

GENERAL INFORMATION

Try the Commerce Website:
<http://commerce.wi.gov>

(Scroll down Topics column, Click Safety & Buildings)

Conveniently obtain for view or print:



- Staff Contact Information
- Specific Programs, "Gas Systems"
- Code Copies, "Chapter Comm 40"
- Inspector District Maps
- Plan review Form "SBD-6038"
- Credential Applications
- Individual Credential Status
- Regulated Object data



CODE SECTION HIGHLIGHTS

Comm 40 – Gas Systems Code

PLAN REVIEW REQUIRED FOR

*Liquid Petroleum Gas – **LPG**

Containers 2000 gallons and larger
Aggregate 4000 gallons and larger

*Compressed Natural Gas – **CNG**

No size limitations

*Liquid Natural Gas – **LNG**

Containers 2000 gallons and larger

*Hydrogen – Liquefied **H₂**

Containers 2000 gallons and larger
Aggregate 4000 gallons and larger

*Hydrogen - Gaseous **H₂**

No size limitations

*Adopted Standards

NFPA 50A – H₂ Gaseous
NFPA 50B – H₂ Liquefied
NFPA 58 – LPG
NFPA 52 – CNG
NFPA 59A – LNG
ANSI/ASME B31.3, Process Piping

SUBMIT PLANS & APPLICATION FORM

*SBD-6038 – Install application and plans

Scaled plans per Comm 40.10
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

Comm 43 – 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 Comm 43.10
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 Comm 41



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

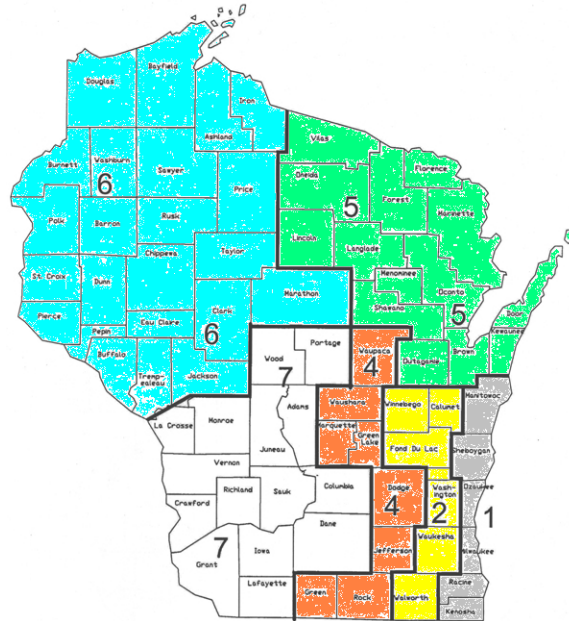
To: Commerce – Safety & Buildings Division
141 NW Barstow St, 4th Floor
Waukesha, WI 53188



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

Email mike.verhagen@wisconsin.gov

Inspection Districts



District 1
David Homan
262-424-1471

District 2
Terence Waldbillig
414-303-8575

District 4
Jon Wolf
920-723-0032

District 5
James Markiewicz
920-428-9423

District 6
Duane Leetch
715-559-8817

District 7
Dean Yourchuck
608-235-0607

Waukesha Office
Michael Verhagen
Plan Review
262-548-8617
Fax-548-8614

Rick Merkle
Supervisor
262-521-5065
Fax-608-283-7415



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

Safety & Buildings Division
201 W Washington Avenue 4th Floor
Madison WI 53703



The Department of Commerce 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