

# TRY THE COMMERCE WEBSITE



<http://www.commerce.wi.gov>

Scroll down and click on Safety & Buildings Division in the Commerce Top 10 box to obtain, view or print the following:

- Code Copies, “Chapter Comm 45
- Registration Forms, “SBD-34 or SBD-5204”
- Specific Programs, “Mechanical Refrigeration”
- Staff Contact Information
- Inspector District Maps
- Status of your HVAC Contractor Registration
- Status of WI Refrigerant Handling Credential
- Refrigeration database records  
Under “Ability to Search S & B records”



## CODE CHAPTER REFERENCE

Comm Chapter 5, Credentials:

- WI HVAC Contractor Registration
- WI Refrigerant Handling Technician
- Contact 608-261-8500 for new credential applications or renewals
- Federal EPA 608 Certification / Tech Exam
- Contact hotline 1-800-296-1996

Comm Chapter 45, Mechanical Refrigeration:

- Registration of Installation
- Referenced National Standards
- Initial and/or Periodic Inspection

- Owner responsibility to obtain and maintain a Permit to Operate “PTO”
- Installation & Operation Requirements
- System Signage, Labels or Markings

## DEFINITIONS

**Certified Inspector** – person who holds a valid credential issued by the department under ch Comm 5 as a certified boiler-pressure vessel inspector.

**Inspection** – a unit or system inspection to assure construction / installation meets applicable codes.

**HVAC Contractor** - business registration required for servicing an ozone-depleting refrigerant system.

**Ozone-depleting refrigerant** - refrigerants classified as Class I and II Controlled substances per 40 CFR Part 82, Subpart A of Federal Regulations.

**PTO** – permit to operate is required to be obtained and maintained current by the mechanical refrigeration system owner or user and posted in machinery room.

**ANSI/ASME B 31.5, Refrigeration Piping** code standard that is adopted in Comm 45 for the design, fabrication and installation of refrigerant piping. Contact ASME @ 1-800-843-2763 for purchase.

**Refrigerant handling technician** – “RHT” is a WI certified person who services any air conditioning or refrigeration equipment that contains ozone-depleting refrigerants.

**EPA 608 certification** – Federal certification for servicing “commercial” AC/refrigeration systems

**EPA 609 certification** – Federal certification for servicing automotive “mobile” air conditioning

**RRR equipment** – a machine that recovers, recycles and/or reclaims refrigerants

## Comm 45 – Mechanical Refrigeration

### INSTALLATION REGISTRATION REQUIRED



\*SBD-34 / Mechanical Refrigeration form

The form is titled 'MECHANICAL REFRIGERATION INSTALLATION REGISTRATION' and includes fields for owner information, system details, and contractor information. It also has checkboxes for system type and test type.

Note: Registration is mandatory for toxic and flammable refrigerant systems 10 ton and above or regular refrigerants 50 ton and above. Form submittal is the responsibility of the installer / contractor.

\*SBD-5204 / Welded Refrigeration Piping form

The form is titled 'POWER PIPING / WELDED REFRIGERATION PIPING INSTALLATION REGISTRATION' and includes fields for system description, installer information, and certification details. It also has checkboxes for system type and test type.

Note: Forms are available on the Commerce website. No submittal fee for registration but an inspection fee may be invoiced per Comm 2.13.

### SUBMIT REGISTRATION FORMS TO:

Department of Commerce  
Safety and Buildings Division  
PO Box 7302  
Madison WI 53707

**INSPECTION REQUIRED**

- \* Commercial Installations (refrigerant type)
  - 10 Ton or above (A2, A3, B2, B3 -Toxic or Flammable)
  - 50 Ton or above (A1, B1- Regular Refrigerants)
- \* External Inspection Performed on Equipment above.
- \* Welded Steel Ammonia Refrigerant Piping
  - At material delivery & prior to start of job

**PERIODIC INSPECTION & “ PTO” REQUIRED**

- \*Toxic-flammable refrigerant systems
  - 10 ton and above ... inspected annually
- \*Regular refrigerant systems
  - 50 Ton & above ... inspected every 3 yrs

Note: Single family and duplex installations are exempt from PTO requirements but contact your local authority for permit or inspection requirements in your area.

**WELDED REPAIR / ALTERATIONS**

Repair and alterations to ASME stamped receivers or heat exchanger must be completed in accordance with the National Board Inspection Code (NBIC) by a valid National Board “R” stampholder. All repairs and alterations shall be registered on the appropriate form with the National Board per Comm 41.62.

**Comm 5 – Credentials Required**

**HVAC CONTRACTOR REGISTRATION & REFRIGERANT HANDLING REQUIRED**

**HVAC CONTRACTOR REGISTRATION**

\*Any company installing or servicing HVAC for human comfort or a refrigeration system that is charged with ozone-depleting refrigerants shall obtain this registration.

\*HVAC Contractor is a “Business registration”
 

- Initial Application ..... \$15.00
- Registration/Renewal .. \$160.00 / 4 years

\*Reference Comm 5.70 for credential details.

**REFRIGERANT HANDLING TECHNICIAN**

\*Refrigerant handling technician RHT card  
 Certification ... \$20.00 / 4 years  
 Proof of EPA Technician Certification

\*Reference Comm 5.72 for credential details.



Note: A copy of EPA Section 608 certification may be required with application for state issuance of refrigerant handling technician “RHT” card. Federal EPA rules apply for ozone-depleting refrigerant recovery, recycling and reclaiming. Questions on Federal regulations, **Contact EPA HOT LINE @ 1-800-296-1996**

**WISCONSIN CREDENTIAL QUESTIONS**



Credential office @ **1- 608-261-8500**

**TECHNICAL QUESTIONS**

Contact your area District Inspector at least 5 days in advance to arrange for inspection.

Mike Verhagen, Refrigeration Safety  
 Commerce – Safety & Buildings Division  
 141 NW Barstow St, 4<sup>th</sup> Floor  
 Waukesha WI 53188

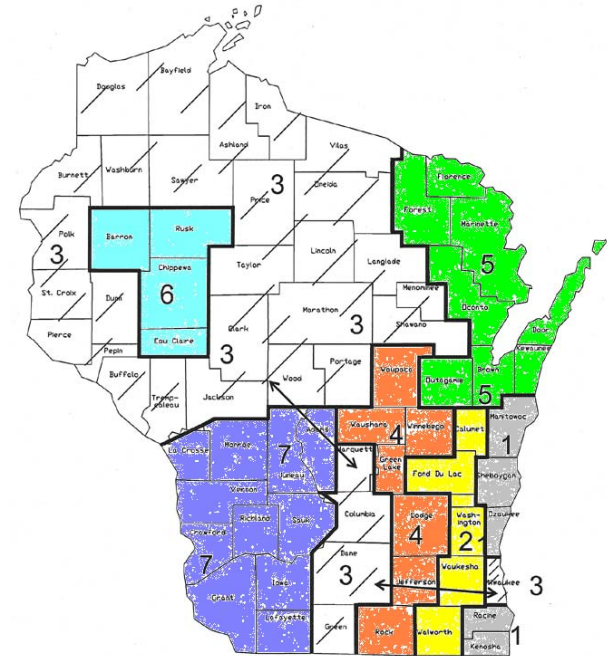
Telephone 262-548-8617  
 Fax 262-548-8614

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**MECHANICAL REFRIGERATION**

Safety & Buildings Division  
 201 W Washington Avenue 4<sup>th</sup> Floor  
 Madison WI 53703



**Inspection Districts**

<b>District 1</b> David Homan 262-424-1471	<b>District 2</b> Terence Waldbillig 414-303-8575	<b>District 3-Includes</b> <u>Milwaukee County</u> Damarc-S 866-361-4321
<b>District 4</b> Jon Wolf 920-723-0032	<b>District 5</b> James Markiewicz 920-428-9423	<b>District 6</b> Duane Leetch 715-559-8817
<b>Waukesha Office</b> Michael Verhagen Plan Review 262-548-8617 Fax-548-8614	<b>District 7</b> Dean Yourchuck 608-235-0607	<b>Madison Office</b> Rick Merkle Supervisor 608-266-3037 Fax-267-9723