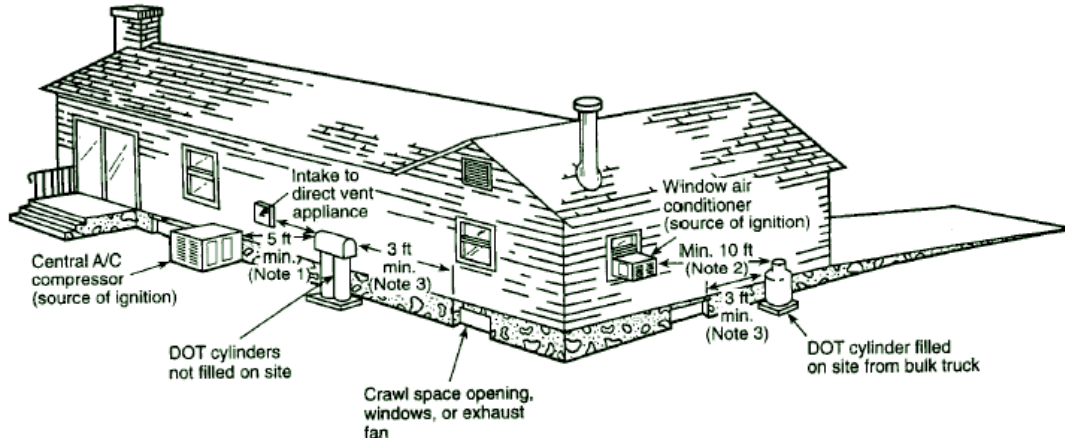
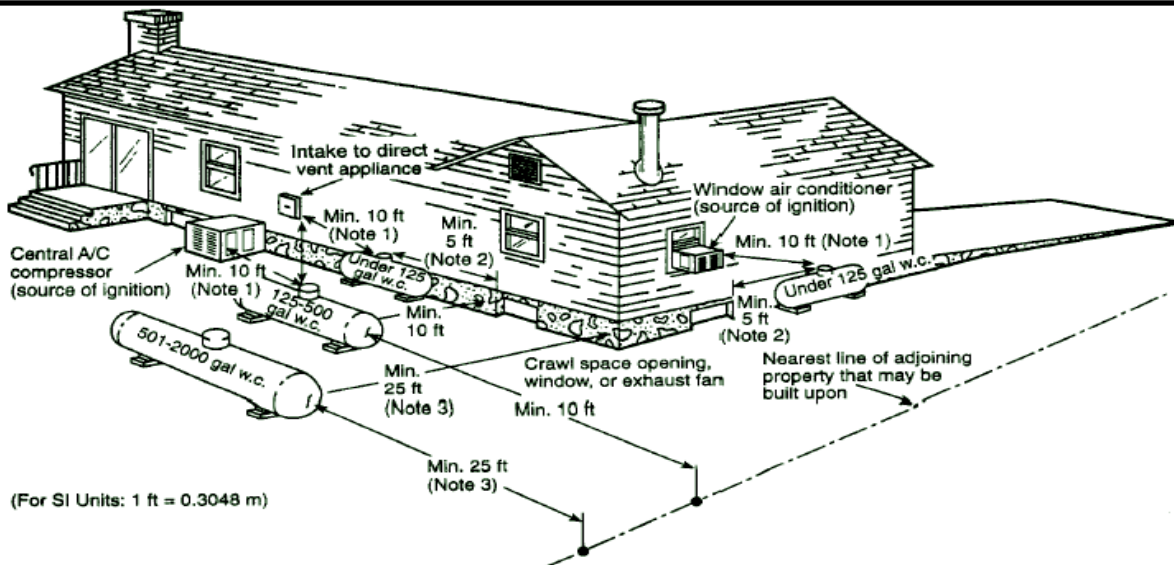


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DOT Labeled Cylinders (Filled Off or On Site)

- Note 1: 5 ft minimum from relief valve in any direction away from any exterior source of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes.
- Note 2: If the DOT cylinder is filled on site from a bulk truck, the filling connection and vent valve must be at least 10 ft from any exterior source of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes.
- Note 3: DOT containers shall be located and installed so that the discharge from the pressure relief device is at least 3 ft horizontally away from any building opening that is below the level of discharge, and shall not be beneath any building unless this space is well ventilated to the outside and is not enclosed for more than 50 percent of its perimeter.



ASME Labeled Cylinders (Usually Filled On Site)

- Note 1: Regardless of Size, any ASME tank filled on site must be located so that the filling connection and fixed liquid level gauge are at least 10 ft from any external source of ignition (i.e., open flame, window A/C, compressor, etc.), openings into direct-vent appliances, or mechanical ventilation air intakes.
- Note 2: ASME containers shall be installed so that the discharge for the container pressure relief device is at least 5 ft horizontally away from any building opening that is below the level of such discharge, and not less than 10 ft in any direction away from any exterior source of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes.
- Note 3: This distance may be reduced to no less than 10 ft for a single container of 1,200-gal or less provided such container is at least 25 ft from any other LP-Gas container of more than 125-gal.

From IFC Table 3804.3 Location of LP-Gas Containers Per 2006 International Fire Code			
Container Capacity (water gallons)	Minimum Separation Between Containers and Buildings, Public Ways or Lot Lines of Adjoining Property that can be built upon		Minimum Separation between Containers (feet)
	Mounded or Underground Containers (feet)	Above-ground Containers (feet)	
Less than 125 gal.	10	5*	None
125 to 250 gal	10	10	None
251 to 500 gal	10	10	3
501 to 2,000 gal	10	25	3
Over 2,000 gal	50	(see IFC)	5

* Containers of less than 125 gallon water capacity may be placed adjacent to the building if meeting all other requirements of the International Fire Code.

Separation From Fuel Oil Tanks

From NFPA 58, *Liquefied Petroleum Gases*:

“3-2.2.7(e) The minimum horizontal separation between above-ground LP-Gas containers and aboveground tanks containing liquids having flash points below 200 degrees F. (**ed: such as fuel oil**) shall be 20ft. No horizontal separation shall be required between aboveground LP-Gas containers and underground tanks containing flammable or combustible liquids installed in accordance with NFPA 30, *Flammable and Combustible Liquids Code*.

Exception: This provision shall not apply where LP-Gas containers of 125 gal or less water capacity are installed adjacent to fuel oil supply tanks of 660 gal or less capacity.”

Tank Supports

From NFPA 58, *Liquefied Petroleum Gases*

“3.2.4.1 DOT cylinder specification containers shall be installed only aboveground, and shall be set upon a firm foundation, or otherwise firmly secured. Flexibility shall be provided in the connecting piping.”

For ASME aboveground, underground, vertical and horizontal tanks, see NFPA 58, Section 3-2.4.