

GENERAL INFORMATION

Visit the Department of Safety and Professional Services Website:

<http://dsps.wi.gov/>

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

1. Click Red hat “Industry Services”
2. Scroll Down to “All Division Programs”
3. Click “Gas Systems” then “Publications”

You can now conveniently obtain for view:

- Gas Codes / Statutes
- Code Copy, “Chapter SPS 340”
- Gas Systems Forms
- Plan Application Form “SBD-6038”
- Join email group for code updates
- For Gas Systems Contacts @ step #2 above, click “Field Services Inspection” Trades



CODE SECTION HIGHLIGHTS

SPS 340 – Gas Systems Code

PLAN REVIEW REQUIRED FOR

*Liquid Petroleum Gas – **LPG**

Containers over 2000 gallon capacity
Aggregate over 4000 gallon capacity

*Compressed Natural Gas – **CNG**

No size limitations

Note exception: No CNG plan review required if outdoors and no storage capacity

*Liquid Natural Gas – **LNG**

No size limitations

*Hydrogen – Liquefied **H₂**

Storage system capacity over 39.7 gal

*Hydrogen - Gaseous **H₂**

Storage system capacity over 400 cu ft

Note: Hydrogen systems for other than fuel gas require compliance with SPS 341 / NFPA 55.

*Adopted Standards

NFPA 30A - Liquefied Petroleum Gas
NFPA 52 – H₂ and CNG
NFPA 54 - Fuel Gas Code
NFPA 58 – LPG
NFPA 59A – LNG
ANSI/ASME B31.3, Process Piping

SUBMIT PLANS & APPLICATION FORM

*SBD-6038 – Install application and plans

Scaled plans per SPS 340.30
Indicate roads and property lines
Foundation – pier, bulkhead, supports
Piping schematic w/materials
Vessel information – provide MDR
Surface area of vessel
Pressure relief set / capacity

*Site Inspection necessary after plan approval
Contact District Inspector

LPG - NO PERMIT TO OPERATE REQUIRED

LPG LICENSE REQUIRED - SPS 305.73

*Liquefied Gas Supplier
*Liquefied Gas Supplier-Restricted

SPS 343 – Anhydrous Ammonia

PLAN REVIEW REQUIRED

*Anhydrous Ammonia Storage
No size limitations

*Adopted Standards
ANSI / K 61.1 – NH₃
ANSI / ASME B31.3 – Piping

SUBMIT PLANS & APPLICATION FORM

*SBD-6038 – Installation application

Scaled plans per 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

NH₃ - PERMIT TO OPERATE REQUIRED

*Anhydrous ammonia storage every 3 yrs.
External inspection performed
*Nurse tank inspection every 3 yrs.
External inspection performed-no PTO

NOTE: Precautions should be taken to prevent theft of anhydrous ammonia for illicit purposes at both storage facility dealerships and remote farm field locations.

WELDING, REPAIR & ALTERATION INFO

GAS SYSTEM VESSELS

*Vessel nameplate shall be stamped ASME

*Obtain Manufacturer's Data Report "MDR"

Contact NB @ 1-614-888-8320 for copy
Prior to call, get data from nameplate:

- Manufacturer name
- Year built
- National Board / serial #

"Welded repair & alteration per SPS 341



Adopts Nat'l Board Inspection Code
R-1, R-2 forms completed by Repair Co
Register forms with National Board

*GAS SYSTEM Piping fabrication & welding



Inspection prior to begin fabrication
Materials, valves & fittings meet B31.3
ASME welder documentation at site

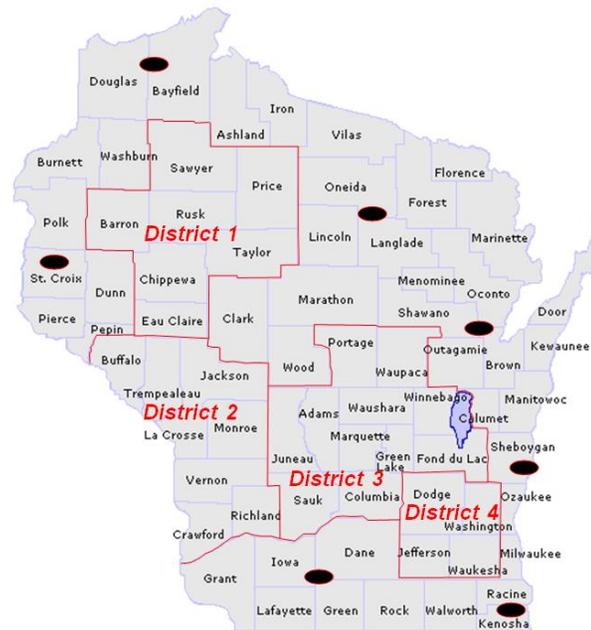
- WPS– weld procedure specification
- PQR– procedure qualification record
- WPQ– welder performance qualification
- Welder's Continuity log

PLAN SUBMITTAL / ASSISTANCE

DSPS – Division of Industry Services
141 NW Barstow St, 4th Floor
Waukesha, WI 53188

Email: DSPSSBBoilerTech@wisconsin.gov

Inspection Districts



		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:	DpsSbBoilertech@wisconsin.gov		

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

For assistance in your area, call the assigned Staff.



GAS SYSTEMS AND Anhydrous Ammonia (CNG - H₂ - LNG - LPG - NH₃)

Division of Industry Services
1400 E. Washington Avenue
Madison WI 53703



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