

# ENVIRONMENTAL Fact Sheet



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## List of Approved Backflow Prevention Devices

New Hampshire Code of Administrative Rules, Env-Ws 364, requires that public water utilities take appropriate actions to prevent the reverse flow of water previously delivered to customers. There are many elements of such a program as identified in fact sheet [WD-DWGB-11-1 "Cross-Connection Control Programs."](#)

A common component of such a program is the installation of plumbing devices to prevent such backflow. Where backflow prevention devices are used, the device must be "approved" by the DES Water Division. New Hampshire does not have a separate approval process for such devices but cross references the list of "Approved Backflow Prevention Assemblies" for "testable" devices as published by the **Foundation for Cross-Connection Control and Hydraulic Research**, University of Southern California.

For backflow prevention devices such as residential dual check valves or other "non testable" devices, DES requires that the device meet or exceed ANSI/ASSE standard 1024 "Dual Check Valve Type Backflow Preventers." The International Plumbing Code shall should be consulted for further information.

Approved backflow devices listed below shall be used for the containment of on-premise hazards for low and high degree of hazard situations respectively:

Low Degree of Hazard	High Degree of Hazard
Air gap	Air gap
Pressure vacuum breaker	Reduced pressure backflow device
Double check valve assembly	A combination of the above
Reduced pressure backflow device	
A combination of the above	

### For Additional Information

Please contact the Drinking Water and Groundwater Bureau at (603) 271-2513 or [dwgbinfo@des.state.nh.us](mailto:dwgbinfo@des.state.nh.us) or visit our website at <http://des.nh.gov/organization/divisions/water/dwgb/index.htm>. All of the bureau's fact sheets are on-line at <http://des.nh.gov/organization/commissioner/pip/factsheets/dwgb/index.htm>.

Note: This fact sheet is accurate as of August 2010. Statutory or regulatory changes, or the availability of additional information after this date may render this information inaccurate or incomplete.