



Backflow Prevention Assembly Installation Application And Guidelines

Project Name: _____

Address of Project: _____

Name of General or Utility Contractor: _____ Contact: _____

Address of General or Utility Contractor: _____

Email: _____ Phone Number: _____ Cell Number: _____

Name of Plumber or Fire Sprinkler Contractor: _____ License #: _____

Email: _____ Phone Number: _____ Cell Number: _____

Address: _____

Backflow Prevention Assembly Information:

Manufacturer: _____ **Model:** _____ **Size:** _____

Serial Number: _____ **Location Onsite:** _____

Select One
<input type="checkbox"/> Temporary Installation
<input type="checkbox"/> Permanent Installation

Select One
<input type="checkbox"/> Ready for Inspection
<input type="checkbox"/> Will Call for Inspection

Select One
<input type="checkbox"/> Reduced Pressure (RP)
<input type="checkbox"/> Double Check (DC)
<input type="checkbox"/> Reduced Pressure Detector (RPDA)
<input type="checkbox"/> Double Check Detector (DCDA)

Orientation of Service: Horizontal Vertical

Type of Service: Domestic (DOM) Irrigation (IRR) Fire Line (FL) Combo (Dom & FL)

Select One for Type of Commercial Hazard or Water Use:

Automotive Car Wash Commercial Construction 5 (or more) Story Building

Fire Service Food Service Grocery Irrigation Laundry

Medical / Institutional Mortuary Multi-Family Pesticide

Pool Water Front Industrial Waste Water Treatment Other _____

All installations will abide by the Federal Safe Drinking Water Act (P.L. 93-523), the North Carolina State Administrative Code (Title 10, Chapter 10, Subchapter 1-O-D, Subparagraph .1006), and all other State and Federal regulations as they pertain to cross-connections with the public water supply.

Signature of Plumber/Contractor _____ Date _____

Print Plumber/Contractor _____

COH Office Use: Assembly Approval Date _____ **by** _____

COH Inspection Date _____ **by** _____

Backflow Prevention Assembly Installation Guide

- The backflow prevention assembly should be as close to the water meter or service connection as possible. In all cases it shall be before the first branch in the water service. *Call Hendersonville Water and Sewer (HWS) Environmental Services Coordinator for more information about isolation backflow assemblies.*
- The double check valve and reduced pressure assemblies shall be installed at least 12 inches above the finished grade, flood level, or floor.
- The maximum installation height of a backflow prevention assembly is sixty inches.
- An enclosure shall be provided that protects the assembly from theft, vandalism, tampering, weather, and freezing.
- In the floor, underground, and vault installations are not recommended without specific details for variance.
- There shall be 12 inches clearance on all sides of the assembly.
- Electrical equipment, outlets and breaker boxes shall not be located beneath the assembly.
- Only in-line testable assemblies approved by the USC Foundation for Cross Connection Control and Hydraulic Research (USC-FCCCHR) shall be accepted.
- The type of assembly shall be appropriate for the hazard as identified by the HWS Environmental Services Coordinator.
- Prior to installing assemblies it is recommended that the Environmental Services Coordinator be contacted to verify that the type of assembly being used is appropriate for the hazards.
- Installation, relocation, replacement, and removal of backflow prevention assemblies require a HWS notification, inspection, and approval. Water meters will not be set until the HWS has inspected and approved the backflow prevention assembly and its installation.
- It is the responsibility of the installer to ensure that backflow prevention assemblies function properly and are tested by a certified tester within 15 days of the installation. The completed HWS backflow preventer test and maintenance form must then be submitted to the Environmental Services Coordinator.