



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: Steve Strawn

Date: 08-19-2022

Representing (if applicable): JELD-WEN Inc

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Cell phone: 5037324425

City: Oregon City

State: OR

Zip: 97045

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PROPOSAL INFORMATION

Specialty code: Oregon Residential Specialty Code

Code section(s): NF1113 Insulating Glass

Briefly explain the subject of your proposal: Updates the insulating glass durability standards and certification entity requirements.

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:

Date: 18-19-2022

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.

Modified proposal language submitted by proponent Oct. 18, 2022:

PART III

FENESTRATION STANDARD

SECTION NF1113

~~INSULATED~~ **INSULATING** GLASS CERTIFICATION

NF1113.1 General. Sealed ~~insulated~~ **insulating** glass units shall conform to, ~~or be in test for, ASTM E774-97 Standard Practice for Evaluating Solar Absorptive Materials for Thermal Applications, as Class A under a Sealed Insulated Glass Manufacturers Association (SIGMA) approved certification program and installed in accordance with the SIGMA glazing specifications.~~ **ASTM E 2190-19 Standard Specification for Insulating Glass Unit Performance and Evaluation and shall be certified by an accredited insulating glass unit certification program.**

Reason: This proposal is simply an update to insulating glass durability standards and to the referenced certification program. The reference standard, ASTM E774-97 Standard Specification for the Classification of the Durability of Sealed Insulating Glass Units was withdrawn in 2006. IGMA was formed in October 2000 because of the merger between the Sealed Insulating Glass Manufacturers Association (SIGMA) and the Insulating Glass Manufacturers Association of Canada (IGMAC). The IGMA and IGCC Certification Programs were combined to also include the ASTM E2190 standard in 2007. IGMA subsequently merged with the American Architectural Manufacturers Association (AAMA) in 2020 and is now the Fenestration and Glazing Industry Alliance (FGIA).

The IECC does not include the requirement for insulating glass certification because the NFRC certification program requirements include insulating glass certification provisions. However, for this Chapter of the Oregon Residential Specialty Code, Chapter 11 Energy Efficiency, Section N1104.4.1 provides for all fenestrations shall be labeled as a NFRC certified product, or a state approved label for products produced in low volume. For those products produced in low volume that are exempt from testing (NF1114.2 item 1) the need for insulating glass certification is still needed to assure insulating glass durability for long-term energy performance.

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

Original proposal submitted Aug. 19, 2022

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~~INSULATED~~ **INSULATING** GLASS CERTIFICATION

NF1113.1 General. Sealed ~~insulated~~ **insulating** glass units shall conform to, ~~or be in test for, ASTM E774-97 Standard Practice for Evaluating Solar Absorptive Materials for Thermal Applications, as Class A under a Sealed Insulated Glass Manufacturers Association (SIGMA) approved certification program and installed in accordance with the SIGMA glazing specifications,~~ **ASTM E 2190-19 Standard Specification for Insulating Glass Unit Performance and Evaluation and shall be certified by an approved third-party certification program.**

Reason: This proposal is simply an update to insulating glass durability standards and to the referenced certification program. The reference standard, ASTM E774-97 Standard Specification for the Classification of the Durability of Sealed Insulating Glass Units was withdrawn in 2006. IGMA was formed in October 2000 because of the merger between the Sealed Insulating Glass Manufacturers Association (SIGMA) and the Insulating Glass Manufacturers Association of Canada (IGMAC). The IGMA and IGCC Certification Programs were combined to also include the ASTM E2190 standard in 2007. IGMA subsequently merged with the American Architectural Manufacturers Association (AAMA) in 2020 and is now the Fenestration and Glazing Industry Alliance (FGIA).

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