

LP GAS CYLINDER EXCHANGE CHECK LIST

NFPA 58 (2008)

ck	Summary	Code Ref.	Code
	Misc. / Other		
	System and Piping free of leaks	NFPA 58 6.14.1	After assembly, piping systems (including hose) shall be tested and proven free of leaks at not less than the normal operating pressure.
	OPD devices	NFPA 58 5.7.3.2	Cylinders requalified after Sept. 30, 1998 shall have an OPD device.
	Cylinder outlets plugged	NFPA 58 7.2.2.5	Cylinders valve outlets shall be equipped with a plug, cap, quick closing coupling, or a listed quick connect coupling.
	Cylinder outlet sealed	NFPA 58 7.2.2.5	Valve outlets on cylinders of 108 lb (49 kg) water capacity [nominal 45 lb (20 kg) propane capacity] or less shall be equipped with a redundant pressure-tight seal or a listed quick-connect coupling. Where seals are used, they shall be in place whenever the cylinder is not connected for use.
	DOT cylinders properly tested. (see NFPA 58 Annex C) Stamp Date = 12yrs; Stamp Date With S = 7yrs; Stamp Date With E = 5 yrs.	NFPA 58 C.3.2.4	Cylinders being refilled shall be hydrostatically tested in accordance with NFPA 58 and DOT.
	Relief Valves in vapor space of container	NFPA 58 6.6.1.1	Level containers shall be so that the pressure relief valve is in direct communication with the vapor space of the container.
	Cylinder Exchange		
	Cylinder relief valve in vapor space of container	NFPA 58 8.2.1.2	Cylinders shall be positioned so that the pressure relief valve is in direct communication with the vapor space of the cylinder.
	Caps and plugs in place	NFPA 58 8.2.2.2	Cylinder valves shall be protected with caps, collars, or plugs, whether empty or full.
	Cylinders stored 5 ft min. from exit (2 exits)	NFPA 58 8.4.1.1(1)	Cylinder exchange racks shall be located a minimum of 5 ft. from any doorway or opening in a building with two independent means of egress.
	Cylinders stored 10 ft min. from exit (single exit)	NFPA 58 8.4.1.1(2)	Cylinder Exchange Racks shall be located a minimum of 10 ft. from any egress doorway or opening in a building having only one means of egress.
	Cylinders 20 ft from fuel dispenser	NFPA 58 8.4.1.1(3)	Cylinder exchange racks shall be located at least 20 ft. from any automotive service station fuel dispenser.
	Cylinders enclosed	NFPA 58 8.4.2.1(1)	Cylinders at a location open to the public shall be protected by an enclosure in accordance with NFPA 58 section 6.18.4.2.
	Cylinders locked in vented cage	NFPA 58 8.4.2.1(2)	Cylinders at a location open to the public shall be protected by a lockable ventilated metal locker or rack that prevents tampering with valves and pilferage of the cylinder.
	Exchange rack provided with traffic protection	NFPA 58 8.4.2.2	Protection against vehicle impact shall be provided in accordance with the International Fire Code or accepted State Fire Marshal policies.
	18 Lb. fire extinguisher when more than 720 Lb. LP aggregate. (36-20 Lb. Cylinders)	NFPA 58 8.5.1	Cylinder Exchange and storage areas where the aggregate quantity of propane stored is in excess of 720 lbs. Shall be provided with a portable fire extinguisher having a capacity of 18 lbs. Dry chemical with a B-C rating.
	Fire extinguisher with in 50' when required.	NFPA 58 8.5.2	Fire extinguisher shall be located not more than 50 ft. from the storage rack.
	Warning Label applied to containers	NFPA 58 5.2.8.4	Warning labels shall meet the following requirements: (1) Warning labels shall be applied to all cylinders of 100 lb (45.4 kg) LP-Gas capacity or less that are not filled on site. (2) Warning labels shall include information on the potential hazards of LP-Gas.