

GENERAL INFORMATION

Visit the Department of Safety and Professional Services Website:

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



(Scroll down left column, click Division of Industry Services)

Conveniently obtain the following for view or print:

- Staff Contact Information
- Forms, Plan review application "SBD-6038"
- Code Copies, "Chapter SPS 340"
- District Inspector Map
- Credential Applications
- Individual Credential or License Check
- Search Regulated Object data



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 with 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 may require compliance with SPS 341 or NFPA 55.

*Adopted Standards

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

SUBMIT APPLICATION FORM & PLANS

*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 APPLICATION FORM & PLANS

*SBD-6038 – Installation application form

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 start of fabrication
Materials, valves & fittings to 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

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

Contact: Mike Verhagen
Telephone 262-548-8617
Fax 262-548-8614

Email mike.verhagen@wisconsin.gov

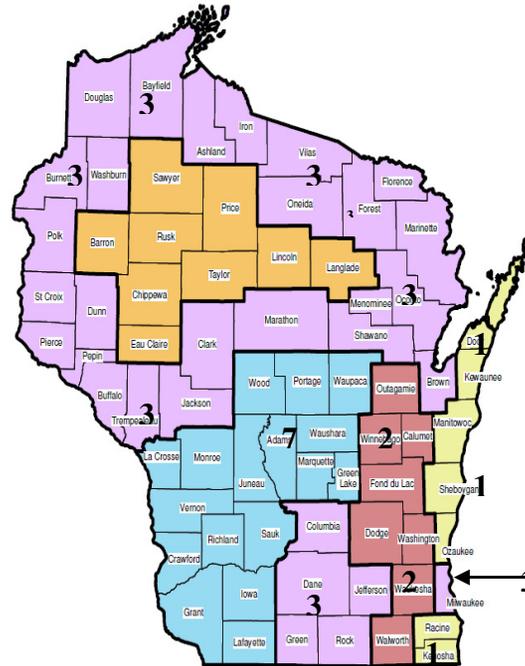


GAS SYSTEMS AND Anhydrous Ammonia (CNG-H2-LNG-LPG-NH3)

Department of Safety and Professional
Services, Bureau of Field Services

1400 E. Washington Ave,
Madison WI 53708

District Inspector Map



<u>District 1</u>	<u>District 2</u>	<u>District 3</u> - includes
Dave Homan	Terence Waldbillig	Milwaukee County
262-424-1471	414-303-8575	Damarc-S
		866-361-4321

<u>District 6</u>	<u>Waukesha Office</u>	<u>District 7</u>
Duane Leetch	Rick Merkle	Dean Yourchuck, Jr
715-559-8817	Section Chief	608-235-0607

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