safety and Buildings and the Division of Environmental and Regulatory Services are contained in chapter SPS 302
- ✿ SPS 302.04 Miscellaneous plan reviews, inspections and services. (1) MISCELLANEOUS PLAN REVIEWS. Unless specified otherwise in this chapter, the fee for department costs incurred in performing miscellaneous plan reviews shall be \$80.00 per hour per plan, with a minimum fee of \$80.00 per plan.



Chapter SPS 302

Fees Schedule



Table 302.04 Miscellaneous Inspections/Investigations Fees

Individual Special Inspections		Fee Per Hour Per Inspector
(a)	Inspections performed between the hours of 7:45 a.m. and 4:30 p.m. on weekdays Monday through Friday	<u>\$ 80.00</u>
(b)	Inspections performed on Saturdays, Sundays, holidays and at times other than scheduled in (a)	<u>\$120.00</u>
(c)	For supervising the American Society of Mechanical Engineers (ASME) joint review and audit and for conducting shop audits, Monday through Friday	<u>\$120.00</u>

Chapter SPS 302

Fees Schedule



Subchapter II – Safety Services

SPS 302.11 Boilers and pressure vessels. (1)

BOILER FEES. Inspection fees for boilers shall be determined in accordance with Table 302.11-1.

(2) PRESSURE VESSEL FEES. Inspection fees for pressure vessels shall be determined in accordance with Table 302.11-2.

(3) REINSPECTION FEES. A fee of **\$80.00** per inspection shall be assessed for inspections made by the department to gain compliance with ch. SPS 341, after orders have been issued by the department.

Chapter SPS 302 Fee Schedule

Table 302.11-1 Boiler Inspection Fees

Type of Boiler	Heating Surface Area (Square Feet)	Type of Inspection	
		Internal	External
Miniature	20 or less	\$35.00	\$35.00
Power	21 – 250	\$80.00	\$80.00
	251 - 1,000	\$180.00	\$120.00
	1,001 - 10,000	\$240.00	\$170.00
	Over 10,000	\$630.00	\$290.00
Heating			
-- With manhole		\$140.00	\$60.00
-- Without manhole		\$130.00	\$60.00

-- **Multiple boilers at one building \$60.00 per boiler or \$320.00 per 4 hour inspection period, whichever is less**



Chapter SPS 302 Fee Schedule



Table 302.11-2 Pressure Vessel Inspection Fees

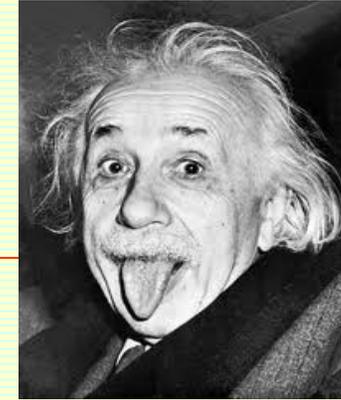
Volume (Cubic Feet)	Pressure (psig)	Type of Inspection Internal or External
All sizes	Less than 15	No Fee
11 or less	15 or more	No Fee
12 – 200	15 or more	\$50.00
201 – 500	15 or more	\$120.00
Over 500	15 or more	\$140.00

Multiple pressure vessels in one building-----\$50.00 per vessel or \$320.00 per 4 hour inspection period, whichever is less



Chapter SPS 302

Fee Schedule



SPS 302.11 (8) NATIONAL BOARD EXAM.
The fee for the application for and the administration of the national board of boiler and pressure vessel inspectors competency examination shall be **\$250.00.**



Chapter SPS 305

Licenses, Certifications and Registrations

- SPS 305.60 (3) (a) 1. Note: See ch. SPS 302 for the fee for the competency examination.
- (5) (c) 1. The renewal of a certification as a certified boiler-pressure vessel inspector or certified in-service field inspector which has an expiration after December 31, 2008, shall be contingent upon the boiler-pressure vessel inspector or in-service field inspector obtaining at least 24 hours of acceptable continuing education within the time period specified in s. SPS 305.08 and Table 305.06, except as provided in subd. 2.

Chapter SPS 305

Licenses, Certifications and Registrations

SPS 305.06 Table 305.06

Table 305.06
TERMS
(partial table)

	License, Certification or Registration Category	Term	Expiration Date	Continuing Education Cycle
28.	Boiler-Pressure Vessel Inspector	4 years	December 31	<u>September 30</u>
29.	In-Service Field Inspector	4 years	December 31	<u>September 30</u>

Chapter SPS 305

Licenses, Certifications and Registrations

- **2. A person who holds a certification as a certified boiler-pressure vessel inspector or certified in-service field inspector may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. The department shall consider each application for waiver individually on its merits**

Chapter SPS 305

Licenses, Certifications and Registrations

- **3. A person who initially obtained his or her boiler-pressure vessel inspector certification or in-service field inspector certification by providing evidence of having passed the competency examination by the national board and whose request to renew his or her certification is denied because of the failure to fulfill the continuing education requirements of subd. 1., shall be required to take and pass the competency examination in order to reacquire the boiler-pressure vessel inspector certification or the in-service field inspector certification.**



- The End
- Questions ??

