

GENERAL INFORMATION

Visit the Department of Safety and Professional Services Website:

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



(Scroll down left column, click Safety & Buildings)

Conveniently obtain the following for view or print:

- Staff Contact Information
- Forms, Plan review application "SBD-6038"
- Code Copies, "Chapter SPS 40"
- 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 – Safety & Buildings Division
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

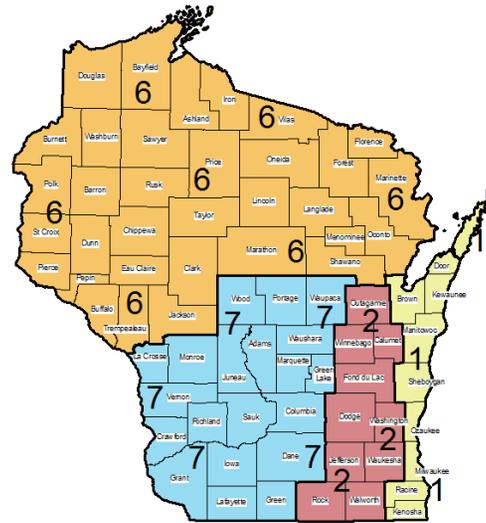


GAS SYSTEMS AND Anhydrous Ammonia (CNG-H2-LNG-LPG-NH3)

Safety and Buildings Division
201 W Washington Avenue 3rd Floor
Madison WI 53703



District Inspector Map



Inspection Districts

District 1

David Homan
262-424-1471

District 2

Terence Waldbillig
414-303-8575

District 6

Duane Leetch
715-559-8817

District 7

Dean Yourchuck
608-235-0607

Waukesha Office

Section Chief
Rick Merkle
262-521-5065



The Department Safety and Professional Services does not discriminate on the basis of disability in the provision of services or in employment. If you need this printed material interpreted or in a different form, or if you need assistance in using this service, please contact us. Deaf, hearing or speech impaired callers may reach us through the Division's TDD: 800-947-3529 In WI: 711