



OKLAHOMA

Uniform Building Code Commission Staff Comment Form - FGMP 6

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
14, 15, &16 R1

Rule Number: 748:20-12-9 (2), (3), & (4)

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

IFGC Ch 4, Sections 412.5, 412.6.1, and
412.9

Page Number: 4-50 thru 4-51

Previous Change:

412.5 Attendants. Motor fuel-dispensing operations shall be conducted by qualified attendants or in accordance with Section 412.9 by persons trained in the proper handling of LP-gas. **Exception:** When the dispensing equipment meets the guidelines of NFPA® 58 for "Low emission transfer" an attendant is not required.

412.6.1 Low emission transfer. When the dispensing equipment is installed in accordance with Section 6.30.5 of NFPA® 58 for "Low emission transfer," the transfer distance requirements in Table 6.7.2.1 and Section 6.27.4.3 of NFPA® 58 shall be reduced by one-half.

412.9 Public fueling of motor vehicles.

(A) Self-service LP-gas dispensing systems, including key, code and card lock dispensing systems, shall be limited to the filling of permanently mounted containers providing fuel to the LP-gas-powered vehicle.

(B) The requirements for self-service LP-gas dispensing systems shall be in accordance with the following:

(i) The arrangement and operation of the transfer of product into a vehicle shall be in accordance with this section and Chapter 61 of the International Fire Code®.

(ii) The system shall be provided with an emergency shut-off switch located within 100 feet (30 480 mm) of, but not less than 20 feet (6096 mm) from dispensers.

(iii) The owner of the LP-gas motor fuel-dispensing facility or the owner's designee shall provide for the safe operation of the system and the training of users. **Exception:** If the LP-gas motor fuel-dispensing facility meets the requirements of a low emission transfer station per NFPA® 58, then training of the users is not the responsibility of the facility.

(iv) The dispenser and hose-end valve shall release not more than 4 cubic centimeters of liquid to the atmosphere upon breaking the connection with the fill valve on the vehicle.

(v) Fire extinguishers shall be provided in accordance with Section 2305.5 of the International Fire Code®.

(vi) Warning signs shall be provided in accordance with Section 2305.6 of the International Fire Code®.

(vii) The area around the dispenser shall be maintained in accordance with Section 2305.7 of the International Fire Code®.

Historical information

These sections were originally modified by the AFPTC to address new technologies for low-emission transfer equipment that is now available. NFPA 58 has requirements that must be met to allow for the equipment and the changes addressed above. The 2018 BEBF committee determined the changes should be carried forward.