



TOWN OF WARRENTON

Community Development Department

PO BOX 341
WARRENTON, VIRGINIA 20188
<http://www.warrentonva.gov>
TELEPHONE (540) 347-2405
FAX (540) 349-2414

Vent / Chimney Certification for Fuel-burning Appliances and Equipment

Project information

Project Address: _____ Permit No. _____

Date of installation: _____

Certifier's information

Name: _____

Address: _____

City: _____ State: _____ Zip code _____

Certification

I hereby certify that, i) the above information is accurate. ii) the vent or chimney is constructed and sized in accordance with the Virginia Residential Code, and iii) The vent of chimney is clean, free of any obstruction or blockages, defects or deterioration and is operable condition.

Name (print) _____

Signature: _____ Date: _____

Name of re-lining system if installed: _____

Submission of completed Vent / Chimney Certification is required prior to final inspection.

Submit to: Town of Warrenton
Community Development
P.O.B. 341
Warrenton, Virginia 20188-0341
Email: permittech@warrentonva.gov
Telephone: 540-347-2405 Fax: 540349-2414



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VRC 2018 – REPLACEMENT OF GAS-FIRED EQUIPMENT & APPLIANCES

APPLIANCE. A device or apparatus that is manufactured and designed to utilize energy and for which this code provides specific requirements.

EQUIPMENT. All piping, ducts, vents, control devices and other components of systems other than appliances that are permanently installed and integrated to provide control of environmental conditions for buildings. This definition shall also include other systems specifically regulated in this code.

2018 Virginia Residential Code

CHAPTER 18; CHIMNEYS AND VENTS

M1801.1.1 Equipment changes.

Upon the replacement or new installation of any fuel-burning appliances or equipment in existing buildings, an inspection or inspections shall be conducted to ensure that the connected vent or chimney systems comply with the following:

- 1) Vent or chimney systems are sized in accordance with this code.
- 2) Vent or chimney systems are clean, free of any obstruction or blockages, defects or deterioration and are in operable condition.

Where not inspected by the local building department, persons performing such changes or installations shall certify to the building official that the requirements of Items 1 and 2 of this section are met.

G2407 (304) COMBUSTION, VENTILATION AND DILUTION AIR

G2425.1.1 Equipment changes.

Upon the replacement or new installation of any fuel-burning appliances or equipment in existing buildings, an inspection or inspections shall be conducted to ensure that the connected vent or chimney systems comply with the following:

1. Vent or chimney systems are sized in accordance with this code.
2. Vent or chimney systems are clean, free of any obstruction or blockages, defects, or deterioration and are in operable condition. Where not inspected by the local building department, persons performing such changes or installations shall certify to the building official that the requirements of Items 1 and 2 of this section are met.

2018 Virginia Fuel Gas Code

501.15 Existing Chimneys and vents. Where an appliance is permanently disconnected from an existing chimney or vent, or where an appliance is connected to an existing chimney or vent during the process of a new installation. The chimney or vent shall comply with Sections 501.15.1 through 501.15.4

501.15.1 Size: The chimney or vent shall be resized as necessary to control flue gas condensation in the interior of the chimney or vent and to provide the appliance or appliances served with the required draft. For Category I appliances, the resizing shall be in accordance with Section 502.

501.15.2 Flue passageways. 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 liner 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.

501.1.3 Cleanout. Masonry chimney flues shall be provided with a cleanout opening having a minimum height of 6 inches (152 mm). The upper edge of the opening shall be located not less than 6 inches (152mm) below the lowest chimney inlet opening. The cleanout shall be provided with a tight fitting, noncombustible cover.

501.15.4 Clearances. Chimneys and vents shall have air space clearance to combustibles in accordance with the International Building Code and the chimney or vent manufacturer's installation instructions.

Exception: Masonry chimneys without the required airspace clearances shall be permitted to be used if lined or relined with a chimney lining system listed for use in chimneys with reduced clearances in accordance with UL 1777. The chimney clearance shall be not less than permitted by the terms of the chimney liner listing and the manufacturer's instructions.

The flue "certification" must be presented to the inspector at the time of inspection
A technician must be present during the Final inspection to "soap" test the joints of the re-connected gas line.