

GENERAL INFORMATION

Visit the Department of Safety and Professional Services Website:

<http://dsps.wi.gov>

After entering the website above, go to the Division Programs page. In 3 easy steps obtain specific program details by:

1. Click Red hat "Industry Services"
2. Scroll down to "All Division Programs"
3. Click "Boiler, Pressure Vessels" then "Publications"

You can now easily obtain for view or print:

- Statutes/Code copy Chapter SPS 341
- Staff Contact Info, Inspector map
- Boiler Forms, "SBD-6314 or SBD-5204"
- Email Group, for automatic program updates
- Find status of Credential - Boiler Inspector



CODE SECTION HIGHLIGHTS

SPS 340 – Gas Systems Code

PLAN REVIEW REQUIRED FOR:

- *Liquid Petroleum Gas
Containers over 2000 gallons
Aggregate exceeding 4000 gallons
- *Liquid Natural Gas
Any size
- *Compressed Natural Gas
Any size, unless outdoors and with no storage capacity
- *Adopted Standards

NFPA 52 CNG NFPA 58 LPG
NFPA 59A LNG ASME B31.3 Piping

SUBMIT PLANS & APPLICATION FORM

- *SBD-6038 – Install application and plans
Scaled plans see SPS 340.30
Indicate roads and property lines
Foundation – pier, bulkhead, supports
Piping schematic w/materials
Vessel information – provide
Manufacturers Data Report (MDR)
Surface area of tank
Relief valve - set press & capacity
- *Site Inspection necessary after plan approval
Contact District Inspector

SPS 341 – Boiler & Pressure Vessels

INSTALLATION REGISTRATION REQUIRED

- *SBD-6314 / Boiler & Pressure Vessel Form
By installing contractor ... no fee

PERMIT TO OPERATE "PTO" REQUIRED

- *Power Boilers Annual
Internally inspected
 - *Heating Boilers Every 3 yrs
Steam or hot water boilers
Internally or externally inspected
 - *Pressure Vessels
Air tanks (≥ 12 cu ft) Every 3 yrs
Other tanks (> 5 cu ft) Every 3 yrs
Externally inspected
- Note: See SPS 341.18, Exemptions from inspection

- *SBD-5204 / Power piping form
Steam pipe systems over 15 PSIG

Note: SBD-5204 form shall be completed and made available to the certified inspector at the time of inspection. Fee by hour/2 hour minimum. Inspection is required for power piping over 2" NPS / exceeding 50 feet in length.

WELDED REPAIR / ALTERATIONS

Repair and alterations to boilers and pressure vessels must be completed in accordance with the National Board Inspection Code (NBIC) by a

valid National Board "R" stamp holder. All repairs and alterations including "routine repairs" shall be registered on the appropriate form with the National Board per SPS 341.62.

DEFINITIONS

- *Certified Inspector – Person who holds a valid credential issued by the department under ch SPS 305 as a certified boiler-pressure vessel inspector
- *External Inspection – An inspection made while the boiler or pressure vessel is in operation
- *Internal Inspection – An inspection made when the boiler or pressure vessel is shut down and hand hole and manholes or other openings are opened or removed for inspection of the interior as required by the inspector
- *Power Piping – Steam piping in excess of 15 psig or hot water piping in excess of 250 degrees F beyond the scope of boiler external piping
- *Power piping standard - Is ANSI/ASME B 31.1 per SPS 341 for the design and installation of power piping. Purchase @ 1-800-THE-ASME.

NATIONAL BOARD COMMISSION EXAM

*Commission exams can be scheduled the first Wednesday and half day Thursday of March, June, September and December, Fee per SPS 302.11(8). Contact the Waukesha office.

SPS 343 – Anhydrous Ammonia

PLAN REVIEW REQUIRED

- *Anhydrous Ammonia Storage
No size limitations
- *Adopted Standards
ANSI / K 61.1 – NH3 & ASME B31.3

SUBMIT PLANS & APPLICATION FORM

- *SBD-6038 – Installation application
Scaled plans see SPS 343.10

Indicate roads and property lines
Foundation – pier, bulkhead, supports

Piping schematic w/materials
 Vessel information – provide MDR
 Surface area of tank
 Pressure relief set/capacity

*Site inspection necessary after plan approval
 Contact District Inspector

PERMIT TO OPERATE REQUIRED

*Anhydrous ammonia storage every 3 yrs.
 External inspection performed
 *Nurse tank inspection every 3 yrs.
 External inspection performed

SPS 345 – Mechanical Refrigeration

INSTALLATION REGISTRATION REQUIRED

*SBD-34 / Mechanical refrigeration form
 *SBD-5204 / Welded refrigeration piping form
 Both by installing contractor ... no fee

Note: No fee for registration submittal but fees are levied for mandatory inspections per Chapt. SPS 302.

PERMIT TO OPERATE “PTO” REQUIRED

*Toxic-flammable refrigerant systems
 10 ton & above ... inspect annually
 *Regular refrigerant systems
 50 Ton & above ... inspect every 3 yrs
 *Equipment externally inspected

Note: Single family and duplex installations are exempt from PTO requirements but contact your local authority for permit or inspection requirements in your area.

HVAC CONTRACTOR REGISTRATION

*HVAC Contractor is a “Business registration”
 Initial Application \$15.00
 Registration/Renewal \$160.00 / 4 years
 *SPS Chapter 305 for specific credential details
 *Contact **Credential office @ 1-608-261-8500**

SBD-7833 (R. 10-2016)

Note: The EPA Section 608 certification is required for service technicians under the Federal EPA rules for ozone-depleting refrigerant recovery, recycling and reclaiming. Questions on Federal rules.

Contact EPA HOT LINE 1-800-296-1996

STRUCTURAL STEEL WELDING

*Structural welders shall be qualified in accordance with AWS D1.1, D1.2, D1.3 or D1.6
 *Structural steel weld test conductors are required to pass a written WI DSPS exam before conducting structural weld tests.
 Initial Application Fee \$15
 Exam \$20.00, certification \$80.00
 Renewal every 4 years

Note: A list of WI certified weld test conductors is provided on the welder’s application form.

*For WI structural welder qualification:
 1. Obtain a structural welder application
 2. Consult with a WI weld test conductor
 3. Perform weldment of test coupon
 4. Upon satisfactory test results
 5. Initial application fee \$15
 6. Return application with \$35.00 Fee
 7. Welder re-test/renewal every 4 years
 *Applications, examination or renewals
 Contact Credentials .. 608-261-8500

PLAN SUBMITTAL / ASSISTANCE

To: DSPS – Industry Services
 141 NW Barstow St, 4th Floor
 Waukesha WI 53188

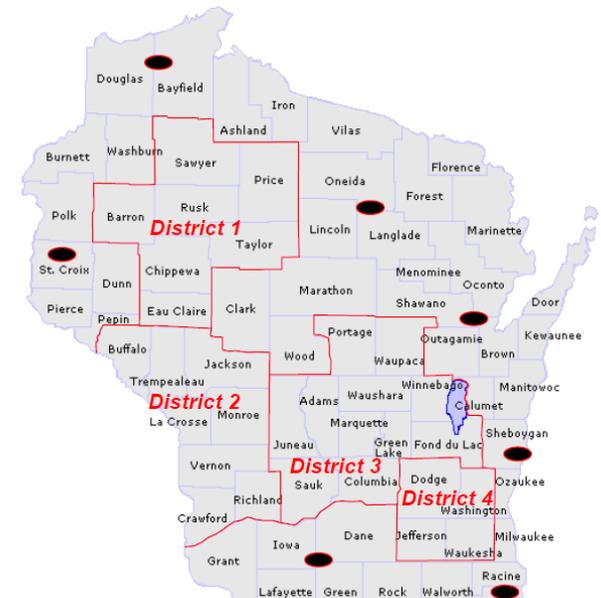
Email: DSPSSBoilerTech@wisconsin.gov

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BOILER PRESSURE VESSEL PROGRAM

Division of Industry Services
 1400 E Washington Ave
 Madison WI 53703



		Phone	Fax
1 - Damarc			
2 - Damarc			
3 - Michael J. Schmidt	MichaelJ2.Schmidt@Wisconsin.gov	920-360-2193	608-283-7433
4 - Terence Waldbillig	Terence.Waldbillig@Wisconsin.gov	414-303-8575	608-283-7429
Supervisor Kim Schmitt	Kim.Schmitt@Wisconsin.gov	262-524-3950	
Submit general questions to:	DspSbBoilertech@wisconsin.gov		

● Contact Damarc Quality Inspection Services LLC (866-361-4321) for inspections outside of districts.