



Liquefied Petroleum Gas, or "LP-Gas" is a material composed predominantly of hydrocarbons or mixtures of the following: Propane, Propylene, Butane, and Butylenes. It is stored in containers of various sizes and quantities under pressure. LP-Gas can pose a significant hazard, therefore, storage and use of the material is regulated by the International Fire Code, along with the City of Bellevue Fire Department. The following information is provided and reference from the City of Bellevue's adoption of the International Fire Code. A Fire Department issued OPERATIONAL permit is required for the storage and use of LP-gas. The use of PORTABLE LP-GAS CONTAINERS in buildings will be in accordance with the following:

Portable LP-gas containers and their use will be allowed for the following purposes:

- a.) Construction and temporary heating. (Restrictions apply, more information available from your Fire Code Official)
- b.) Temporarily for demonstrations and public exhibitions. These containers are not to exceed 12 pounds water capacity. If more than one container is present in the same room, separation of containers shall be no less than 20ft.
- c.) Use with self contained torch assemblies not exceeding 2.5 pound water capacity.
- d.) Use for food preparation. Use of approved, listed LP-gas commercial food service appliances within restaurants and in attended commercial food catering operations
- e.) Containers for use on industrial vehicles and floor maintenance machines.

Additional allowances for the following types of occupancies:

Educational and Institutional Occupancies:

For research and experimentation, however, such containers shall not be used in classrooms. Such containers shall not exceed 50 pounds water capacity in occupancies used for educational purposes and shall not exceed 12 pounds water capacity in occupancies used for institutional purposes. Where more than one such container is present in the same room, each container shall be separated from other containers by a distance of not less than 20 feet.

Factory Industrial Occupancies:

Portable containers are allowed to be used to supply quantities necessary for processing, research, or experimentation. Where manifolded, the aggregate water capacity shall not exceed 735 pounds per manifold. Where multiple manifolds are used in the same room, each manifold shall be separated from other manifolds by a distance of not less than 20 feet. The maximum allowable quantity of LP-gas in one storage location within such buildings (these buildings being not accessible to the public) shall not exceed 735 pounds water capacity (nominal 300 pounds LP gas). Where additional storage locations are required on the same floor within the same building, they shall be separated by a minimum of 300 feet. The maximum quantity of LP-gas shall be 10,000 pounds.