

WASHINGTON STATE BUILDING CODE COUNCIL
APPLICATION FOR REVIEW OF A PROPOSED STATEWIDE AMENDMENT
TO THE WASHINGTON STATE BUILDING CODE
2012 Code Adoption Cycle

Log # 13-010
(office use only)

PLEASE FOLLOW INSTRUCTIONS ON PAGE FIVE

1. State Building Code to be Amended:

- | | |
|---|---|
| <input type="checkbox"/> International Building Code | <input type="checkbox"/> State Energy Code |
| <input type="checkbox"/> International Existing Building Code | <input type="checkbox"/> International Mechanical Code |
| <input type="checkbox"/> ICC ANSI A117.1 Accessibility Code | <input type="checkbox"/> International Fuel Gas Code |
| <input type="checkbox"/> International Residential Code | <input type="checkbox"/> NFPA 54 National Fuel Gas Code |
| <input type="checkbox"/> International Fire Code | <input type="checkbox"/> NFPA 58 Liquefied Petroleum Gas Code |
| <input checked="" type="checkbox"/> Uniform Plumbing Code | |

Section 603.5.6 **Page** 94

2. Applicant Name (Specific local government, organization or individual):

Washington State Department of Health, Office of Drinking Water

3. Signed:

Denise A. Clifford

Proponent

Director February 28, 2013
Title **Date**

4. Designated Contact Person:

Terri Notestine, PE
Name

Cross-Connection Control Program Lead
Title

Address: PO Box 47822

Olympia, WA 98504-7822

Office Phone: (360) 236-3133 **Cell:** ()

E-Mail address: Terri.Notestine@doh.wa.gov

5. Proposed Code Amendment. Reproduce the section to be amended. Underline all added language, strike through all deleted language. Insert any separate new sections in the appropriate place in the code in order to continue the established numbering system of the code. If more than one section is proposed for amendment or more than one page is needed for reproducing the affected section of the code, additional pages may be attached. (Please indicate number of additional pages below)

Code WAC 51-56 **Section** 603.5.6 **Page** 94

Amend section to read as follows:

Omit the term “devices” at the end of the introductory sentence. Most of the preventers listed here are testable “assemblies”. We use the term “device” for non-testable backflow preventers such as AVBs.

Are additional pages attached? Yes No

Please note number of additional pages:

Supporting Data for Statewide Amendment Proposals This information is required for all statewide amendment proposals. **Attach supporting documentation, as necessary; incomplete proposals will not be accepted.**

The SBCC requires supporting data on any amendment proposal to show:

- a. That it meets basic criteria – See Part I to specify how this proposal meets the criteria for code amendment.
- b. The intended effect—See Part II to describe the purpose of the proposed amendment, including the benefits and the problems addressed.
- c. The potential impacts or benefits on business—See Part III/Types of Construction, to explain how methods in construction businesses, industries and services would be affected.
- d. The potential impact on enforcement procedures, See Part III/Types of Services Required, to provide some analysis of the impacts on code enforcement in local jurisdictions.
- e. Economic costs and benefits – Use the Table in Part IV of this form to estimate the costs and benefits of the proposal on the construction industry, the user and/or public, the enforcement community, and operation and maintenance.

Part I ❖ Background information on amendment.

Code References: WAC 51-56-603.5.6 Title: Lawn Sprinklers and Irrigation Systems _____

Related codes: _____ (Does this amendment change other related codes?)

Proponent: Washington State Department of Health Phone: (360) 236-3133 __ Date: 2-28-2013

NOTE: State-wide and emergency state-wide amendments to the state building code must be based on one of the following criteria; please indicate the pertinent rationale for the proposed amendment by selecting from the list below:

- (1) The amendment is needed to address a critical life/safety need.
- (2) The amendment is needed to address a specific state policy or statute.
- (3) The amendment is needed for consistency with state or federal regulations.
- (4) The amendment is needed to address a unique character of the state.
- (5) The amendment corrects errors and omissions.

Part II ❖ Amendment Benefit:

PROBLEM(S) ADDRESSED (Describe the intended effect of the proposed code amendment): _____

Retained 2009 amendment language regarding backflow prevention for irrigation systems without pumps or chemical addition (or provision for either).

The previous amendment language allows DCVAs on irrigation systems when approved by the purveyor and the AHJ.

Current amendment proposes to change the names of the backflow preventers acceptable for use on irrigation systems. Changes are consistent with the “new” terminology used throughout the 2012 UPC.

PRIMARY REASON FOR AMENDMENT: (Describe how the amendment meets one of the criteria listed above) _____

We support retention of previous amendment language allowing DCVAs on irrigation systems without chemical addition or pumps.

The allowance for DCVAs on irrigation systems is a long-standing amendment and reflects the standard practices of many large water systems in Washington (especially in Eastern Washington where freezing is an issue). The amendment meets criteria 3.

TYPE OF BENEFITS PROJECTED:

Part III ❖ Amendment Impacts or Benefits:

TYPES OF CONSTRUCTION: New Construction Alteration/Tenant Improvement/Repair
 Residential-Single Family Residential-Multi Family Commercial Industrial

List businesses/industries affected by amendment

Fire Protection Industry: _____
 Specific Construction Contractors & Trades: _____
 Construction Supply Industry: _____
 Specialty Trades: _____
 Types of Buildings: _____
 Manufacturers: _____

Types of Services Required:

List any reporting, record keeping or other requirements. Indicate if equipment, material or services required by this proposal are available from multiple sources.

Part IV ❖ Amendment Costs and Benefits

Building Type	Construction ¹			Enforcement ²			Operations & Maintenance ³		
	Costs	% impact ⁴	Benefits ⁵	Costs	% impact ⁴	Benefits ⁵	Costs	% impact ⁴	Benefits ⁵
Residential									
Single family									
Multi-family									
Commercial/Retail									
Industrial									
Institutional									

¹ \$ / square foot of floor area or other cost. Attach data. **Construction** costs are costs prior to occupancy, and include both design and direct construction costs that impact the total cost of the construction to the owner/consumer.

² Cost per project plan. Attach data. **Enforcement** costs include governmental review of plans, field inspection, and other action required for enforcement.

³ Cost/benefits to building owner/tenants over the life of the project.

⁴ Cost differential over a specific size project or range of projects as determined by the proponent. Provide sufficient cost and benefit detail to clarify the impact to the Council. All data should be created and referenced to third party reputable sources for verification.

⁵ Include measurable benefit to the user and/or public from Part II.