

# BULLETIN

DATE: July 11, 2002	<b>BC 60.1</b>
SUBJECT: Guidelines for Temporary LP-Gas Installations at Public Events	
REFERENCE: CSA B149.2 - 00	
REPLACES: Bulletin No. 60 March 15, 1996	
PAGES: 3	ARCS NO: 195-40/BC.60

Whether the propane installation is to be used for two hours or two weeks, SAFETY MUST ALWAYS BE THE FIRST CONSIDERATION. These minimum practices must be observed:

- All equipment shall be installed in accordance with the latest edition of the CSA B149.1 and B149.2 Code.

Depending on the time and volume of gas required, it may be advantageous to install a larger cylinder instead of several smaller cylinders. The larger cylinders are more stable and have less chance of being knocked over. They can also be refilled during off hours.

- All booths shall have a rated fire extinguisher installed.

TEMPORARY INSTALLATIONS SHOULD FOLLOW THESE MINIMUM REQUIREMENTS:

1. Always maintain clearances to all combustible material in accordance with CSA B149.1 and B149.2 or local regulations.
2. Cylinders or tanks installed within a tent or building shall be 5lb. cylinder maximum subject to enforcing authority. Cylinder shall be equipped with a cylinder valve that does not permit the flow of propane until a positive seal has been achieved.
3. Position cylinders so that the pressure relief valve points away from areas that the public may gather or where there may be a source of ignition. Never point the relief opening towards a tent or other combustible material.
4. Cylinders shall be in an upright position on a firm footing and secured to prevent them from being accidentally tipped over.

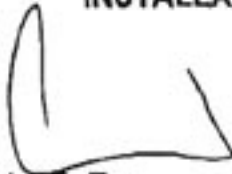
5. Never place installation where they block entrances or exits.
6. Maintain all required clearances for the propane appliances. Reduced clearances, subject to the enforcing authority, require on-site approval.
7. Protect the propane cylinders from any heat source within 6 feet of the cylinders.
8. Protect and secure all gas piping and/or hose from people and vehicles.
9. Use only hose, tubing, pipe and fittings suitable for use with LP-gas. Valves and regulators shall be suitable for LP-gas. All components shall be checked for their certified pressure rating.
10. Connect only appliances designed and certified for operation with LP-gas in accordance with the manufacturers instructions.
11. All thermostatically controlled appliances shall be equipped with safety shut-off controls. All controls shall be checked for proper working order.
12. Prior to startup and each time a cylinder is changed, check the system for leaks, using a suitable leak detector or leak detector solution.

**DO NOT USE AN OPEN FLAME**

13. When changing cylinders, clear the area within 15 feet of the cylinder installation of all sources of ignition, including appliances, and smoking material. Use a properly sized wrench in making connections.
14. All spare and empty cylinders shall be stored in an outside secured area. The cylinder valve outlet shall be plugged when not in use.
15. Give complete operating and installation instructions and warnings to those using the equipment. Demonstrate how the system is to be safely shut down in the event of an emergency. Instruct the operators to shut the system down and close all cylinder valves when the system is not in use. Document that this information was given and retain a copy of this documentation in your files.

16. Only qualified gas fitters may make repairs to any gas appliances or equipment.
17. For mall displays the maximum size of the cylinders shall be as per CSA B149.2 - 00 Code (5lb. cylinder). There shall be a separation of 20 feet between locations.

**WHEN THE EVENT IS OVER, DISCONNECT AND PROMPTLY REMOVE THE GAS  
INSTALLATION AND EQUIPMENT FROM THE SITE.**



Susana Katz, P. Eng.  
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