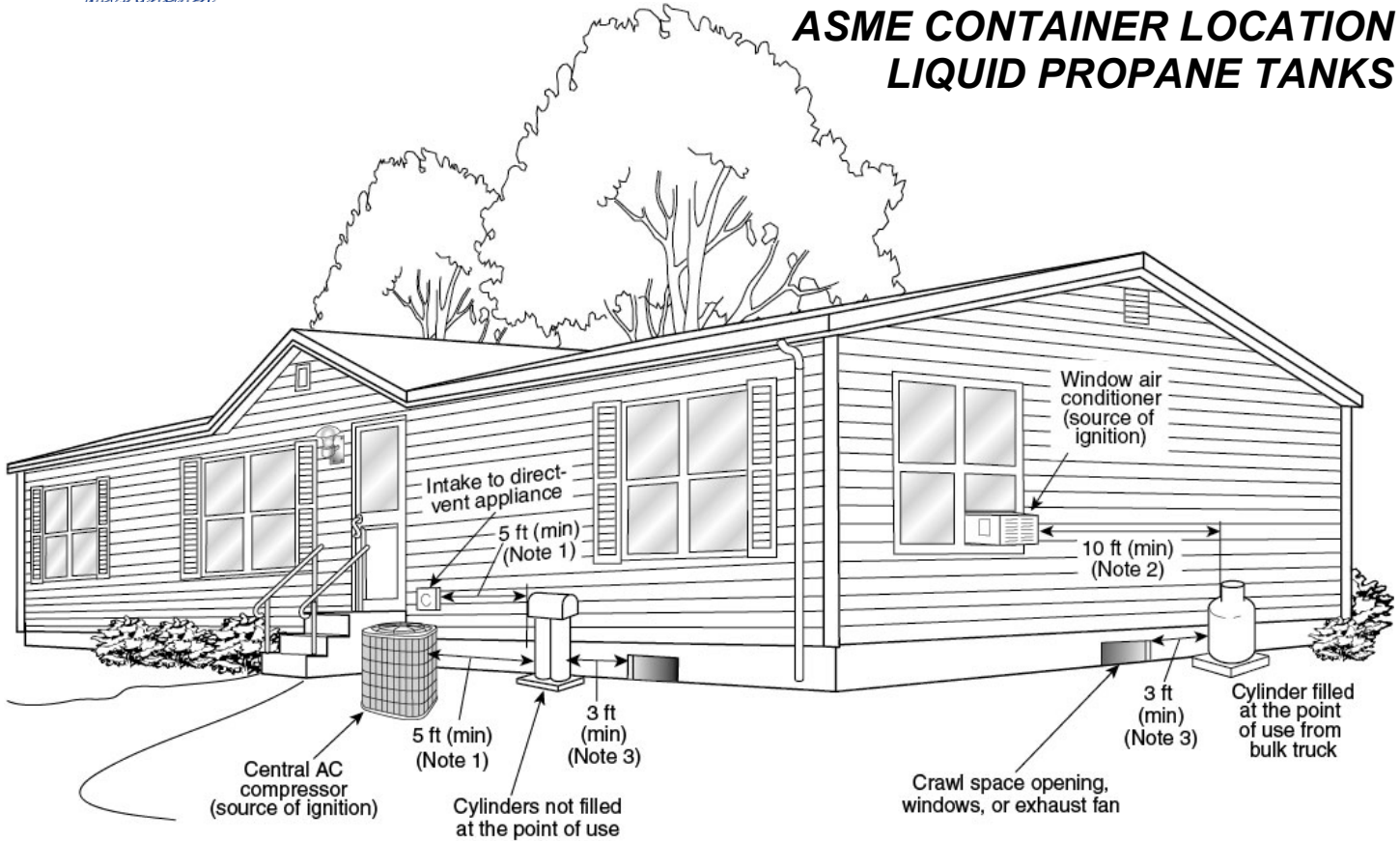


ASME CONTAINER LOCATION LIQUID PROPANE TANKS



For SI units, 1 ft = 0.3048 m.

Notes:

- (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. Refer to Table 6.4.4.3.
- (2) If the cylinder is filled at the point of use from a cargo tank motor vehicle, 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. Refer to 6.4.4.3.
- (3) Refer to 6.4.4.3.

NFPA 58, the Liquefied Petroleum Gas Code, contains the requirements pertaining to the placement of liquefied petroleum gas (LP-Gas) containers. The main focus of the separation distances in NFPA 58 is the placement of containers according to Table 6.4.1.1 (at right). This table contains the minimum distances, measured from any portion of the container surface, to several other items including other containers, important buildings, and line of adjoining property that can be built upon.

Table 6.4.1.1 Separation Distances Between Containers, Important Buildings, and Line of Adjoining Property That Can Be Built Upon

Water Capacity per Container		Minimum Distances					
		Mounded or Underground Containers ^a		Aboveground Containers		Between Containers ^b	
gal	m ³	ft	m	ft	m	ft	m
<125 ^c	<0.5 ^c	10	3	0 ^d	0 ^d	0	0
125-250	0.5-1.0	10	3	10	3	0	0
251-500	>1.0-1.9	10	3	10	3	3	1
501-2,000	>1.9-7.6	10	3	25 ^c	7.6	3	1
2,001-30,000	>7.6-114	50	15	50	15	5	1.5
30,001-70,000	>114-265	50	15	75	23		
70,001-90,000	>265-341	50	15	100	30		¼ of sum of diameters of adjacent containers
90,001-120,000	>341-454	50	15	125	38		
120,001-200,000	>454-757	50	15	200	61		
200,001-1,000,000	>757-3,785	50	15	300	91		
>1,000,000	>3,785	50	15	400	122		

^aSee 6.4.2.1.
^bSee 6.4.4.5.
^cSee 6.4.4.4.
^dSee 6.4.4.1, 6.4.4.2, 6.4.4.3, and 6.4.4.4.
^eSee 6.4.1.3.