

that shall be connected to floor drains. The separation or vapor compartment shall be independently vented to the outer air. If 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 not less than 15cm (6 in.) above the spill line of the lowest floor drain and vented independently to the outer air. The size of a flammable vapor vent shall be not less than 50mm (2 in.), and, when vented through a sidewall, the vent shall be not less than 3m (10 ft.) 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 gas-tight cleanout covers that shall be readily accessible. The waste line shall be not less than 80mm (3 in.) in diameter with a full-size cleanout to grade. When an interceptor is provided with an overflow, it shall be provided with an overflow line (not less than 50mm (2 in.) in diameter) to an approved waste oil tank having a capacity of not less than 2,000L (550 gal.) 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 not less than a 50mm (2 in.) pump-out connection at grade and not less than a 40mm (1-1/2 in.) vent to atmosphere at an approved location not less than 3m (10 ft.) above grade.

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 litres per second. The full discharge rate to such an interceptor shall be determined at full flow. Each interceptor shall be rated equal to or exceeding the incoming flow and shall be provided with an overflow line to an under-ground tank.

Interceptors not rated by the manufacturer shall have a depth of not less than 60cm (2 ft.) below the invert of the discharge drain. The outlet opening shall have not less than a 46cm (18 in.) water seal. Where not more than three motor vehicles are serviced and/or stored, interceptors shall have a capacity of not less than 0.2m³ (6 ft.³), and 0.03m³ (1 ft.³) of capacity shall be added for each vehicle up to ten vehicles. Above ten vehicles, the Authority Having Jurisdiction shall determine the size of the interceptor required. Where vehicles are serviced only and not stored, interceptor capacity shall be based on a net capacity of 0.03m³ (1 ft.³) for each 9.3m³ (100 ft.³) of surface to be drained into the interceptor, with not less than 0.2m³ (6 ft.³).