

	BUILDING DEVELOPMENT POLICIES AND PROCEDURES ADMINISTRATIVE/GENERAL	Effective Date: October 29, 2020
	1.6.9 Gas Fired Residential Tankless Water Heater Installations	Supersedes Policy Dated: N/A

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