



## Solid Fuel, Liquid & Gas/ Propane Appliance Installations

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### BACKGROUND

Installation of solid fuel, liquid & gas/propane appliances require verification that chimneys and vents are adequate for use with the new appliance. The inspection of an existing chimney or vent requires equipment that is not readily available to Building Department staff. A professional chimney sweep or contractor who is licensed by the State Construction Contractors Board (CCB) has the equipment and expertise to confirm the safety of an existing chimney or vent.

The Oregon Mechanical Specialty Code (Section 801.18.2) and the Oregon Residential Specialty Code (Section M1801.3.2) require appliances which are installed utilizing an existing chimney or vent to comply with the following:

*The flue gas passageway shall be free of obstructions and combustible deposits and shall be cleaned if previously used for venting a solid or liquid fuel-burning appliance or fireplace. The flue liner, chimney inner wall or vent inner wall shall be continuous and shall be free of cracks, gaps, perforations or other damage or deterioration which would allow the escape of combustion products, including gases, moisture, and creosote.*

This requirement applies to all appliances installed into an existing chimney or vent which previously vented appliances using solid, liquid, or gas fuel. The requirement does not apply to new gas appliances which are proposed to vent into an existing (type B) gas vent.

### BUILDING DEPARTMENT PROCESS

- Homeowner or qualified contractor shall obtain from the Building Department, a Mechanical Permit for installation of a solid fuel, liquid & gas/propane appliance. Indicate on the Mechanical Permit application if existing chimney or vent is to be replaced with new chimney or vent.
- If existing chimney or vent is to be re-used, clean existing chimney or vent previously utilized to burn solid, liquid or gas/propane fuel. **Cleaning and inspection must be performed by the homeowner, a chimney sweep or other qualified contractor prior to the inspection of the installation of the new solid fuel, liquid or gas/propane appliance.** A chimney sweep or contractor providing the cleaning and inspection of the chimney or vent must be registered with the CCB.
- Prior to requesting the inspection of the new appliance, the permittee must submit to the Building Department: Documentation indicating characteristics of the installation and verification that the chimney or vent has been cleaned and it is safe for reuse with the proposed appliance. See **SPECIFIC SUBMITTAL REQUIREMENTS** on reverse side.

## SPECIFIC SUBMITTAL REQUIREMENTS

**Project Information:** (Submit to Building Department prior to requesting inspection)

**Mechanical Permit No.:** \_\_\_\_\_

**Owners Name (Print):** \_\_\_\_\_

**Installation Address:** \_\_\_\_\_

**Chimney or Vent Inspector/Contractor Name (Print):** \_\_\_\_\_

**CCB No.:** \_\_\_\_\_

**Appliance:**  Freestanding Wood Stove    Wood Stove Insert    Pellet Stove    Pellet Stove Insert  
 Other (describe): \_\_\_\_\_

**Minimum required clearance to combustibles:**

Sidewall: \_\_\_\_\_  Mantle: \_\_\_\_\_  Corner Wall: \_\_\_\_\_  Backwall: \_\_\_\_\_

**Chimney connector:**  Single wall    Double wall reduced clearance

**Chimney/Venting:**  Manufactured UL 103 HT    Masonry Chimney UL 1777 Liner  
 Masonry chimney with direct connection to clay tile liner  
 Pellet vent type L    Other (describe): \_\_\_\_\_

**Chimney/Liner:**

Manufacturer/Model: \_\_\_\_\_

Does the existing masonry chimney have a clay liner?  Yes    No

Has the existing clay tile liner been cleaned?  Yes    No   Date cleaned: \_\_\_\_\_

Is the existing clay liner continuous, free of cracks, gaps, perforations or damage?  Yes    No

Is the chimney liner installed as per the manufacturer's installation instruction?  Yes    No

Are the concealed portions of the wood stove flue a manufactured UL 103 HT chimney and installed as per the manufacturer's instructions with the minimum required clearances?  Yes    No

Are the concealed portions of the liquid or gas/propane venting installed per the manufacturer's installation instructions for minimum required clearances?  Yes    No

**Termination:**

Is the chimney termination at least 2ft higher than any part of the structure that is within 10ft of the chimney and at least 3ft high measured from where it passes through the roof?  Yes    No

Does the chimney termination have a spark arrestor?  Yes    No

**Appliance Installer:** \_\_\_\_\_

(Signature)

**Date:** \_\_\_\_\_