

2. Emergency controls shall be clearly identified, easily accessible and shall be located within 15 feet of attendant's control station.

(d) 1. Key, card or code operated dispensing devices shall be listed by Underwriters' Laboratories, shall be subject to specific written approval by the department and shall be permitted only in the following applications:

a. Dispensing of liquids at private locations, where the dispensing equipment is not open to the public provided the dispensing of liquids is limited to authorized personnel of these establishments for the purpose of fueling vehicles used in connection with such establishments. Such private locations may include but is not limited to commercial, industrial, governmental or manufacturing establishments.

b. Dispensing of liquids at self-service stations provided the dispensing of liquids is limited to authorized individuals for the purpose of fueling vehicles.

2. The use of key, card or code operated devices as specified in subd. 1. shall not require an attendant or supervisor.

3. The provisions of this paragraph shall apply to all key, card or code operated dispensing devices installed on or after the effective date of this paragraph and to those previously installed.

(3) EMERGENCY POWER CUTOFF. A clearly identified and easily accessible switch or a circuit breaker shall be provided at a location remote from dispensing devices, including remote pumping systems, to shut off the power to all dispensing devices in the event of an emergency.

(4) PROTECTION OF DISPENSING UNITS. Dispensing units shall be mounted on either a concrete island or shall be protected against damage by collision.

(a) *Exception.* Dispensing units attached to containers are exempt from this subsection.

(5) OUTSIDE LOCATION. Dispensing devices shall be located as follows:

- (a) *Outside of buildings.* 1. Above grade;
2. Ten feet or more from adjoining property lines;
3. Ten feet or more from any right of way; and
4. Five feet or more from any building opening.

(b) *Inside of buildings.* Where outside dispenser location is not practical, dispensers, conforming to the requirements of sub. (7), may be installed inside buildings.

(6) OUTSIDE LOCATION AT SERVICE STATIONS AND SELF-SERVICE STATIONS. Dispensing devices at service stations or self-service stations shall be installed on service station property and be so located that all parts of the vehicle being served will be on the premises of the station.

(7) INSIDE LOCATION. Approved dispensers may be located inside buildings with written approval of the department and provided the following conditions are satisfied:

Ind 8

(a) The dispensing area shall be separated from other areas in a manner approved by the department;

(b) Openings beneath the dispenser enclosure shall be sealed to prevent the flow of leaking fuel to lower building spaces;

(c) The dispensing unit and its piping shall be located in a position where it cannot be struck by an out-of-control vehicle descending a ramp or other slope;

(d) The dispensing area shall be provided with an approved mechanical ventilation system;

1. The ventilation system shall be electrically interlocked with the dispensing unit so that the dispensing unit cannot be operated unless the ventilating fan motors are energized.

2. The intake to the exhaust duct shall be located within 5 feet of the dispensing unit and within 18 inches of the floor.

(e) When dispensing units are located below grade the entire dispensing area shall be protected by an approved automatic sprinkler system; and

(f) The required emergency power cutoff switch or circuit breaker shall be located within 25 feet of the dispensing unit.

(8) DELIVERY NOZZLES. (a) [7-8.1.1] Hose nozzle valves for dispensing Class I liquids at any service station open to the public shall be of a listed automatic closing type with or without a latch-open device.

(b) The hoses attached to the nozzles shall be free of leaks and shall be maintained in an operable condition.

(c) [7-8.1.5] A hose nozzle valve used for dispensing Class I liquids into a container shall be manually held open during the dispensing operation.

(9) [7-3.2] REMOTE PUMPING SYSTEMS. (a) [7-3.2.1] This section shall apply to systems for dispensing Class I liquids where such liquids are transferred from storage to individual or multiple dispensing units by pumps located elsewhere than at the dispensing units.

(b) [7-3.2.2] Pumps shall be designed or equipped so that no part of the system will be subjected to pressures above its allowable working pressure. Each pump shall have installed on the discharge side an approved leak detection device which will provide an indication if the piping and dispensers are not essentially liquid-tight.

(c) [7-4.3.3] A control shall be provided that will permit the pump to operate only when a dispensing nozzle is removed from its bracket on the dispensing unit and the switch on this dispensing unit is manually actuated. This control shall also stop the pump when all nozzles have been returned to their brackets.

(d) [7-3.2.5] An approved impact valve, incorporating a fusible link, designed to close automatically in event of severe impact or fire exposure shall be properly installed in the dispensing supply line at the base of each individual dispensing device. There shall be a means, visible