

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE  
Fuel Specifications and Labeling of Natural Gas  
CCR Title 4, New Sections 4192.1 and 4192.2; and Sections 4206 and 4207  
April 26, 2024

**PROPOSED TEXT OF THE REGULATION**

**Chapter 6. Automotive Products Specifications**

Article 10. Specifications — Natural Gas

Section 4192.1. Definitions.

(a) The following are varieties of natural gas, as defined in Business and Professions Code Division 5, Section 13400 (b)(10):

(1) “Compressed Natural Gas” or “CNG,” is natural gas that has been compressed after processing for storage or transportation purposes.

(2) “Liquefied Natural Gas” or “LNG,” is natural gas that has been liquefied after processing for storage or transportation purposes.

**Credits**

NOTE: Authority cited: Sections 12027 and 13440, Business and Professions Code.  
Reference: Sections 13400, 13404 and 13441, Business and Professions Code.

Section 4192.2. Specifications — Natural Gas.

Natural gas sold as motor vehicle fuel shall meet at least one of the latest specifications set forth in ASTM International Standard Specifications D8080 or D8487, except that total sulfur in D8080 shall not exceed 16 parts per million by volume (ppmv).

**Credits**

NOTE: Authority cited: Sections 12027 and 13440, Business and Professions Code.  
Reference: Sections 13400, 13404, 13441 and 13446, Business and Professions Code.

## Chapter 7. Advertising and Labeling of Gasoline and Other Motor Vehicle Fuels

### Section 4206. Dispenser Labeling Requirements for Compressed Natural Gas and Liquefied Natural Gas.

#### (a) Definitions Used in This Section:

(1) “Consumer” means, with respect to any item, the first person who purchases such item for purposes other than resale.

(2) “Fuel dispenser” means the dispenser through which a retailer sells the fuel to a consumer.

(3) “Methane Number” means the antiknock index of compressed natural gas or liquefied natural gas motor vehicle fuel. The Methane Number of compressed natural gas or liquefied natural gas is a calculated value determined by the chemical composition of the fuel, including inert components.

(4) “MWM Method” means the algorithm for the calculation of the Methane Number of a natural gas fuel from its composition. The MWM Method algorithm is available in the European Committee for Standardization (CEN) standard EN 16726 “Gas infrastructure – Quality of gas – Group H” (EN16726), Annex A, pages 9 through 30, published December 2015, which is herein incorporated by reference. A spreadsheet calculator implementing the MWM Method algorithm and a pdf file of instructions for its use (“readme.pdf”) are available for download at no cost at: [http://euromot.org/media\\_and\\_events/publications/mn](http://euromot.org/media_and_events/publications/mn).

(5) “Minimum MWM Methane Number” means the lowest MWM Methane number of natural gas fuel offered for retail sale.

(6) “Producer” means any person who purchases component elements and combines them to produce and market natural gas motor vehicle fuels.

(7) “Retailer” means any person who markets natural gas motor vehicle fuels to the general public for ultimate consumption.

(b) The name of the product and grade designation, if any, shall be conspicuously displayed on each customer side of all natural gas fuel dispensers. For all natural gas fuels, the name of the product and grade designation, if any, shall also appear on all

~~advertising signs and storage tank labels as required in Sections 13480 and 13532 of the Business and Professions Code.~~

~~(c)(1) A person shall not sell at retail to the general public any compressed or liquefied natural gas for use as a motor vehicle fuel from any place of business in this state unless there is displayed and labeled on the fuel dispenser in a conspicuous place on the customer side the following statement: "MINIMUM METHANE NUMBER XX BY THE MWM METHOD (4 CCR 4206)," where XX is the MWM Methane Number of the dispensed natural gas fuel expressed in a number rounded down to a whole number. This statement shall be displayed in Helvetica Black or equivalent font type with characters not less than 1/2 inch in height.~~

~~(2) Natural gas motor vehicle fuel producers shall be responsible for determining the minimum MWM Methane Number to be displayed for the fuel they produce for retail sale to the general public. In making this determination, they may rely on information received from the utility supplying the pipeline gas used to produce their fuel, independent laboratory testing of the composition of the pipeline gas, or any other reliable information available to them. The minimum MWM Methane Number shall be accurate at all times.~~

~~(d)(1) A person shall not sell at retail to the general public any compressed natural gas for use as a motor vehicle fuel from any place of business in this state unless there is displayed and labeled on the fuel dispenser in a conspicuous place on each customer side the following statement: "1 Gasoline Gallon Equivalent (GGE) equals 5.66 lb of Compressed Natural Gas".~~

~~(2) The statement "1 Gasoline Gallon Equivalent (GGE) equals 5.66 lbs. of Compressed Natural Gas" shall be in characters of Helvetica Black or equivalent font type, no less than 3/4 inch in height and on a contrasting background. All lines or marks used in the making or forming of all the characters which are a part of the label shall be at least one eighth of an inch in width.~~

~~(e)(1) A person shall not sell at retail to the general public any liquefied natural gas for use as a motor vehicle fuel from any place of business in this state unless there is displayed and labeled on the fuel dispenser in a conspicuous place on each customer side the following statement: "1 Diesel Gallon Equivalent (DGE) equals 6.06 lb of Liquefied Natural Gas".~~

~~(2) The statement "1 Diesel Gallon Equivalent (DGE) equals 6.06 lbs. of Liquefied Natural Gas" shall be in characters of Helvetica Black or equivalent font type, no less~~

than 3/4 inch in height and on a contrasting background. All lines or marks used in the making or forming of all the characters that are a part of the label shall be at least one-eighth of an inch in width.

A person who sells natural gas at retail for use as motor vehicle fuel shall display the following labels in a conspicuous, legible, and indelibly marked manner on each customer-facing side of the dispenser:

(a) The natural gas fuel rating label meeting the retail sale requirements of the Federal Trade Commission in accordance with:

(1) 16 CFR Part 309 "Labeling Requirements for Alternative Fuels and Alternative Fueled Vehicles," for compressed natural gas.

(2) 16 CFR Part 306 "Automotive Fuel Ratings, Certification and Posting," for liquefied natural gas.

(b) The product name:

(1) "Compressed Natural Gas" or "CNG" for compressed natural gas.

(2) "Liquefied Natural Gas" or "LNG" for liquefied natural gas.

(c) The fuel grade designation (MNC) as determined by the most recent version of ASTM International D8080 or D8487.

(d) The equivalent conversion factor statement printed in Helvetica Black or Arial Bold font type with a cap height of no less than one-quarter inch:

(1) "1 Gasoline Gallon Equivalent (GGE) equals 5.66 lb of Compressed Natural Gas" for compressed natural gas.

(2) "1 Diesel Gallon Equivalent (DGE) equals 6.06 lb of Liquefied Natural Gas" for liquefied natural gas.

### **Credits**

NOTE: Authority cited: Sections 12027, 13442 and 13480, Business and Professions Code. Reference: Sections 12026, 13400, 13404, 13440, 13442, 13451, 13470, 13471,

~~13473, 13474, 13480, 13484, 13590 and 13591, 13531, 13532 and 13536~~, Business and Professions Code.

Section 4207. Additional Dispenser Labeling Requirements for Liquefied Natural Gas and Compressed Natural Gas. [Repealed]

~~The labeling of all natural gas dispensers shall meet the following retail sale requirements of the Federal Trade Commission for the natural gas fuel rating:~~

~~(a) 16 CFR Part 306 "Automotive Fuel Ratings, Certification and Posting," for liquefied natural gas.~~

~~(b) 16 CFR Part 309 "Labeling Requirements for Alternative Fuels and Alternative Fueled Vehicles," for compressed natural gas.~~

**Credits**

NOTE: Authority cited: Sections 12027 and 13480, Business and Professions Code.  
Reference: Sections 12026, 13400, 13480, 13590 and 13591, Business and Professions Code.