



New England  
Water Works Association

A Section of the  
American Water Works Association

# Backflow Prevention Device Testing

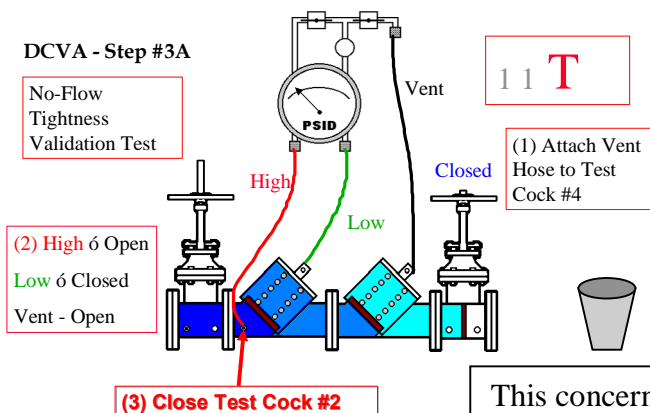
## Double Check Valve Assembly

### No-Flow Validation Test - Concerns

When opening the high control valve during the no-flow validation test, the PSID on the test kit may increase. If this happens and the backpressure test was not conducted, immediately close the high control valve. A backpressure situation may be occurring and non-potable water may be entering the potable water supply. Conduct the backpressure test at this time and retest.

When opening the high control valve during the no-flow validation test, the PSID on the test kit may drop to zero. If this happens and the backpressure test was conducted, this may be an indication that the O-ring on the check valve seat may be defective.

The second check valve seat O-Ring and/or cartridge may need to be replaced.



This concern is  
before shutting  
off test cock #2