

**4714.1017 OIL AND FLAMMABLE LIQUID INTERCEPTORS.**

Subpart 1. **Section 1017.1.** UPC section 1017.1 is amended to read as follows:

**1017.1 Interceptors Required.** Repair garages and gasoline stations with grease racks or grease pits, parking garages over 1,000 square feet, vehicle wash facilities, and factories that have oily waste, flammable waste, or both as a result of manufacturing, storage, maintenance, repair, or testing processes shall be provided with an oil or flammable liquid interceptor that shall be connected to necessary floor drains. The separation or vapor compartment shall be independently vented to the outer air. Where two or more separation or vapor compartments are used, each shall be vented to the outer air or shall be permitted to connect to a header that is installed at a minimum of 6 inches (152 mm) above the spill line of the lowest floor drain and vented independently to the outer air. The minimum size of a flammable vapor vent shall be not less than 2 inches (51 mm) and, where vented through a sidewall, the vent shall be not less than 10 feet (3,048 mm) above the adjacent level at an approved location. The interceptor shall be vented on the sewer side and shall not connect to a flammable vapor vent. Oil and flammable interceptors shall be provided with gastight cleanout covers that shall be readily accessible. Drains discharging into interceptors must not be designed to retain liquid waste. The waste line shall be not less than 3 inches (80 mm) in diameter with a full-size cleanout to grade. Where an interceptor is provided with an overflow, it shall be provided with an overflow line, not less than 2 inches (50 mm) in diameter, to an approved waste oil tank having a minimum capacity of 550 gallons (2,082 L) and meeting the requirements of the Authority Having Jurisdiction. The waste oil from the separator shall flow by gravity or shall be pumped to a higher elevation by an automatic pump. Pumps shall be adequately sized and accessible. Waste oil tanks shall have a 2 inch (50 mm) minimum pumpout connection at grade and a 1-1/2 inch (38 mm) minimum vent to atmosphere at an approved location not less than 10 feet (3,048 mm) above grade.

Subp. 2. **Section 1017.2.** UPC section 1017.2 is amended to read as follows:

**1017.2 Design of Interceptors.** Each manufactured interceptor that is rated shall be stamped or labeled by the manufacturer with an indication of its full discharge rate in gpm (L/s). The full discharge rate of such an interceptor shall be determined at full flow. Each interceptor shall be rated equal to or greater than the incoming flow and shall be provided with an overflow line to an underground tank.

Interceptors not rated by the manufacturer shall have a depth of not less than 2 feet (610 mm) below the invert of the discharge drain. The outlet opening shall have not less than an 18 inch (457 mm) water seal and shall have a minimum capacity as follows: Where not more than three motor vehicles are serviced, stored, or both, interceptors shall have a minimum capacity of 6 cubic feet and 1 cubic foot of capacity shall be added for each vehicle up to 10 vehicles. Above 10 vehicles, each interceptor shall have a holding capacity of not less than 35 cubic feet. Where vehicles are serviced and not stored, interceptor capacity shall be based on a net capacity of 1 cubic foot (0.03 m<sup>3</sup>) for each 100 square feet (9.29 m<sup>2</sup>) of the surface to be drained into the interceptor, with a minimum of 6 cubic feet (0.2 m<sup>3</sup>).

**1017.2.1 Maintenance.** Service and maintenance records shall be kept by the owner and available for viewing by the Authority Having Jurisdiction upon request. The service and maintenance records shall demonstrate periodic removal of accumulated substances in the oil and flammable liquid interceptor based on the interceptor's capacity as required by the manufacturer's recommended maintenance instructions. Where the Authority Having Jurisdiction determines that an interceptor is not being properly cleaned or maintained, the Authority Having Jurisdiction shall have the authority to mandate a maintenance program.

**Statutory Authority:** *MS s 326B.43*

**History:** *45 SR 1007*

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