



USC University of
Southern California

**Foundation for Cross-Connection Control
and Hydraulic Research**

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Request for Evaluation – Backflow Prevention Assemblies

(Please use one sheet per model)

Date: _____

Company Name: _____ Project Contact Person: _____

Address: _____

Phone: _____ Ext: _____ Fax: _____

Email: _____ Web page address: _____

Submittal: ☐ Initial ☐ Re-submittal ☐ Production Review

Assembly submitted: Make: _____ Model: _____ Size: _____

Type: ☐ AVB ☐ DC ☐ DCDA ☐ DCDA-II ☐ RP ☐ RPDA ☐ RPDA-II ☐ PVB ☐ SVB ☐ OTHER _____

Shutoff valves: _____ (see shutoff valves on USC List of Approved Backflow Prevention Assemblies)

If other shutoff valve please note make/model _____

Evaluate per the following agency(s)* and their respective standard(s)*: ☐ USC ☐ CSA ☐ ASSE ☐ IAPMO ☐ UL

(Attach additional testing instructions if necessary) ☐ FM ☐ AWWA ☐ OTHER _____

* See page 2 for information regarding Submittals for Multiple Standards - select ☐ Option #1 ☐ Option #2

In the following orientation(s): ☐ H ☐ VU ☐ VD ☐ VUVD ☐ VDVU ☐ VDVD ☐ VUVU ☐ VUH ☐ HVD
☐ OTHER _____

See page 3 for a legend of orientations

For 2" inch and smaller assemblies we are submitting (check one):

- ☐ Three assemblies of each model and size per assembly type.
- ☐ A common body design; three assemblies of the largest size and one of the smaller size(s) for each model and size per assembly type.

For 2 1/2" inch and larger assemblies we are submitting (check one):

- ☐ One assembly of each model and size per assembly type, and an additional set of replacement parts for RP (1st and 2nd check valve seats and discs).
- ☐ A common body design with the internal components for each type, and an additional set of replacement parts for RP (1st and 2nd check valve seats and discs).

We are submitting a complete set of:

Enclosed	Previously Submitted	
<input type="checkbox"/>	<input type="checkbox"/>	Dimensioned drawings for the assembly and each of the components
<input type="checkbox"/>	<input type="checkbox"/>	Material specifications for each of the components
For Re-submittals		
<input type="checkbox"/>	<input type="checkbox"/>	Dimensioned drawings for each of the modifications/revisions
<input type="checkbox"/>	<input type="checkbox"/>	Material specifications for each of the modifications/revisions
Must be submitted before completion of Laboratory Evaluation		
<input type="checkbox"/>	<input type="checkbox"/>	Material non-toxicity certificates and documents
<input type="checkbox"/>	<input type="checkbox"/>	Engineering specification sheets and literature
Optional – Lead Free Requirement		
<input type="checkbox"/>	<input type="checkbox"/>	3rd party documentation $\leq 0.25\%$ Pb

Request for Evaluation – Assemblies Submittal for Multiple Standards

A “Request for Evaluation” form is required with each individual submittal for evaluation. A submittal may include a request to evaluate a backflow prevention assembly to multiple standards. For example, an assembly submitted may be evaluated not only under the Foundation’s standard in the Manual of Cross-Connection Control, 10th edition, but also to the latest version of standards from other agencies (i.e., American Water Works Association - AWWA, American Society of Sanitary Engineering - ASSE, Canadian Standards Association - CSA, International Association of Plumbing and Mechanical Officials - IAPMO, Underwriters Laboratory - UL or Factory Mutual - FM.)

Previous editions of some standards did not specify a particular order of the laboratory tests to be evaluated on the assembly, and as such, the laboratory test results of one standard might simultaneously be applicable for another standard(s). However, since many of the standards are now currently specifying the order of the laboratory tests, the assembly must be separately evaluated to each individual standard. Because of this, if only a single assembly for the 2 1/2” inch and larger assemblies is submitted for evaluation to multiple standards, the assembly that is being evaluated may be subjected to an excessive amount of laboratory tests. Subjecting the assembly to an excessive amount of tests may result in unacceptable test results (i.e., failures). These unacceptable test results may be due to the excessive amount of tests, and not the design of the assembly.

Please select one of the following options on the Request for Evaluation Form:

- ☐ Option #1
One (1) assembly for each make, model, and size may be submitted and evaluated to the multiple standards, or
- ☐ Option #2
Multiple assemblies for each make, model and size may be submitted so that an individual assembly is evaluated to a particular standard.

Request for Evaluation – Assemblies
Backflow Prevention Assembly Orientations

