



PORTLAND FIRE & RESCUE



Dan Saltzman, Commissioner
Mike Myers, Fire Chief
Nate Takara, Fire Marshal
Prevention Division
1300 SE Gideon Street
Portland, OR 97202
(503) 823-3770
Fax (503) 823-3969

Design Guidelines

Gas Burning Open Flame Appliances Located on Roofs, Decks or Similar Outdoor Areas Classified as an Assembly Occupancy or Use

This guideline does not apply to open-flame cooking devices which are regulated under PFC Section 308.1.4

Applicable Code Section(s): PFC Section 308.3

Code Requirement: PFC 308.3 prohibits open-flame devices in or on a building where the gathering of persons may exceed an occupant load of 50 or more. An exception to this prohibition is allowed for gas burning open flame appliances that comply with all the items listed below:

- The gas burning appliance is CSA certified or UL listed and installed per the manufacturer's recommendations.
- To prevent tipping, the appliance will be permanently secured in place.
- Gas will be internally piped to the appliance. No fuel tank or fuel storage will be provided.
- A timer will be installed to activate the appliance.
- A timer will be connected to the valve of the gas burning appliance allowing gas to flow to the appliance for periods of up to 60 minutes.
- A portable fire extinguisher will be located on the same level and installed within 75 feet of travel distance of the gas burning appliance.
- An automatic fuel shutoff valve will activate upon the initiation of a fire alarm signal, if provided, that will interrupt the flow of gas when a fire alarm is activated anywhere in the building.
- A manual emergency shutoff valve with signage will be located within a minimum of 10 feet and a maximum of 50 feet from the gas burning appliance.

Note: A barbeque is not required to be connected to an automatic fuel shut off valve. If an applicant chooses to connect the barbeque to an automatic fuel shut off valve, manual action will be required to restore the flow of gas to the barbeque once tripped by the fire alarm system.