

Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Division

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CNG FUELING & STORAGE SYSTEMS INSPECTION CHECKLIST

INSTRUCTIONS: The Hazardous Materials Storage Inspector shall complete this checklist and attach it to an inspection report, one to be retained in the Region file and one for the Main Office file. All boxes shall be completed inserting N/A where non-applicable.	
FACILITY NAME	FACILITY ID NUMBER
CONTACT PERSON ON SITE	FACILITY TYPE

FACILITY SECTION

SECTION		CODE	VIO	PASS
1.9.4	Department approval before installed	NG01		
1.10	Fees current	NG02		
1.7	Training	NG03		
7.4.2.3.1	CNG not beneath power lines	NG05		
7.4.2.3.2	10' Prop Lines-buildings	NG06		
7.4.2.7	20' to any FL/CL tanks	NG07		
7.4.2.6	Combustibles >10 feet away	NG22		
4.4	Fueling systems validated after any changes or every 4 years	NG20		
5.3	Systems or components listed.	NG30		
5.2.1.1.	Gas has distinctive odor	NG40		
7.11.2	Backflow check valve at fill	NG52		
7.5.3	Protected to prevent FL/CL liquids under containers	NG42		
7.12.1	Electrical inspector approval	NG58		

SECTION		CODE	VIO	PASS
5.8.1	Piping,tubing gaskets compatible with fuel and maximum pressure	NG56		
5.8.5	Piping components marked, Manufacture and Rating	NG57		
7.9.1.3	Piping corrosion protection	NG50		
7.9.1.4	Threaded pipe and fittings, not underground	NG51		
7.6.2	Pressure relief valves on container – Vertical and cap.	NG10		
7.6.2.1	Rain cap for pressure relief	NG12		
7.9.1.1	Piping supported and protected against mechanical damage.	NG14		
5.10.4	Hose labeled - product, manufacturer, pressure	NG34		
7.11.4	Fire valve/shutoff in piping at building	NG16		
7.3.2	CNG system protected from Vehicle damage and vandalism	NG18		
7.3.8	Compression equipment-pressure relief per cylinder	NG38		
7.14.12.1	No Smoking-Flammable Gas sign by compressor and storage area	NG39		
1.1.1	Miscellaneous violation	NG75		

TANK SECTION

SECTION		CODE	VIO	PASS
5.4	Design and construction of containers	NG80		
5.4.2	Container Designed for CNG storage and labeled CNG	NG82		
7.4.1.2	Installed on proper foundation and anchored	NG84		
7.5.1	Noncombustible foundation	NG86		
7.5.2	Corrosion protection for Container	NG26		
7.5.2.1	Composite Containers not painted unless permitted by mfg.	NG88		
7.5.2.3	Composite containers shall be protected from UV radiation	NG89		

SECTION		CODE	VIO	PASS
5.5.2.	Pressure relief devices (vents) on tanks and/or cylinders	NG32		
5.5.2.2.2	Pressure relief valves seals intact	NG33		
7.10.2	Pressure relief valve tested At least every 3 years	NG36		
7.4.2.5	3' clear space for access valves and fittings of multiple containers	NG23		
7.3.12	Check valve between compression and storage	NG25		
7.11.1.3	Container manual shutoff	NG27		

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Facility Name _____

Facility Number _____

DISPENSER SECTION

SECTION		CODE	VIO	PASS
7.14.3	Disp equipped to stop flow when supply container reaches temperature corrected fill pressure	NG61		
7.14.11	Sources of ignition 10' of filling connection during transfer	NG63		
7.14.12	Stop motor, no smoking, flammable gas, etc warning signage at dispensing points.	NG64		
7.16.2	Dispensing Systems: Instructional Info provided.	NG66		
7.16.3.1	Written record of Maintenance for dispensing system.	NG28		
7.11.8.2	Fast fill station, shutoff valve to protect disp. hose	NG29		
7.15	Fire extinguisher @ disp area	NG77		

SECTION		CODE	VIO	PASS
7.4.2.8	Point Of Transfer; located 10', or 3' to storage container.	NG48		
7.11.6	Breakaway on hose	NG46		
7.16.4	Vehicle dispensing hoses examined visually monthly	NG43		
7.11.5	Emergency shutdown – 2 required, 1 within 10', 1 greater than 25'	NG44		
7.11.5.2	Emergency shutdown devices distinctly marked with sign. @ Dispensing stations	NG54		
7.3.9	Automatic shutdown on high/low pressure for unattended	NG67		
7.8	Pressure gauge: compression discharge; storage; & dispenser discharge pressures.	NG70		

STICKER APPLIED; Yes _____ No _____ If No Why _____

COMMENTS _____

INSPECTOR _____ DATE _____