

## Chapter ILHR 13

### COMPRESSED NATURAL GAS

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#### Subchapter I - Purpose and Application

**ILHR 13.001 Purpose.** The purpose of this chapter is to provide safe design, construction, location, installation, operation, use, repair and maintenance of compressed natural gas equipment and systems.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

**ILHR 13.002 Application.** (1) **GENERAL.** The rules of this chapter shall apply to the design, construction, location, installation, operation, use, repair and maintenance of equipment for the storage, handling and use of compressed natural gas in public buildings and places of employment.

Note: In addition to the requirements of this chapter, all frequenters and employers in public buildings and places of employment and employes in public sector places of employment are protected by the provisions of chapter Ind 1000-2000 - Safety and Health Code; employes in private sector places of employment are protected by the regulations of 29 CFR 1910, OSHA 2206, Revised March 11, 1983, of the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA).

(2) **EXCEPTION.** (a) The rules of this chapter do not apply to compressed natural gas facilities owned and operated by utilities when the facilities are part of the distribution system for the utility and are subject to the provisions of ch. PSC 135, Wis. Adm. Code.

Note: Compressed natural gas facilities owned and operated for utility purposes by utilities are regulated by the public service commission and are subject to ch. PSC 135, and the Natural Gas Pipeline Safety Act of 1968 (49USC1675, 49CFR192 - et. seq.).

(b) The rules of this chapter do not apply to the transportation of compressed natural gas.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

#### Subchapter II - Definitions

**ILHR 13.01 Definitions.** In this chapter:

(1) "Approved" means acceptable to the department.

Note: The department will ordinarily accept items approved by a nationally recognized testing laboratory.

(2) "Container" means a pressure vessel or cylinder used to store compressed natural gas.

(3) "Department" means the department of industry, labor and human relations.

(4) "Place of employment" means every place, whether indoors or out or underground, and the premises appurtenant thereto, where either temporarily or permanently any industry, trade or business is carried on, or where any process or operation, directly or indirectly related to any industry, trade or business is carried on, and where any person is, directly or indirectly, employed by another for direct or indirect gain or profit, but does not include any place where persons are employed in private domestic service which does not involve the use of mechanical power or farming.

(5) "Public building" means any structure, including exterior parts of the building, such as a porch, exterior platform or steps providing means of ingress or egress, used in whole or in part as a place of resort, assemblage, lodging, trade, traffic, occupancy, or use by the public or by 3 or more tenants.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

### Subchapter III - Administration and Enforcement

**ILHR 13.10 Approval of proposed design, construction, location, installation, operation, use, repair and maintenance of compressed natural gas facilities.** (1) **DEPARTMENTAL APPROVAL OF PLANS.** At least 3 sets of plans, which are clear, legible and permanent copies, and one copy of specifications and complete information shall be submitted to the department for examination and approval before commencing construction on any compressed natural gas facility installation.

(2) **PLANS, SPECIFICATIONS AND INFORMATION.** Plans, specifications and information submitted to the department for review and approval shall contain the following:

(a) The name of the owner; the name of the person, firm or corporation proposing the construction or installation, if other than the owner; the address of the facility including the names of adjacent streets and highways;

(b) A plot plan indicating the location of the facility or installation with respect to property lines, lot lines, adjoining streets or alleys and other buildings on the same lot or property. The layout of buildings, containers, loading and unloading docks, type of construction of each building and any stream or body of water within 150 feet of the containers shall also be indicated;

(c) The location, size and capacity of each container;

(d) The type of container supports, clearances, type of safety relief valves used and combined capacity of all safety relief valves on each container, vaporizer and similar component; and

(e) Pertinent information with regard to the design, construction and operation of the specific facility to demonstrate compliance with the rules of this chapter.

(3) **ADDITIONAL APPROVAL.** Approval of plans is based upon compliance with the requirements of this chapter. Storage, handling and use of compressed natural gas may be subject to compliance with additional requirements in applicable codes, local zoning and similar ordinances.

(4) **APPLICATION FOR APPROVAL.** Each application for approval shall be submitted to the department in writing, together with the plans and information specified in sub. (2) and the fees specified in s. ILHR 13.14.

(a) If, upon examination, the department determines that the plans and the application for approval substantially conform to the provisions of this chapter, a conditional approval in writing, shall be granted. All conditions requiring compliance stated in the conditional approval shall be corrected before or during construction or erection. A conditional approval issued by the department may not be construed as an assumption of any responsibility for the design or construction of a compressed natural gas facility.

(b) If the department determines that the plans or application do not substantially conform to the provisions of this chapter, the application for conditional approval shall be denied, in writing.

(5) **APPLICATION PROCESSING TIME.** The department shall process all applications and shall approve, conditionally approve or deny the application in writing within 15 working days of receipt of the application.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

**ILHR 13.11 Revocation of approval.** The department may revoke any approval issued under the provisions of this chapter for any false statements or misrepresentation of facts upon which the approval was based.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

**ILHR 13.12 Departmental limitation and expiration of plan approval.** Plan approval by the department or its authorized deputy shall expire one year after the date indicated on the approved plans, if construction has not commenced within that year.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

**ILHR 13.13 Enforcement and inspections.** (1) **ENFORCEMENT.** The rules in this chapter shall be enforced by the department and its deputies, and by all local officials or bodies having jurisdiction to approve plans or specifications or issue permits for construction, alterations or installations within the scope of this chapter or having authority to investigate and eliminate related fire hazards.

(2) **INSPECTIONS.** Inspections shall be conducted during or after construction or installation by an authorized representative of the department or by local officials having jurisdiction to ascertain whether or not the construction or installations conform to the conditionally approved plans, the conditional approval letter, and the provisions of this chapter.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

**ILHR 13.14 Fees.** Fees shall be submitted to the department as specified in s. Ind 69.10. Fees shall be submitted at the time the application for approval is submitted. No plan examinations, approvals or inspections shall be made until the fees are received.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

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**ILHR 13.15 Appeals.** As specified in s. 227.12, Stats., any municipality, corporation or any 5 or more persons having an interest in the rule may appeal to the department requesting the adoption, amendment or repeal of the rule.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

**ILHR 13.16 Petition for variance.** (1) **PROCEDURE.** The department may consider and may grant a variance to an administrative rule upon receipt of a fee, a completed petition for variance form from the owner and a position statement from the fire department having responsibility, provided an equivalency is established in the petition for variance which meets the intent of the rule being petitioned. The department may impose specific conditions in a petition for variance to promote the protection of the health, safety or welfare of the employes or the public. Violation of those conditions under which the petition is granted shall constitute a violation of this chapter.

(2) **PETITION PROCESSING TIME.** Except for petitions for which the owner has required priority processing, the department shall review and make a determination on a petition for variance within 30 business days of receipt of all calculations, documents and fees required to complete the review. The department shall process priority petitions within 10 business days.

Note 1: See Appendix for an example of the Petition for Variance Form (form SB-8) and the Fire Department Position Statement Form (form SB-8A).

Note 2: Section 101.02 (6), Stats., and ch. ILHR 3 outline the procedure for submitting petitions to the department and the department's procedures for hearing petitions.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

**ILHR 13.17 Penalties.** Penalties for violations shall be assessed in accordance with s. 101.02 (13), Stats.

Note 1: Section 101.02 (13) (a), Stats., indicates penalties will be assessed against any employer, employe, owner or other person who fails or refuses to perform any duty lawfully enjoined, within the time prescribed by the department for which no penalty has been specifically provided, or who fails, neglects or refuses to comply with any lawful order made by the department or any judgement or decree made by anyone in connection with ss. 101.01 to 101.25, Stats. For each such violation, failure or refusal, such employe, owner or other person must forfeit and pay into the state treasury a sum not less than \$10.00 nor more than \$100.00.

Note 2: Section 101.02 (12), Stats., indicates that every day during which any person, persons, corporation, or any officer, agent or employe thereof, fails to observe and comply with an order of the department will constitute a separate and distinct violation of such order.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

### Subchapter IV - Standards

**ILHR 13.20 Adoption of standards by reference.** (1) **CONSENT TO INCORPORATE.** Pursuant to s. 227.21, Stats., the attorney general and the revisor of statutes have consented to the incorporation by reference of the National Fire Protection Association Standard for Compressed Natural Gas (CNG) Vehicular Fuel Systems, NFPA No. 52-1984.

(2) **INTERIM AMENDMENTS.** Interim amendments of the standard shall have no effect in the state until such time as this section is correspondingly revised to reflect those changes.

(3) **AVAILABILITY OF STANDARD.** Standards of the National Fire Protection Association may be obtained by writing to Publications Sales Department, December, 1988, No. 396

partment, National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

(4) **FILING OF STANDARD.** Copies of the standard in reference are on file in the offices of the department, the secretary of state and the revisor of statutes.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

**ILHR 13.21 Design, construction, location, installation, operation, use, repair and maintenance of compressed natural gas facilities.** All compressed natural gas facilities shall be designed, constructed, located, installed, operated, used, repaired and maintained as specified in the National Fire Protection Association Standard NFPA 52-1984 - Standard for Compressed Natural Gas (CNG) Vehicular Fuel Systems.

History: Cr. Register, December, 1988, No. 396, eff. 1-1-89.

## APPENDIX

The material contained in this Appendix is for clarification only. The notes, illustrations, forms, etc., are numbered to correspond to the number of the rule as it appears in the text of the chapter.

A13.16 - Petition for Variance. The following forms (SB-8 and SB-8A) are referred to in this section. Copies of these forms are available from the Division of Safety and Buildings, P.O. Box 7969, Madison, Wisconsin 53707.

# INDUSTRY, LABOR AND HUMAN RELATIONS

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## PETITION FOR VARIANCE APPLICATION

Wisconsin Department of Industry, Labor and Human Relations

Safety and Buildings Division 201 East Washington Avenue, P.O. Box 7969 Madison, Wisconsin 53707 608/286-3151			OFFICE USE ONLY Petition No.  E-Number
OFFICE USE ONLY Amount Paid  Receipt No.			
Name of Owner/Petitioner		Building or Project	Agent, Architect or Engineering Firm
Company		Tenant Name, if any	Street & Number
Street & Number		Location, Street & Number	City      State      Zip Code
City	State	Zip Code	City      County      Telephone Number
Telephone Number		Plan Number, if known	Name of Contact Person

1. The rule being petitioned reads as follows: (cite specific rule number and language)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
  
2. The rule being petitioned cannot be entirely satisfied because:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
  
3. The following alternative(s) and supporting information are proposed as a means of providing an equivalent degree of health, safety or welfare as addressed by the rule:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Please attach any pictures, plans, sketches or required position statements.

**VERIFICATION BY OWNER - PETITION IS VALID ONLY IF NOTARIZED AND ACCOMPANIED BY REVIEW FEE**

See Section Ind 69.15 for complete fee information

Note: Petitioner must be the owner of the building or project. Tenants, agents, designers, contractors, attorneys, etc. may not sign petition unless a Power of Attorney is submitted with the Petition for Variance Application.

\_\_\_\_\_, being duly sworn, I state as petitioner that I have read the foregoing petition, that I believe it to be true and I have significant ownership rights in the subject building or project.

\_\_\_\_\_  
 Signature of Petitioner      Subscribed and sworn to before me this date: \_\_\_\_\_

\_\_\_\_\_  
 Notary Public      My commission expires: \_\_\_\_\_

SB-8(R.09/88)

# WISCONSIN ADMINISTRATIVE CODE

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**POSITION STATEMENT:**  
To be compiled by  
Chief of Fire Department

**WISCONSIN DEPARTMENT OF  
INDUSTRY, LABOR AND HUMAN RELATIONS  
DIVISION OF SAFETY & BUILDINGS  
P.O. BOX 7969 MADISON WI 53707**

Name of Owner	Building Occupancy or Use	Agent, Architect or Engineering Firm	
Company	Tenant Name, if any	Street & No.	
Street & No.	Building Location, Street & No.	City	State & Zip
City	State & Zip	City	County
		Phone	
1. I have read the petition for variance of rule:			
2. I recommend (Check appropriate box)	Denial	Approval	Conditional Approval
			No Comment *
3. Explanation for Recommendation:			
* If desired, Fire Departments may indicate "No Comment" on non-fire safety issues such as sanitary, energy conservation, structural, barrier free environments, etc.			
4. <input type="checkbox"/> I find no conflict with local rules and regulations			
<input type="checkbox"/> I find that the petition is in conflict with local rules and regulations			
Explanation			
Signature of Fire Chief			Date

PLEASE COMPLETE AND SUBMIT PROMPTLY TO DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS AT THE ADDRESS SHOWN ABOVE.

SB-8A (R. 12/84)