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BATalk - is an electronic newsletter sharing important certification program information with Washington's Backflow Assembly Testers (BAT).

TESTING AND DOCUMENTING THE DCDA TYPE II

Have you ever wondered how to test and document the DCDA Type II assembly? Here is some guidance, though you should always contact your local purveyor on their specific requirements.

When testing a DCDA Type II assembly, the bypass is tested first using USC 10th Edition Field Test Procedures. The assembly should be identified as "Other" on the test report form and "Check Valve" should be written on the line next to the "Other" box. Document the bypass' unique serial number. Perform the test on the bypass check valve. The value you observe will be recorded in the #2 check valve position on the test report form. Record the line pressure, sign and date the test report form. Write "DCDA Type II Bypass Check Valve" in the comment field.

Next, test the main assembly using USC 10th Edition Field Test Procedures. The assembly should be identified as "Other" on a separate test report form and "DCDA Type II" should be recorded on the line next to the "Other" box. Record the main assembly's unique serial number (this will differ from the bypass



check valve). After performing a test on the main assembly, record the values you observe in the proper places on the test report form under DCVA. Record the line pressure, sign and date the test report form.

For more information regarding DCDA II assemblies, read [Understanding Detector Assemblies](#) in USC's Crosstalk.

THERE IS STILL TIME TO PAY YOUR 2019 RENEWAL FEE

[Renewal payments](#) for 2019 opened November 1st, 2018. Pay before the end of the day on January 22nd, 2019 to avoid a \$35 late fee. Through January 22nd, renewal payments are \$42.

Pay now to avoid any late fees!

After WCS processes your payment (usually within 10 business days), you can view and print your 2019 [validation card](#) online.

REPORTING IMPROPER INSTALLATION OF BACKFLOW ASSEMBLIES

A Cross Connection Control Specialist recently commented that Backflow Assembly Testers were not identifying instances of improper installation of a backflow assembly on the test report form. He found that many were unaware of their responsibility to identify an improper installation. The [Duties of a BAT](#) in the Washington Administrative Code specifically require a BAT to determine whether or not the backflow assembly is properly installed and to report it on the completed test report form.

Several resources are available to assist BATs in determining if an assembly is properly installed. The [Uniform Plumbing Code](#), the USC Foundation for Cross Connection Control and Hydraulic Research [list of approved assemblies](#), and even the assembly manufacturer may have specific requirements.

UPC 603.4.3 in the plumbing code addresses "Access and Clearance," such as the requirement that an assembly clearance shall not be less than 12 inches between the assembly and the floor, grade or platform. This section also addresses platforms on

assemblies that are higher than five feet above the floor or grade. UPC 603.4.9 covers "Prohibited Locations" such as installation of an RP in a pit or location with toxic or corrosive fumes.

Use the notes section of your test report form to document improper installs!

Many inline or "Y" pattern double check valve assemblies can be installed vertically with flow going up, but not vertically with flow going down, and assemblies may not be rotated on their axes. With more "N" and "U" pattern assemblies on the market it is important that a BAT ensure that an assembly is installed in an approved orientation.

Remember, as a BAT it is your duty to inform the water purveyor that an assembly is not properly installed.

Authored by Scott Hemingway of [WETRC](#)

WOMEN'S AWARDS: GLASS HAMMER AND GLASS STAIRS AWARDS

[The Glass Hammer and Glass Stairs Awards](#) opened November 1st and applications are now being accepted for these lucrative awards for women. If you know women interested in joining the backflow assembly tester field, please forward this opportunity along. First review of applications begins January 9th, 2019 so apply soon!

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