



**MINNESOTA DEPARTMENT OF PUBLIC SAFETY
State Fire Marshal Division**

INTERPRETATION

Interpretation# INTERP FC-01 (2013)	Subject of Interpretation: Public Fueling of Motor Vehicles Powered by LP-Gas		
Reviewed and Approved By: Jerry Rosendahl	Title: State Fire Marshal	Effective Date: September 9, 2013	Revision Date:

APPLIES TO:

All State Fire Marshal Division (SFMD) staff, local Authorities Having Jurisdiction (AHJ), LP-Gas Dispensing Operators, LP-Gas Dispensing Equipment Manufactures, and LP-Gas Dispensing Equipment Installers.

PURPOSE:

To clarify requirements for the public fueling of LP-gas powered vehicles in a self-service application under the provisions of the 2007 Minnesota State Fire Code (MSFC) Section 2207.6.

INTERPRETATION:

A question has come into our office regarding what constitutes the private fueling of LP-Gas powered vehicles at a self-service facility. The State Fire Marshal Division (SFMD) has reviewed the 2006 International Fire Code (IFC) and Commentary for section 2207.6. This section is part of the 2007 Minnesota State Fire Code and was not amended.

1.1 Background

This code section has remained unchanged since development of the I-Codes by the International Code Council in 2000. These same requirements first appeared in the 1994 Uniform Fire Code (UFC) and had been brought forward to the I-Codes. LP-Gas dispensing appears to be the most restrictive when it comes to dispensing products for motor vehicles. In Minnesota, chapters in the UFC and IFC regulating LP-Gas have been deleted for many years and replaced with National Fire Protection Association (NFPA) 58, Liquefied Petroleum Gas Code. NFPA 58 has sections for LP-Gas transfer from container to container, training requirements for dispensing, vehicle fuel dispensing systems, and installation of equipment on a vehicle's engine fuel system and training requirements.

QUESTION: Can the 2007 MSFC be amended to allow the public to dispense LP-Gas fuel into their vehicle in a self-service setting as allowed in the 2011 edition of NFPA 58? The answer is YES, based on the following reasons:

1. Because this is allowed by the adopted edition of NFPA 58 Section 6.24 and other sections of this code.

2. IFC Chapter 38 is deleted and replaced by NFPA 58 as the recognized document for LP-Gas with minor amendments as shown in Minnesota Rules 7511.3800.

1.2 Requirements

While the SFMD recognizes what the current 2007 MSFC states, believe that the MSFC has not kept up with changes in LP industry and the use of alternative fuels. The following conditions shall be met until such time that a new edition of the MSFC is adopted:

1. The applicable items in MSFC Sections 2201 through 2205 and 2207 shall apply to self-service dispensing of LP-Gas.
2. The 2011 edition of NFPA 58 shall be followed for the manufacturing, installation and operation of the LP-Gas Dispensing System.
3. SFMD information sheet shall be followed.
4. Plans shall be submitted for approval by the local AHJ, where applicable, before installation begins.
5. Permits for construction and operation of the LP-Gas dispensing system may be required by the local AHJ per MSFC Section 105.7.9 and 105.6.27.
6. The public using self-service LP-Gas dispensers shall be trained. Documented training of the public shall be provided by the LP-Gas dispensing company prior to issuance of key, code or access card.
7. Dispensing shall be controlled by key, code, or access card.
8. Warning signs shall be installed per SFMD information sheet.