

Inspection and Technical Services

Gas Equipment Bulletin: Propane Storage Tanks on a Construction Site

ITS 21-023

Rationale: To explain minimum requirements for protection of a propane deliver system installed at a temporary site.

1. Permits and drawings should be submitted for approval to ITS prior to installation of any propane storage tanks.
2. Installation of propane storage tanks up to 2,000 gallon maximum capacity should be at least 10 feet (3.05 m) from all buildings, hoardings, driveways and excavations below grade.
3. All supply hoses from tank installations to buildings and hoarding should be protected from damage. 2" x 4" lumber can be used as a means to protect gas hoses as a temporary measure.
4. Any mobile propane tank used at a construction site should be adequately blocked, and the installation should be protected from physical damage by an acceptable method, such as that used to protect stationary propane tank installations.
5. Steel piping may be used where it passes through walls, floors and hoarding. Hoses are not allowed for these applications.
6. Gas shut-off valves should be installed at building entrances and on all branch lines on piping manifolds supplying construction heaters.
7. The hose and any connectors used should be approved for use by a recognized approval agency. The hose should be sized properly for the rated input of the construction heater being supplied. The hose should not be less than 15 feet (4.6 m) nor more than 75 feet (16 m), per the current CSA B149.1 Section 6.20.3 (c).

No connections are allowed in the hose