



# PORTLAND FIRE & RESCUE



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## Design Guidelines Gas Burning Fire Pits and Tables on Roofs or Decks

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 307.1

**Code Requires:** PFC 307.1 requires that a person shall not kindle or maintain or authorize to be kindled or maintained any open burning unless conducted and approved in accordance with Sections 307.1.1 through 307.5.

- The gas burning appliance is CSA certified or UL listed and installed per the manufacturer's recommendations.
- The appliance will be secured to the non-combustible roof or deck structure to prevent tipping.
- 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 be connected to the fire alarm system that will interrupt the flow of gas when the 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.
- The gas burning appliance will be located more than 10 feet from any combustibles or combustible construction.
- **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.