

**WASHINGTON STATE BUILDING CODE COUNCIL**  
**APPLICATION FOR REVIEW OF A PROPOSED STATEWIDE AMENDMENT**  
**TO THE WASHINGTON STATE BUILDING CODE**

**1. State Building Code to be Amended.**

- |   |  |
|---|--|
| <input type="checkbox"/> International Building Code        | <input type="checkbox"/> Ventilation and Indoor Air Quality Code |
| <input type="checkbox"/> International Residential 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 Fire Code            | <input type="checkbox"/> NFPA 54 National Fuel Gas Code          |
| <input type="checkbox"/> Uniform Plumbing Code              | <input type="checkbox"/> NFPA 58 Liquefied Petroleum Gas Code    |
| <input checked="" type="checkbox"/> State Energy Code       |  |

**Section** 1436.2

**Page** 107

**2. Applicant:**

Eric Vander Mey, PE, LEED AP

**3. Signed:**

  
\_\_\_\_\_  
Proponent

Principal  
Title

2011-02-28  
Date

**4. Contact Person:**

Eric Vander Mey  
**Name**

Principal  
**Title**

**Address:** 1725 Westlake Avenue N, Suite 300  
Seattle, WA 98109

**Phone:** 206-285-7114      **Fax:** 206-285-7111

**5. Proposed Code Amendment** (Underline all added words, strike through deleted words) Additional pages may be attached.

**Code 2009 WSEC Section 1436.2 Page 107**

Amend section to read as follows:

1436.2 Condensate Systems: On-site steam heating systems shall have condensate water recovery. On-site includes a system that is located within or adjacent to one or more buildings within the boundary of a contiguous area or campus under one ownership and which serves one or more of those buildings.

Buildings using steam generated off-site with steam heating systems which do not have condensate water recovery shall have condensate water heat recovery.

## **6. Background information on amendment.**

**NOTE:** State-wide and emergency state-wide amendments to the state building code should be based on one of the following criteria:

- (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.

This amendment is needed to correct errors and omissions as it not enforceable to require condensate water recovery for all buildings that fit these criteria as not all buildings can use the recovered water onsite. As this is part of the energy code the intention of this section should be energy related and therefore heat recovery should be specified.

**Economic Impact Worksheet**

(Required for statewide amendment requests. Attach supporting documentation.)

Code References: 2009 WSEC Section 1436.2 Title: Principal

Proponent: Eric Vander Mey Phone: 206-285-7114 Date: 2011-02-28

**Part I ❖ Amendment Benefit:**

PROBLEM(S) ADDRESSED: Error and Omission in 2009 WSEC amendment clarifies the existing code language

PRIMARY REASON FOR AMENDMENT: (check one only)

- Protect public health, safety and welfare       Mandate from legislation or courts  
 Reduce cost       Code change  
 "Manage risk" for government      ● Other Error and Omission in Existing Code Language

TYPE OF BENEFITS PROJECTED: (check all that apply)

- Saves lives/reduces injuries       Saves energy  
 Protects/improves long-term health       Protects environment  
 Reduces construction cost:       Increases accessibility  
 Over existing code requirement       Reduces regulation  
 Canceling new code requirement       Reduces government enforcement cost  
 Off-setting new code requirement      ● Clarifies/improves existing code  
 Increases construction alternatives       Protects property loss/damage  
 Other \_\_\_\_\_

**Part II ❖ Amendment Impacts:**

TYPES OF CONSTRUCTION:    ● New Construction    ● Remodeling/Tenant Improvement/Repair

COMPLETE TABLE FOR EACH BUILDING TYPE CHECKED (See reverse for instruction on items <sup>a</sup> through <sup>e</sup>)

√	Building Type	Construction <sup>a</sup> 1st Cost		Enforcement <sup>b</sup>		Owner <sup>c</sup> Ongoing		Other		Supporting data attached
		C/S <sup>d</sup>	Degree <sup>e</sup>	C/S <sup>d</sup>	Degree <sup>e</sup>	C/S <sup>d</sup>	Degree <sup>e</sup>	C/S <sup>d</sup>	Degree <sup>e</sup>	
	Residential	C/S <sup>d</sup>	Degree <sup>e</sup>	C/S <sup>d</sup>	Degree <sup>e</sup>	C/S <sup>d</sup>	Degree <sup>e</sup>	C/S <sup>d</sup>	Degree <sup>e</sup>	✓
	Single family	NA	NA	NA	NA	NA	NA	NA	NA	
√	Multi-family		0	-	1		0	NA	NA	
√	Commercial/Retail		0	-	1		0	NA	NA	
√	Industrial		0	-	1		0	NA	NA	
√	Government/Utilities		0	-	1		0	NA	NA	
	Other: _____									

OTHER EFFECTS:

**Evaluate by number scale 0-3 (0=none, 3=significant)**

- 0 Likelihood for litigation  
0 Decrease public cooperation  
0 Disadvantage small business  
 \_\_\_ Other \_\_\_\_\_

**Evaluate by letter code**

- (Spec, Custom, Factory, Remodel, Manufact., Other, NA)  
NA Advantage one industry  
NA Disadvantage one industry

**Part III ❖ Comments and Recommendations:**

**Evaluate each by number scale 0-3 (0=none, 3=significant)**

- 0 Difficulty to Enforce      1 Cost of not adopting amendment  
0 Costs exceed Benefits      0 Degree of TAG controversy  
0 C/S Confidence level

**Evaluate Yes or No (circle one)**

- Yes Were alternative solutions considered  
 No Recommend further benefit/impact analysis  
 No Recommend future benefit/impact review