

WEST SACRAMENTO FIRE DEPARTMENT
2040 Lake Washington Blvd., West Sacramento, CA 95691
(916) 617-4600

BUREAU OF FIRE PREVENTION
APPLICATION FOR PERMIT

PERMIT REQUIREMENTS FOR
COMPRESSED NATURAL GAS (CNG) MOTOR FUEL-DISPENSING FACILITY
In accordance with Ordinance 07-21, Chapters (22 & 30) CFC and State Statutes

For: Public Service Station. Self-Service Station. Private Dispensing

SECTION I. INFORMATION REQUIRED

Applicant is required to furnish the following information before a permit may be processed. Appendix Chapter 1 (105.3.7) CFC

1. A site plan showing the number, capacity and location of the CNG or Hydrogen storage vessels shall be submitted to the West Sacramento Building and Fire Departments. (2201.3) CFC
2. Number and location of dispensing units. (2201.3) CFC

SECTION II. REQUIREMENTS AND LIMITATIONS

Issuance of permit subject to compliance with listed requirements and approval by field inspection and necessary tests. **THESE REQUIREMENTS TO BE ON PREMISES AT ALL TIMES.** Appendix Chapter 1 (105.3) CFC

GENERAL

1. Containers, compressors, pressure relief devices (including pressure relief valves), and pressure regulators and piping used for CNG shall be approved. (2208.2.1) CFC
2. Hoses, hose connections, dispensers, gas detection systems and electrical equipment used for CNG shall be listed. Vehicle-fueling connections shall be listed and labeled. (2208.2.2.1) CFC
3. Compression, storage and dispensing equipment for CNG shall be located aboveground outside. (2208.3) CFC
4. Compression, storage, and dispensing equipment shall be located as follows: away from power lines, 10 feet or more from nearest building or lot line that could be built on, public street, sidewalk or source of ignition, 25 feet from nearest railroad track (50 feet from the main line) and 50 feet from the vertical plane below the nearest overhead wire of a trolley or bus line. (2208.3.1) CFC
5. Pressure regulators shall be designed, installed or protected so their operation will not be affected by the elements, mud or debris. (2208.5) CFC
6. Gas piping to equipment shall be provided with a remote, readily accessible, manual shutoff valve. (2208.6) CFC
7. An emergency shutdown device shall be located within 75 feet of, but not less than 25 feet from, dispensers and also be provided in the compressor area. (2208.7) CFC
8. Motor vehicle fueling operations shall be conducted by qualified attendants. (2204.1) CFC
9. The discharge of CNG from motor vehicle fuel cylinders for the purposes of maintenance, cylinder certification, calibration of dispensers or other activities shall be in accordance with Sections 2208.8.1 through 2208.8.1.2. (2208.8) CFC
10. Dispensing devices shall be protected against physical damage from vehicles by mounting on a concrete island 6 inches or more in height or by other approved methods. (2203.1.1) CFC
11. Signs prohibiting smoking, prohibiting dispensing into unapproved containers, and requiring vehicle engines to be shut off during fueling shall be conspicuously posted within sight of each dispenser. (2205.6) CFC
12. Weeds, grass, brush, and other combustible materials shall be kept not less than 10 feet from fuel storage and handling equipment. (2205.7) CFC
13. A fire extinguisher with a minimum rating of 2A20BC shall be provided and located such that it is not more than 75 feet or less than 15 feet from any pump, dispenser or storage vessel. (2205.5) CFC

ITEMS 14 AND 15 SHALL APPLY TO PRIVATE FUELING OF MOTOR VEHICLES:

14. Self-service CNG-dispensing systems, including key, code and card lock dispensing systems, shall be limited to filling of permanently mounted fuel containers on CNG-powered vehicles. (2208.4) CFC
15. In addition to the requirements of Section 2205, the owner of the self-service CNG motor fuel-dispensing shall ensure the safe operation of the system and the training of users. (2208.4) CFC

ADDITIONAL COMMENTS AND/OR REQUIREMENTS:

Fire Prevention Bureau must be notified 24 hours ahead of time for any tests or inspections required by applicant.
Abide by all pertinent provisions of Local and State Statutes. Appendix Chapter 1 (105.3) CFC
This application or permit does not replace any license or permit required by any other agency. Appendix Chapter 1 (105.5) CFC