



Code Amendment Proposal Application

Department of Consumer & Business Services

Building Codes Division

1535 Edgewater NW, Salem, Oregon

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Oregon.gov/bcd

Read the entire code amendment proposal application before completing this form. Please complete all parts before submitting your proposal and refer to the provided checklist.

APPLICANT INFORMATION

Name: Kevin Duell

Date: 08/16/2022

Representing (if applicable): NW Natural

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City: Portland

State: OR

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PROPOSAL INFORMATION

Specialty code: ORSC

Code section(s): TABLE N1101.3

Briefly explain the subject of your proposal: Increase efficiency requirement to 94% for option 6 to make it consistent with requirement in Table N1101.1(2).. Clarify that the requirement for Natural gas/propane water heaters can be either storage or tankless for option 9

INSTRUCTIONS AND CHECKLIST

Fill in all the information above and submit this page, signed and dated, with the required supplementary information for Parts I, II, III, and IV described on page 2 of this application. This application may be submitted by mail to the mailing address above, or by email to BCD.PTSPtech@oregon.gov.

Summary checklist for the applicant:

- Part I** Code amendment language is attached in the proper format.
- Part II** Amendment proposal requirements for amending the code have been reviewed.
- Part III** Amendment proposal criteria questions have been answered and are attached.
- Part IV** If applicable, additional ORSC energy efficiency amendment proposal information is attached.

Note: One application is required for each code section you are proposing to amend. If this proposal requires changes in other sections of the code for alignment, include those changes as part of this application.

APPLICANT SIGNATURE

Signature:

Kevin Duell

Date: 8/26/2022

Copyright notice: By signing this Code Amendment Proposal Application, I understand and acknowledge that the work contained in this application is original, or if not original, I have the right to copy the work. By signing this work, I understand that any rights I may have in this work, including any form of derivative works and compilations, are assigned to the Department of Consumer and Business Services Building Codes Division. I also understand that I do not retain or acquire any rights once this work is used in a Department of Consumer and Business Services Building Codes Division publication.

PART I – CODE AMENDMENT LANGUAGE

**TABLE N1101.3
SMALL ADDITION ADDITIONAL MEASURES (select one)**

6	Replace existing 80-percent AFUE or less gas furnace with a 92 <u>94</u> percent AFUE or greater system.
9	Replace existing water heater with a water heater meeting: Natural gas/propane <u>storage or tankless/instantaneous</u> water heater with minimum UEF 0.90 <u>UEF</u> , or Electric heat pump water heater with minimum 3.5 UEF.

Part III – CODE AMENDMENT PROPOSAL CRITERIA

Proposal

1. Describe the concept and purpose of this proposal. Increase efficiency requirement to 94% for option 6 to make it consistent with requirement in Table N1101.1(2). Clarify that the requirement for Natural gas/propane water heaters can be either storage or tankless for option 9
2. What problem in the existing Oregon code or national model code is this proposal solving? How does this amendment address the issue? If you have evidence demonstrating the problem, submit that information. Increases efficiency for a gas furnace and clarifies language in option 9.
3. Has this been proposed at the national model code level. If so, explain when it was proposed, what happened, and why it was not adopted. Provide all associated national model code hearing information and background. This is different than the format in national model code which is anticipated to move to a credit table. However, the 94% AFUE for gas furnaces is consistent with the requirement in the national model code.

Implementation and fiscal impact

1. Explain how the proposed provisions would be enforced? Are additional inspections or permits required? Describe any necessary equipment, training, tests or special certifications. No enforcement problems or other additional inspections, permits, equipment, training or special certifications needed.
2. What is the fiscal impact of this proposal? Provide a cost benefit analysis and include the resources or methods you used to determine the fiscal impact. Negligible first cost increase for 94% compared to 92% furnace.

Impacted stakeholders and other specialty codes

1. It is important that proposals be shared with stakeholders that will be impacted by them. Was this proposal developed with people or organizations likely to be affected by it? Has it been reviewed or shared with people or organizations likely to be affected by it? If so, who, and if not, why not? Proposal was reviewed by OHBA. They were supportive and didn't see issues that would affect their constituency.
2. Does this proposal impact other specialty codes or statewide programs? We don't believe so.