



## Gas Fired Residential Tankless Water Heaters

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Building Official

Effective: October 29, 2020

### **Purpose:**

This policy is to establish the permitting and inspection requirements for the installation of a "Tankless" Water Heater in an existing Residential Dwelling that was previously equipped with a "Tank Type" Water Heater.

### **Program Requirements:**

Due to the variances in the required gas supply, and the venting system requirements, the following permits, inspections, and certifications will be required when installing a "Tankless" Water Heater.

Installation Instructions:

The water heater manufacturer installation instructions must be on site for all inspections.

Permits:

- 1) [Gas Permit](#) – For gas piping and venting of water heater
- 2) [Electrical Permit](#) - When a new circuit is required or extended
- 3) [Plumbing Permit](#) – When extending water piping more than 10 feet or changing pipe material

Inspections:

- 1) Gas Pressure Test - If more than 12 gas joints and/or any portion of the new piping or gas venting is to be concealed.
- 2) Gas Final - If less than 12 gas joints, and all gas piping and gas venting is exposed
- 3) Electrical Final (If Required)
- 4) Plumbing Final (If Required)

Certifications:

- 1) [Prince William County Certified Gas Piping Diagram](#)
- 2) [Prince William County Vent / Chimney Certification](#) - When the previous water heater shared a common vent with another fuel-burning appliance. The "common" vent must be certified to meet the size requirements for the remaining appliance, per the IRC code.

### **Attachments/Hyperlinks:**

- [Prince William County Gas Piping Certification](#)
- [Prince William County Vent / Chimney Certification](#)