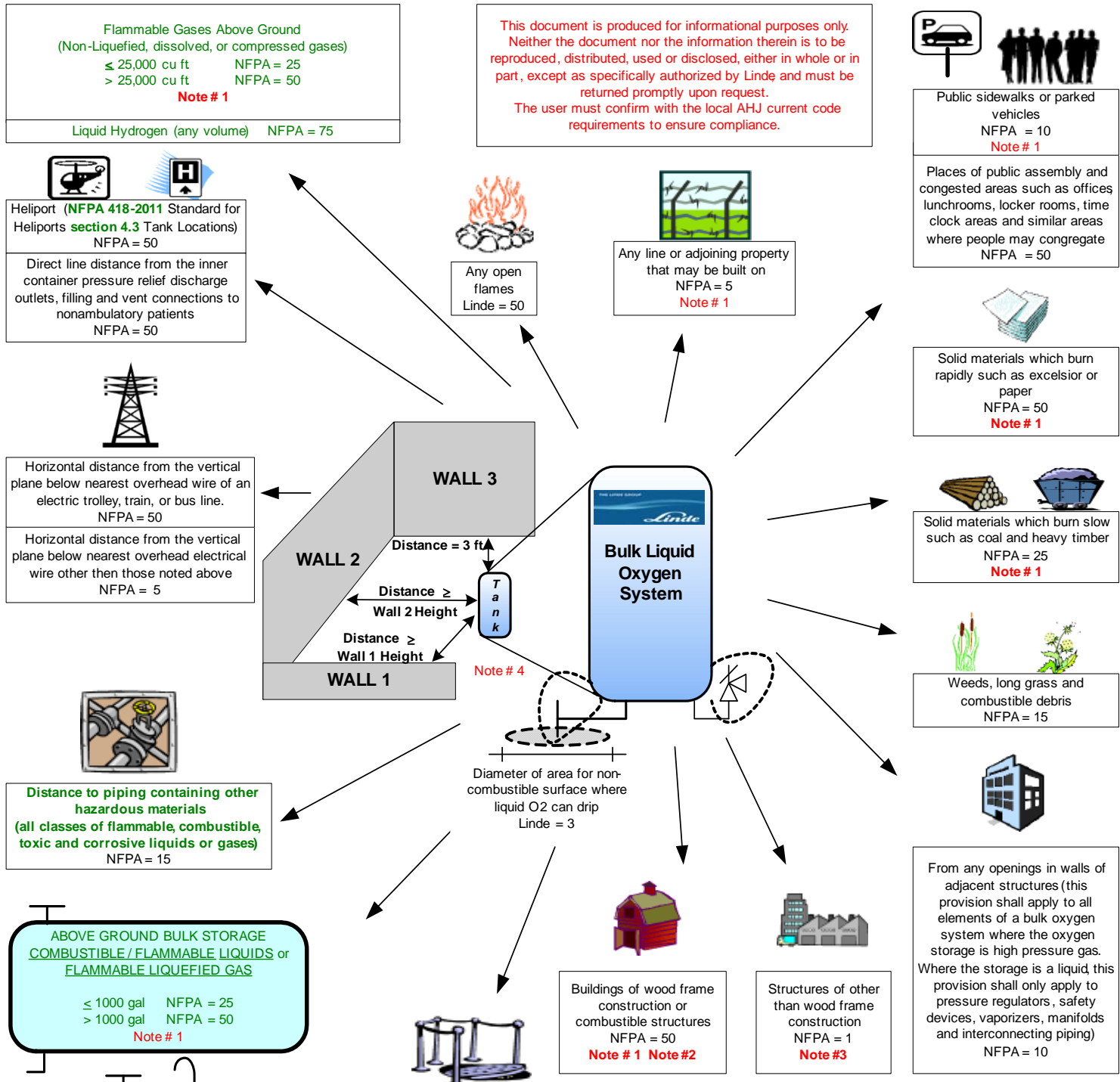


The distances to be followed for installations are the distances as listed below . These distances reflect the combined requirements of NFPA 55 2010 and Linde requirements. (Refer to these codes for clarification). Additional requirements may be imposed by the Local Authority having Jurisdiction .

**NOTE:** Distances are measured from the storage container, vaporizers, and the discharge points of pressure relief devices, liquid connections , trycock valve and are in feet.



**ABOVE GROUND BULK STORAGE**  
**COMBUSTIBLE / FLAMMABLE LIQUIDS or**  
**FLAMMABLE LIQUEFIED GAS**

≤ 1000 gal NFA = 25  
 > 1000 gal NFA = 50  
**Note # 1**

**BELOW GROUND BULK LIQUID STORAGE**  
**COMBUSTIBLE or FLAMMABLE**

To The Vessel  
 NFA = 15

To Any Fill Connections or Vents  
 NFA = 25  
**Note # 1**

**Note 1:** These distances shall not apply where protective structures having a minimum fire resistance rating of two hours interrupt the line of site between the uninsulated portions of the bulk oxygen storage installation and the exposure. This wall should be no closer than 3 ft. to the system to allow for system maintenance. The wall should be designed to withstand anticipated wind and seismic forces. The protective structure protects uninsulated portions of the oxygen system from external fire exposure.

**Note 2:** NFPA 55-2010 defines a building of wood frame construction as a building construction Type III, Type IV, and Type V, as defined in NFPA 5000. This includes any building whose exterior walls or interior frame are made wholly or partially of wood or do not have a fire resistance of 2 hrs.

**Note 3:** NFPA 55-2010 defines a building of approved non combustible or limited combustible materials as a building construction, Type I and Type II, as defined in NFPA 5000. These structures are not of wood frame construction.

**Note 4:** Distances noted are for ventilation purposes for tank installations in courtyards (3 or more walls). Minimum clearances for other equipment (vaporizers, manifolds, etc) shall be at least 3 feet on all sides for system maintenance and operation.

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**\*All changes to previous revision are in green**