



STATE OF WASHINGTON  
**STATE BUILDING CODE COUNCIL**

Log No. 14-E11

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

- |   |   |
|---|---|
| <input type="checkbox"/> International Building Code          | <input checked="" type="checkbox"/> State Energy Code         |
| <input type="checkbox"/> ICC ANSI A117.1 Accessibility Code   | <input type="checkbox"/> International Mechanical Code        |
| <input type="checkbox"/> International Existing Building 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 type="checkbox"/> Uniform Plumbing Code                | <input type="checkbox"/> Wildland Urban Interface Code        |

**Section(s):**

2012 WSEC Section C403.6.2.6

**Title:**

Condensate

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

**Proponent:** Eric Vander Mey, PE, Rushing Company

**Title:** Principal

**Date:** 2/28/2014

**3. Designated Contact Person:**

**Name:** Eric Vander Mey

**Title:** Principal

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

**Office:** 206-285-7114

**Cell:** 206-321-1677

**E-Mail address:** ericv@rushingco.com

- 4. Proposed Code Amendment.** Reproduce the section to be amended by underlining all added language, striking through all deleted language. Insert 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. (Examples on the SBCC [website](#))

**Code(s)** 2012 WSEC

**Section(s)** C403.6.2.6

Enforceable code language must be used; see an example [by clicking here](#).  
Amend section to read as follows:

C403.2.6.2 Condensate systems. On-site steam heating systems shall have condensate water heat 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.

- 5. Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.** Specifically note any impacts or benefits to business, and specify construction types, industries and services that would be affected. Finally, please note any potential impact on enforcement such as special reporting requirements or additional inspections required.

Amendment is needed to clarify a mistake that was carried forward from the 2009 WSEC. This section is intended to state that condensate water heat recovery is required as described in the first paragraph of the section.

As this is an energy conservation code (and not a water conservation code) only energy conservation measures can be regulated. The regulations for the reuse of steam condensate for many uses are highly regulated and building operators must maintain special licenses to be a water district and do extensive testing to reuse the condensate that is recovered. This is clearly outside the regulation authority of the energy code.

- 6. Specify what criteria this proposal meets.** You may select more than one.

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

- 7. Is there an economic impact:**  Yes  No

Explain:

Amendment is needed to clarify that intent of the code is to provide steam condensate energy recovery.

If there is an economic impact, use the Table below to estimate the costs and savings of the proposal on construction practices, users and/or the public, the enforcement community, and operation and maintenance. If preferred, you may submit an alternate cost benefit analysis.

Building Type	Construction <sup>1</sup>		Enforcement <sup>2</sup>		Operations & Maintenance <sup>3</sup>	
	Costs	Benefits <sup>4</sup>	Costs	Benefits <sup>4</sup>	Costs	Benefits <sup>4</sup>
Residential	N/A	N/A	N/A	N/A	N/A	N/A
Single family	N/A	N/A	N/A	N/A	N/A	N/A
Multi-family	N/A	N/A	N/A	N/A	N/A	N/A
Commercial/Retail	N/A	N/A	N/A	N/A	N/A	N/A
Industrial	N/A	N/A	N/A	N/A	N/A	N/A
Institutional	N/A	N/A	N/A	N/A	N/A	N/A

Please send your completed proposal to: [sbcc@ga.wa.gov](mailto:sbcc@ga.wa.gov)

All questions must be answered to be considered complete. Incomplete proposals will not be accepted.

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<sup>1</sup> \$ / 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.

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

<sup>3</sup> Cost to building owner/tenants over the life of the project.

<sup>4</sup> Measurable benefit.