

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 three years.

External inspection performed

*Nurse tank inspection every three years.

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 SPS 302.

PERMIT TO OPERATE “PTO” REQUIRED

*Toxic-flammable refrigerant systems
10 ton & above ... inspect annually
*Regular refrigerant systems
50 Ton & above ... inspect every three years
*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 / four years
*SPS 305 for specific credential details
*Contact Credential office @ 1-608-266-2112

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 Wisconsin DSPS exam before conducting structural weld tests.
Initial Application Fee \$15
Exam \$20.00, certification \$80.00
Renewal every four years
Note: A list of WI certified weld test conductors is provided on the welder’s application form.

*For Wisconsin structural welder qualification:

1. Obtain a structural welder application
2. Consult with a Wisconsin 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 four years

*Applications, examination or renewals
Contact Division of Professional Credential Processing at (608) 266-2112

Boiler Pressure Vessel



State of Wisconsin

Department of Safety and Professional Services

For more information:
DSPSSBoilerTech@wi.gov
608-266-2112

General Information

Visit the Department of Safety and Professional Services Website:

1. <http://dsps.wi.gov>
2. Click on Programs
3. Select Boilers, Pressure Vessels from the A-Z Program List.

You can now easily obtain for view or print:

- Statutes/Code copy 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 and 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 contractorNo fee

PERMIT TO OPERATE "PTO" REQUIRED

- *Power Boilers Annual Internally inspected
- *Heating BoilersEvery three years
 - Steam or hot water boilers Internally or externally inspected
- *Pressure Vessels
 - Air tanks (> 12 cu ft)Every three years
 - Other tanks (> 5 cu ft)Every three years
 - Externally inspected

Note: See SPS 341.1(8), 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 half 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 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