

## INDUSTRY, LABOR AND HUMAN RELATIONS

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maintenance work. Major automotive repairs, painting, body and fender work are excluded.

(49) **TANK FULL TRAILER.** Any vehicle with or without auxiliary motive power, equipped with a cargo tank mounted thereon or built as an integral part thereof, and used for the transportation of flammable and combustible liquids or asphalt so constructed that practically all of its weight and load rests on its own wheels.

(50) **TANK SEMITRAILER.** Any vehicle with or without auxiliary motive power, equipped with a cargo tank mounted thereon or built as an integral part thereof, and used for the transportation of flammable and combustible liquids or asphalt so constructed that when drawn by a tractor by means of a fifth wheel connection, some part of its load and weight rests upon the towing vehicle.

(51) **TANK TRUCK.** Any single self-propelled motor vehicle equipped with a cargo tank mounted thereon and used for the transportation of flammable and combustible liquids or asphalt.

(52) **TANK VEHICLE.** Any tank truck, tank full trailer, or tractor and tank semitrailer combination.

(53) **VAPOR PRESSURE** shall mean the pressure, measured in pounds per square inch (absolute) exerted by a volatile liquid as determined by the Standard Method of Test for Vapor Pressure of Petroleum Product (Reid Method) ASTM D-323.

(54) **VENTILATION** as specified in this code is for the prevention of fire and explosion.

**Note:** The above standards may be obtained for personal use from American Society of Testing and Materials, 1916 Race Street, Philadelphia, Pa. 19103. The standards are available for inspection in the office of the department, the secretary of state and the revisor of statutes.

**History:** Cr. Register, August, 1971, No. 188, eff. 9-1-71; renum. (47) through (53) to be (48) through (54) and cr. (47), Register, September, 1972, No. 201, eff. 10-1-72.

**Ind 8.03 Adopted standard specifications.** (1) The following list of standard specifications of American Society for Testing and Materials have been adopted as part of this code.

(a) Fire Tests of Building Construction and Materials. Part 14 ASTM designation E119-69.

(b) Specifications for Aluminum-Alloy Sheet and Plate. Part 6 ASTM designation B209-70.

(c) Specifications for Ferretic Ductile Iron Castings for Valves, Flanges, Pipe Fittings, and other Piping Components. Part 2 ASTM designation A445-66.

(d) Distillation of Petroleum Products. Part 11, 17 and 20 ASTM designation D86-67.

(e) Flash Point by Tag Closed Tester. Part 17 and 20 ASTM designation D56-70.

(f) Flash Point by Pensky-Martens Closed Tester. Part 11, 16, 17 and 20 ASTM designation D93-66.

(g) Penetration of Bituminous Materials. Part 11 ASTM designation D5-65.

(h) Vapor Pressure of Petroleum Products (Reid Method). Part 17 and 29 ASTM designation D323-58 (reapproved 1968).

**Note:** The above standards may be obtained for personal use from American Society of Testing and Materials, 1916 Race Street, Philadelphia, Pa. 19103. The standards are available for inspection in the office of the department, the secretary of state and the revisor of statutes.

**History:** Cr. Register, August, 1971, No. 188, eff. 9-1-71.

Register, September, 1972, No. 201  
Flammable and Combustible Liquids

**Ind 8.04 Enforcement.** The regulations in this code will be enforced by the department and its authorized agents under the procedure prescribed in chapter 101, Wis. Stats., and by all local officials or bodies having jurisdiction to approve plans or specifications or issue permits for construction, alterations or installations within the purview of this code or having authority to investigate and eliminate related fire hazards.

**History:** Cr. Register, August, 1971, No. 188, eff. 9-1-71.

## STORAGE, HANDLING AND USE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS

### GENERAL PROVISIONS

**Ind 8.10 Application.** (1) All persons, firms, corporations, copartnerships, voluntary associations and governmental agencies except federal, storing, handling or using flammable or combustible liquids are subject to the provisions of Wis. Adm. Code, chapter Ind 8

(2) Sections Ind 8.10 through 8.93 do not apply to transportation of flammable or combustible liquids in bulk, nor to transportation in conformity with regulations of or on file with the U. S. Department of Transportation (formerly I.C.C.). (See section Ind 8.950, vehicle cargo tanks for flammable and combustible liquids.)

(a) Except to the extent specifically provided for, sections Ind 8.10 through Ind 8.93 apply to oil burning equipment. (See section Ind 8.970 for oil burning equipment regulations.)

(3) Ind 8.10 through Ind 8.93 does not apply to:

(a) Liquids without flash points that may be flammable under some conditions, such as certain halogenated hydrocarbons and mixtures containing halogenated hydrocarbons.

(b) Mists, sprays or foams except flammable aerosols in containers are included in section Ind 8.40.

(4) Insofar as sections Ind 8.10 through Ind 8.957 cover operational practice or use of containers, they shall apply and be enforced as to all plants, stations, establishments and facilities, wherein or whereon flammable or combustible liquids are stored, handled or used, whether existing and in service prior to the effective date of this code or subsequently established or placed in service. Rules covering physical installations shall apply to all plants, stations, establishments and facilities erected or installed or first devoted to flammable or combustible liquid storage, handling, or use on or after the effective date of these rules and, to the extent specifically provided for or to the extent necessary to eliminate any distinct hazard to life or adjoining property, shall apply to establishments and facilities existing and devoted to storage, handling or use of flammable or combustible liquid prior to the effective date of these rules. For purposes of section Ind 8.10, nonconformity with the rules existing as of the effective date thereof.

(a) With respect to vents or pressure relief devices on tanks, control valves on tanks or in piping systems, ventilation or sources of ignition shall be deemed distinctly hazardous and shall be corrected or eliminated provided however that vents or pressure relief devices on tanks prior to effective date of this code and meeting the size requirements of the February 1962, Wisconsin flammable and combustible liquids code may be allowed to continue.