



City of Chicago
Department of Business Affairs and Consumer Protection
Public Vehicle Operations Division · 2350 W. Ogden, First Floor · Chicago, IL 60608
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Licensee Guidelines for CNG Vehicles as Public Passenger Vehicles

A. Change of Equipment Processing At Public Vehicle Operations at 2350 W. Ogden.

► ***Before a change of equipment vehicle inspection is scheduled, licensee must submit:***

- 1) The **US EPA** (United States Environmental Protection Agency) OR **CARB** (California Air Resources Board) Conversion Certificate of Conformity or Compliance Documentation for the vehicle (including make, model, year, and engine type). The name of the kit manufacturer must be listed on the certificate and on a label displayed in the engine compartment.
- 2) The **CSA** certified tank inspector Certificate of Inspection within the last 3 years or 36,000 miles. Label of CSA certified tank inspection date must also be posted in the vehicle.

B. Change of Equipment Inspection at Public Vehicle Inspection Facility at 2420 W. Pershing.

► ***Licensee may not present for inspection a CNG vehicle that fails to meet minimum Federal, State, and City standards which include; but, not limited to:***

- 3) There is NO "natural gas" odor in the vicinity of the vehicle.
- 4) *Natural Gas Storage Cylinders*:
 - a) Are protected with a means to prevent damage due to road hazards.
 - b) Are not in direct contact with a cover or shield.
 - c) Are installed not less than the minimum road clearance of the vehicle when loaded to its gross vehicle weight rating (GVWR). Minimum road clearance for any CNG component is at least 7 inches (if vehicle wheel base is <127 inches) or at least 9 inches (if vehicle wheel base is >127 inches).
 - d) Are marked "CNG" with expiration date shown.
 - e) Do not move when a force is applied in any and all directions.
 - f) Are mounted more than 8 inches from the exhaust system or are shielded from heat.
 - g) Have no signs of exposure to fire, involvement in an accident, or impact damage.
- 5) Valves are protected using vehicle structure, valve protectors, or metal shield.
- 6) All pressure relief devices are vented outside of the vehicle and not into the wheel well and should not allow foreign objects into the vent line.
- 7) A label visibly displayed in the engine compartment which includes:
 - a) Identification as a CNG-fueled vehicle
 - b) System service pressure
 - c) Installer's name or company
 - d) Fuel container life expiration date
 - e) Total container water volume in gallons or liters
 - f) Date by which fuel containers are to be inspected
- 8) A label visibly displayed at the fueling connection receptacle which includes:
 - a) Identification as a CNG-fueled vehicle
 - b) System working pressure
 - c) Fuel container life expiration date
 - d) Date by which fuel containers are to be inspected
- 9) A diamond shaped label marked "CNG" is affixed on vehicle rear lower right exterior vertical surface.