

LPG-FUELED HEATER AT A CONSTRUCTION SITE PERMIT CONDITIONS

Note to inspector: Per the Memorandum of Agreement Concerning Piping Regulation Enforcement between DPD, KC Health and SFD, KC Health must approve the piping (i.e. flex hose) between the LPG tank and the construction heater. For SFD purposes KC Health piping approval must be obtained prior to issuance of the Fire permit.

This permit shall be kept on the premises designated herein at all times and shall be readily available for inspection by the fire code official. [SFC 105.3.4]

1. A single LPG tank having a maximum capacity of 500 gallons is permitted to be connected to listed and approved fuel-burning equipment at construction sites located outside the Fire District (see attached map).

Fuel burning equipment that is listed and approved for this use includes, but is not limited to:
DRYAIR 2000 series model.

2. LPG tanks are prohibited inside the Fire District (see attached map).
3. The LPG tank and heater unit shall be located outside buildings.
4. Filling of the LPG tank is prohibited prior to issuance of the Seattle Fire Department permit.
5. The heater unit shall be operated in accordance with manufacturer's recommendations.
6. Maintain a minimum of :
 - 25 feet between the LPG tank and public ways,
 - 20 feet between the tank fill location and the heater unit and other ignition sources,
 - 10 feet between the LPG tank and buildings, property lines and any building overhangs.

Exception: Where there is a practical difficulty complying with the 25-foot set back requirement between the LPG tank and public ways, the distance may be reduced to not less than 10 feet.

7. High-pressure hose shall be rated to at least 350-pounds and the hose length between the LPG tank and the heater unit shall be minimized.
8. Approved vehicle protection (jersey barriers) shall be provided to surround the entire system (heater unit and LPG tank). This will also ensure that there is no activity between the LPG tank and the heater unit.
9. The LPG tank and heating system shall not be relocated after issuance of the permit unless specifically approved, inspected and noted on the permit by a Seattle Fire Department inspector.
10. The site or the system shall have security to prevent tampering with the LPG tank or heater unit.
11. At least one portable fire extinguisher having a minimum rating of 40BC shall be located at least 10 feet from, and within 30 feet of, the LPG-container. (SFC 3808.2, 906, 105)
12. At least one person shall be present on the construction site whenever the system is operating. This individual shall be familiar with the system, its controls and emergency shutoffs. This individual shall also be capable of transmitting an alarm to the Fire Department in case of an emergency.

Exception: Approved systems equipped with adequate safety controls and automatic shutoffs.

City of Seattle Map of Fire District

Black Region

Fire District (Temporary Permit Required)

Grey Region

Outside the Fire District (Validation Number Required)

