



# Code Amendment Proposal Application

Department of Consumer & Business Services

Building Codes Division

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**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: Steve Strawn

Date: 08-19-2022

Representing (if applicable): JELD-WEN Inc.

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State: OR

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## PROPOSAL INFORMATION

Specialty code: Oregon Residential Specialty Code

Code section(s): NA1109 Table NA1109.2

Briefly explain the subject of your proposal: Updates the Basis for Comparison Table to be consistent with the IECC

## 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](mailto: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:

Date: 08-19-2022

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PART II - ALTERNATIVE SYSTEMS ANALYSIS

**TABLE NA1109.2 BASIS FOR COMPARISON**

<b>INPUT PARAMETERS FOR ANALYSIS</b>		
<b>Parameter</b>	<b>Proposed Building</b>	<b>Code Baseline</b>
<b>Building Envelope</b>		
Opaque construction materials	As designed	Code minimum
Fenestration performance	As designed	Code minimum
Shading devices	As designed	<del>Same as proposed</del> <u>None</u>
Window area	As designed	Same as proposed
<u>Window orientation</u>	<u>As designed</u>	<u>Equally distributed to four cardinal compass orientations (N, E, S &amp; W)</u>
Skylight area	As designed	Same as proposed
Building orientation	As designed	Same as proposed
Solar gain	As designed	Same as proposed
Building infiltration	0.3 ACH Natural	Same as proposed

Reason: Proper window orientation and shading are a critical element in passive solar design. Designers who take advantage of this approach should receive efficiency credit toward performance-based compliance. The included changes are consistent with the IECC (Table R405.4.2(1)) and have been part of the IECC for over a decade.

Cost impact: There is no additional cost of construction that would result from this proposed amendment.