INDUSTRY, LABOR AND HUMAN RELATIONS

Chapter Ind 8

Subchapter 1—Scope, Application, Definition and Adopted Standards			Ind	8.21	Collection sumps for underground tanks (p. 49)	
		Scope (p. 3)	Ind	8.215	Installation of tanks inside	
		Application (p. 3)			buildings (p. 52)	
		Definitions (p. 5)	Ind	8.22	Supports, foundations and	
		Adoption of National Fire Pro- tection Association Standards	744.57	. 0.22	anchorage for all tank locations (p. 53)	
		(p. 16)	Ind	8.225	Provisions for underground	
Ind	8.005	Consent to incorporate NFPA standards by reference (p. 17)			tanks temporarily out of service, abandoned or removed (p. 54)	
Ind	8.006	Secondary references (p. 17)	Ind	8.23	Reuse of underground tanks (p.	
		Amendments to national fire			55)	
		protection association (NFPA)	Ind	8.235	Removal or dismantling of	
Ind	8.008	standard no. 13-1980 (p. 17) Amendments to national fire pro-			aboveground storage tanks (p. 56)	
		tection association (NFPA)	Ind	8.24	Leaking tanks (p. 56)	
		standard no. 34-1979 (p. 18)	Ind	8.245	Sources of ignition (p. 56)	
Ind	8,009	Amendments to national fire protection association (NFPA)		8,25	tion (p. 56)	
Ind	8.10	standard no. 35-1976 (p. 18) Amendments to national fire			Prevention of overfilling of tanks (p. 56)	
		protection association (NFPA)	Ind	8.26	Tanks in locations that may be	
Maga		standard no. 385-1979 (p. 19)			flooded (p. 57)	
Ind	8.105 Amendments to national fire			Subchapter 5-Pipes, Valves and		
		protection association (NFPA)		tings		
		standard no. 45-1975, (p. 19)			Pressures and stresses (p. 59)	
Sub	chapt	er 2—Administration and			Materials (p. 60)	
	orcen				Pipe joints (p. 60)	
	8.11	Approval of proposed construc-			Piping system supports (p. 60)	
		tion, installation or operation (p. 20)			Protection against corrosion (p. 60)	
Ind	8.115	Revocation of approval (p. 22)	Ind	8,295	Valves (p. 60)	
Ind	8.12	Departmental limitation and ex-	Ind	8.30	Testing (p. 61)	
		piration of plan approval (p. 22)	Ind	8,305	Pumps and piping (p. 61)	
Ind	8.125	Enforcement and inspection (p.	Sul	chan	ter 6—Container and Portable	
		22)	Tank Storage			
		Fees (p. 23)	Ind	8.31	Scope (p. 61)	
		Petition for modification (p. 23)	Ind	8.315	Design, construction and capac-	
Ind	8.14	Penalties (p. 23)			ity of containers (p. 62)	
Sub	chap	ter 3—General Requirements	Ind	8.32	Design, construction and capac-	
	8.15	General provisions for sale, purchase, dispensing or use of			ity of storage cabinets (p. 63) Design, construction and opera-	
		flammable liquids (p. 24)			tion of separate inside storage	
Ind	8.155	Disposal of flammable and com-	TJ	0.00	areas (p. 64) Indoor storage (p. 67)	
T]	0 10	bustible liquids (p. 25)			Protection requirements for pro-	
	8.16	25)			tected storage of liquids (p. 72)	
		Motor vehicle exhibition (p. 25)			Fire control (p. 73)	
		Fueling of motor vehicles (p. 26)			Outdoor storage (p. 74)	
		Contractor tanks and farm fuel tanks (p. 26)	Ind	lustrie	ter 7—Commercial and al Plants	
		ter 4—Tank Storage			Scope (p. 75)	
Ind	8.18	Design and construction of tanks (p. 31)	Ind	8.355	Incidental storage or use of liquids (p. 76)	

Ind 8.195 Labeled tanks (p. 46)

tanks (p. 46)

Ind 8.205 Installation

Ind 8.19

Ind 8.20

Ind 8.185 Testing new installations (p. 32)

Tanks not in use (p. 46)

Installation of outside aboveground tanks (p. 33)

of

underground

Ind 8.36 Unit physical operations (p. 77) Ind 8.365 Tank vehicle and tank car load-

Ind 8.37 Fire control (p. 78)

Ind 8.375 Sources of ignition (p. 78) Ind 8.38 Electrical equipment (p. 79)

Ind 8.385 Repairs to equipment (p. 81)

ing and unloading (p. 78)

Ind 8

	11	u o					
Ind	8.39	Housekeeping (p. 81)	Ind	8.605	Fire control (p. 110)		
Sul	chap	ter 8—Bulk Plants and	Subchapter 12—Oil Burning				
	mina				Use of approved equipment (p.		
Ind	8.40	Storage (p. 81)			110)		
Ind	8.405	Buildings (p. 82) Loading and unloading facilities			Design and construction of tanks (p. 110)		
		(p. 82)	Ind	8.62	Installation of underground		
Ind	8.415	Top loading (p. 84)			tanks (p. 111)		
Ind	8.425	Tank car unloading (p. 85) Filling and emptying containers	ına	8.625	Installation of oil supply tanks inside buildings (p. 112)		
		(p. 85) Vehicle refueling at bulk plants	Ind	8.63	Installation of enclosed supply tanks inside buildings (p. 116)		
		(p. 85) Bulk plant product color coding	Ind	8,635	Installation of outside above-		
		(p. 86)			ground tanks not larger than 660 gallons (p. 116)		
Ind	8.44	Wharves (p. 86)	Ind	8.64	Installation of outside above-		
Ind	8.445	Electrical equipment (p. 88)			ground tanks larger than 660 gal-		
Ind	8.455	Sources of ignition (p. 90) Drainage and waste disposal (p.			lons (p. 118)		
		90)			Fill and return piping (p. 119)		
Ind		Fire control (p. 90)	Ind	8.65	Supply piping (p. 119)		
		Procedures (p. 91)	Ind	8.655	Oil pumps and valves (p. 120)		
Ind	8,47	Care and attendance of property (p. 91)	Ind	8.66	Piping materials and design (p. 121)		
63			Ind	8.665	Vent piping (p. 121)		
AII	orio Orio	er 9—Service Stations VICE STATIONS			Pressurized tank feed (p. 122)		
		Storage and handling (p. 91)			Oil gauging (p. 122)		
		Existing storage tanks (p. 92)	Ind	8.68	Inside heating oil tanks taken		
		Attendance or supervision of dis-	T	0.005	out of service (p. 123)		
		pensing (p. 94)			Centralized oil distribution system (p. 123)		
Ind	8.495	Dispensing systems (p. 94)			Oil distribution systems for roof-		
Ind	8.50	Dispensing into portable containers (p. 97)		14444	mountediling-suspended oil-fired units (p. 124)		
Ind	8.505	Electrical equipment (p. 97)			Testing of piping (p. 125)		
		Heating equipment (p. 99)					
		Drainage and waste disposal (p. 99)	Con	struct	er 13—Farms and ion Projects		
		Sources of ignition (p. 100)			Scope (p. 126)		
Ind	8,525	Fire control (p. 100)	ind	8.705	Types of approved storage (p. 126)		
SEL	F-SE	RVICE STATIONS	Ind	8.71	Individual containers of 60 gal-		
Ind	8.53	Self-service stations (p. 100)			lons or less capacity each (p.		
		SERVICE STATIONS			128)		
Ind	8.535	Dispensing area and equipment (p. 101)	Ind	8.715	Tanks of 61 to 1100 gallons capacity each (p. 128)		
		Fueling operations (p. 102)			Aboveground tanks on farms ex-		
Ind	8.545	Fire extinguishers (p. 103)	13.5		ceeding 1100 gallons individual		
Sub	chapt	er 10—Processing Plants	T1	0.705	capacity (p. 128)		
		Scope (p. 103) Location (p. 103)	ına	8,725	Marking of tanks and containers (p. 129)		
		Processing buildings (p. 103)	Sub	chapt	er 14—Dipping and Coating		
		Liquid handling (p. 105)		cesses			
Ind	8.57	Tank vehicle and tank car load-			er 15—Organic Coatings		
	o rar	ing and unloading (p. 106)		7.0	이 경찰 그리는 의원은 작업을 다 살아 그는 그는 그는 그를 다 먹다.		
		Fire control (p. 106)			er 16—Tank Vehicles for le and Combustible Liquids		
		Sources of ignition (p. 106) Housekeeping (p. 109)					
Subchapter 11—Refineries, Chemical				Subchapter 17—Laboratories Using Chemicals			
Plan	its an	d Distilleries	Ann	endiv	(p. 130)		
		Storage (p. 109)	~ ~ & · & ·	Januar			
		Wharves (p. 109)			Marie Park Barrell - Company		
Ind	8.60	Location of processing units (p. 109)			วิธีการที่สุดสารเลาสิตเกราะ อากุลเลาสิต (การกำหาก (การกำหา สาราสาร		

Note: Chapter Ind 8 as it existed on March 31, 1982 was repealed and a new chapter Ind 8 was created effective April 1, 1982.

the conditionally approved plans, the conditional approval letter, and the provisions of this chapter.

Note 1: See Appendix for example of Inspection Checklist for Underground Tank Installation form SBD-6294. The original copy is to be given to the owner and a copy is to be retained by the fire department as part of their permanent file.

Note 2: Form SBD-6294 will be provided to fire departments at no cost upon request.

- (3) Inspection before covering installations. (a) The installer shall notify the chief of the local fire department, in writing, before covering an installation for which approval is required.
- (b) The chief of the fire department or authorized representative shall inspect the installation and give written notice of approval or disapproval.

History: Cr. Register, March, 1982, No. 315, eff. 4-1-82.

Ind 8.13 Fees. Fees shall be submitted to the department pursuant to ch. Ind 69, Wis. Adm. Code. Fees shall be submitted at the time the application for approval is submitted. No plan examinations, approvals or inspections will be made until the fees are received.

History: Cr. Register, March, 1982, No. 315, eff. 4-1-82.

Ind 8.135 * Petition for modification. The department will consider and may grant modification to an administrative rule upon receipt of a fee, a completed petition for modification form from the owner, and a position statement from the fire department having responsibility and an interest in the rule provided an equivalency is established in the petition for modification which meets the intent of the rule being petitioned. The department may impose specific conditions in the petition for modification to promote the protection of the health, safety and welfare of the employes or the public. Violation of those conditions under which the petition for modification is granted constitutes a violation of these rules.

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

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

History: Cr. Register, March, 1982, No. 315, eff. 4-1-82.

Ind 8.14 Penalties. Penalties for violations shall be assessed in accordance with s. 101.02, Stats.

Note 1: Section 101.02 (13) (a), Stats., indicates penalties will be assessed against any employer, employer, 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 for each violation.

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, March, 1982, No. 315, eff. 4-1-82.

^{*}See Appendix for further explanatory material.

Ind 8

SUBCHAPTER 3 GENERAL PROVISIONS

- Ind 8.15 General provisions for sale, purchase, dispensing or use of flammable liquids. (1) LABELING. No sale or purchase of any Class I, II or III liquids shall be made in containers, unless such containers are clearly marked with the name of the product.
- (2) CONTAINERS. (a) A Class I flammable liquid when used in starting an engine or as fuel for a small heating appliance, lighting appliance, power tool or gasoline engine shall be dispensed only from an approved, properly identified safety can or screwed cover spout can approved for that specific use.
- (b) No dispensing of any liquids having a flash point of less than 100° F. shall be made into portable containers or portable tanks unless such container or tank is substantially a bright red color, is listed or classified by Underwriter's Laboratory (U.L.), or is constructed of metal having a tight closure with screwed or spring cover, and is fitted with a spout or so designed that the contents can be poured without spilling.
- (c) No kerosene, fuel oil or similar liquids having a flash point of 100° F. or more shall be filled into any portable container or protable tank colored red.

Note: See s. 168.11, Stats., for additional requirements.

- (3) DISPENSING WHILE ENGINE IS RUNNING. A Class I flammable liquid shall not be dispensed into the fuel supply tank of any type internal combustion engine while the engine is running, except as permitted in ss. Ind 8.16 and 8.48 (1).
- (4) Repair and maintenance, sources of ignition. Repair and maintenance work involving a possible source of ignition shall not be performed in a room or area containing or likely to contain an ignitable mixture of hydrocarbon vapors and air.
- (5) Degreasing and cleaning. A Class I flammable liquid shall not be used for degreasing or cleaning any engine, machine, equipment or part thereof, or for cleaning a floor, pit, or any part of a building or premises.
- (a) Exception. Industrial processes requiring use of Class I flammable liquids for degreasing or cleaning any engine, machine or part thereof shall be designed to incorporate a ventilation system to reduce vapor concentration below fire and explosive limits.
- (6) SATURATED CLOTHING. Clothing saturated with a Class I or II liquid shall not be worn longer than the time required for removal and shall not be worn or taken into a building where a source of ignition exists.
- (7) DISPENSING FROM TANK VEHICLE TO SUPPLY TANK. Class I flammable liquids shall not be dispensed from a tank vehicle into the fuel supply tank of any type of internal combustion engine, except as permitted in s. Ind 8.48 (1) (b).
- (8) [5-2.4.2] Drawing or transferring of class I or II liquids. Class I and Class II liquids shall be drawn from or transferred into vessels, containers or portable tanks within a building only from original shipping containers with a capacity of 5 gallons or less, from safety cans, through a closed piping system, or from a portable tank or container by