

Reduced Pressure Detector Assemblies – Type I

Notify - This may include the owner, the fire department, and/or alarm system operator.

Identify

Inspect

Observe – **Record the bypass water meter reading before testing**

Test the mainline assembly first

Close shut-off valve #2 in bypass assembly

Follow same procedure as for a RP

Leave the shut-off valve #2 on the mainline assembly in closed position

Test the bypass assembly second

Follow same procedure as for a RP

Leave both shut-off valves (#2) in the closed position

Verify Detection of Flow through bypass

Open shut-off valve #2 of the bypass assembly

Open test cock #4 on mainline assembly*

Verify that bypass water meter indicates flow

* if test cock #4 for mainline valve is located on bypass piping you also need to verify bypass piping is not plugged by:

Close shut-off valve #1 on bypass, open shut-off valve #1 on mainline, slowly open test cock #4. If water flows freely, than bypass piping is not plugged.

Return to Service – Slowly open all shut-off valves

Record the bypass water meter reading when you are done testing

Notify appropriate parties that service is restored

Fill out test report completely, accurately, and legibly

Reduced Pressure Detector Assemblies – Type II

Notify - This may include the owner, the fire department, and/or alarm system operator.

Identify

Inspect

Observe – **Record the bypass water meter reading before testing**

Test the mainline assembly first

Close shut-off valve #2 of the bypass single check assembly

Follow same procedure as for a RP

Leave the shut-off valve #2 on the mainline assembly in closed position

Test the bypass single check assembly second

Test like any other check valve on a DCVA (you need to record a value, not that it closed tight. Value has to be above 1.0 PSID to pass)

Leave both shut-off valves (#2) in the closed position

Verify Detection of Flow through bypass

Open shut-off valve #2 of the bypass assembly

Open test cock #4 on mainline assembly*

Verify that bypass water meter indicates flow

* if test cock #4 for mainline valve is located on bypass piping you also need to verify bypass piping is not plugged by:

Close shut-off valve #1 on bypass, open shut-off valve #1 on mainline, slowly open test cock #4. If water flows freely, than bypass piping is not plugged.

Return to Service – Slowly open all shut-off valves

Record the bypass water meter reading when you are done testing

Notify appropriate parties that service is restored

Fill out test report completely, accurately, and legibly