



OKLAHOMA

Uniform Building Code Commission Staff Comment Form - FGMP 9

FGMP Technical Committee

Review of the 2021 Editions of the International Fuel Gas Code® (IFGC®), International Mechanical Code® (IMC®), International Plumbing Code® (IPC®)

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Code Change Information

Originating Committee: AFPTC 2015

Code Modified: 2018 IFGC

Original Comment Form Number: AFPTC 11

Rule Number: 748:20-12-9 (7), (8) & (9)

Which area of the code (Section, Table, Figure) was revised?

IFGC Ch 4, Sections 413.8, 413.8.1 & 413.8.2

Page Number: 4-52

Previous Change:

2308.7 Emergency shutdown control devices. ~~An~~ A remote and local emergency manual shutdown control device shall be provided located within 75 feet (22 860 mm) of, but not less than 25 feet (7620 mm) from, dispensers and shall also be provided in the compressor area. Upon activation, the emergency shutdown system shall automatically shut off the power supply to the compressor and close valves between the main gas supply and the compressor and between the storage containers and dispensers and automatically shut off the power supply to the compressor and the following associated devices: dispensing enclosures; remote pumps; power, control, and signal circuits; and electrical equipment in the hazardous (classified) locations surrounding the fuel dispensing enclosures. All labeled emergency shutdown devices shall be interconnected, whether required or not. Resetting from an emergency shutoff condition shall require manual intervention and the manner of resetting shall be approved by the Authority Having Jurisdiction. Exception: In time-fill applications, in lieu of a defined remote and local emergency manual shutdown device, an emergency manual shutdown device shall be provided within 50 feet (15 240mm) of each fixed point of dispensing hose attachment and located inside and outside the compressor area within 10 feet (3048 mm) of the main access to the compressor area.

413.8.1 Remote emergency shutdown device. A remote emergency manual shutdown device shall be located within 100 feet (30 480 mm) of, but not less than 20 feet (6096 mm) from all dispensing enclosures and shall be provided inside and outside the compressor area within 10 feet (3048 mm) of the main access to the compressor area. Exception: A remote emergency manual shutdown device may be located greater than 100 feet (30 480 mm) from one or more dispensing enclosures when within line of sight of the dispensing enclosures and approved by the Authority Having Jurisdiction.

413.8.2 Local emergency shutdown device. A local emergency manual shutdown device shall be located within 15 feet (4572 mm) of each dispensing enclosure.

Historical information

The AFPTC modified Section 413.8 and added sections 413.8.1 and 413.8.2 after extensive discussions to address emergency stop devices. The requirements for different fuels under the same canopy and possibly on the same island took some time to work through. After discussions that included the committee as well as the Corporation Commission, the language above was approved. Discussions included the different distances required by the ESTS and dispensing devices, assumptions by first responders and what would be stopped by the emergency shutdown devices, lighting requirements, and the differences between public dispensing devices and private slow-fill (time-fill) dispensing devices and the need to address both types of systems.