ANSI/APA PRS 610.1-2018 (Recirculation Ballot 2018-1-R1)

**Ballot issue date: 02/11/2018 Ballot closing date: 02/20/2018**

**Ballot Instructions:**

1. This is a **7-day recirculation ballot for Ballot 2018-1** that was issued on 11/10/17 and closed 12/15/17.
2. Ballot 2018-1 passed with a negative vote and 3 affirmative with comment votes.  Two of the affirmative with comment votes were subsequently changed to affirmative votes. The ExSub contacted the negative voter, reviewed those comments, and unanimously approved the attached ballot resolutions and authorized the issuance of this Recirculation Ballot 2018-1-R1, which is identical to Ballot 2018-1.  **ANSI requires this ballot be recirculated, as included in this Recirculation Ballot 2018-1-R1, to afford all members of the Committee an opportunity to respond, reaffirm, or change their vote.**
3. If this recirculation ballot do not affect your previous vote on Ballot 2018-1, you can either confirm your vote by returning this ballot or do nothing (your previous vote will be considered as your vote on this recirculation ballot). However, it is encouraged that you return this ballot to avoid any ambiguity.
4. If the changes in this recirculation ballot do affect your previous vote, you must cast your new vote by returning this ballot. A written explanation and proposed resolution is not required, but encouraged, if you vote “Negative” or “Affirmative-with-Comment.” If you would like to provide comments, please use the comment form.
5. Please return your ballot by e-mail to [borjen.yeh@apawood.org](mailto:borjen.yeh@apawood.org).

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|  |  |  |  |  |
| Committee Member Name | | Signature (not required with e-mail) | | Date |

**Ballot** (Aff = affirmative; Aw/C = affirmative with comment; Neg = negative; Abst = abstention)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Description | Aff | Aw/C | Neg | Abst |
| 2018-1-R1 | Revise PRS 610.1 as shown. |  |  |  |  |

**Ballot Comment Form for ANSI/APA PRS 610.1-2018 (Recirculation Ballot 2018-1-R1)**

Required only for Negative or Affirmative-with-Comment

**Please attach this page to the e-mail ballot return**

|  |  |
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| Item | Comments |
| 2018-1-R1 |  |

ANSI/APA PRS 610.1 Revisions

Recirculation Ballot 2018-1-R1 (1 item)

Notations: Inserted Text New Text

Deleted Text ~~Old Text~~

**Item 2018-1-R1: Revise the standard as follows (Note: This recirculation ballot is identical to the previous Ballot 2018-1)**

**Rationale:** The revisions contain routine updates as a re-approval process of the ANSI standard. ISO/IEC 65-1996 and ISO/IEC 17020-1998 have been completely transitioned into ISO/IEC 17065-2012 and ISO/IEC 17020-2012, respectively, since the PRS 610.1 standard was published in 2013. In addition, the term of “panel thickness” in Sections 5.1.3 and 5.2 has been updated to “Performance Category,” which has been adopted in DOC PS1 and PS2, and the building codes for more than 8 years.

**Ballot:**

**2.1 ASTM Standards:**

*C203-05a (2012) Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation*

*C272/C272M-~~12~~16 Standard Test Method for Water Absorption of Core Materials for Sandwich Constructions*

*C273/C273M-~~11~~16 Standard Test Method for Shear Properties of Sandwich Core Materials*

*C297/C297M-~~04 (2010)~~16 Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions*

*C393/C393M-~~11e1~~16 Standard Test Method for Core Shear Properties of Sandwich Constructions by Beam Flexure*

*C578-~~12a~~17a Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation*

*D1621-~~10~~16 Standard Test Method for Compressive Properties of Rigid Cellular Plastics*

*D1622-~~08~~14 Standard Test Method for Apparent Density of Rigid Cellular Plastics*

*D1623-~~09~~17 Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics*

*D2126-~~09~~15 Standard Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging*

*D2915-~~10~~17 Standard Practice for Sampling and Data-Analysis for Structural Wood and Wood-Based Products*

*D4761-~~11~~13 Standard Test Methods for Mechanical Properties of Lumber and Wood-Base Structural Material*

*D7446-09 (2017) Standard Specification for Structural Insulated Panel (SIP) Adhesive for Laminating Oriented Strand Board (OSB) to Rigid Cellular Polystyrene Thermal Insulation Core Materials*

*E72-~~10~~15 Standard Test Methods of Conducting Strength Tests of Panels for Building Construction*

*E84-~~12b~~17 Standard Test Method for Surface Burning Characteristics of Building Materials*

*E96/E96M-~~10~~16 Standard Test Methods for Water Vapor Transmission of Materials*

*E1803-~~06~~14 Standard Test Methods for Determining Structural Capacities of Insulated Panels*

*E2126-11 Standard Test Methods for Cyclic (Reversed) Load Test for Shear Resistance of Vertical Elements of the Lateral Force Resisting Systems for Buildings*

*F1667-~~11ae1~~17 Specification for Driven Fasteners: Nails, Spikes, and Staples*

**2.2 Other Standards and Referenced Documents:**

*CAN/ULC-S102-10 Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies*

*CAN/ULC-S102.2-10 Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies*

*CAN/ULC S701.1~~-11~~:2017 Standard for Thermal Insulation, Polystyrene Boards ~~and Pipe Covering~~*

*CSA O121-~~M1978 (R2008)~~17 Canadian Douglas Fir Plywood*

*CSA O151-~~09~~17 Canadian Softwood Plywood*

*CSA O325-~~07~~16 Construction Sheathing*

*FM 4880 (~~2005~~R2007) American National Standard for Evaluating Insulated Wall or Wall and Roof/Ceiling Assemblies, Plastic Interior Finish Materials, Plastic Exterior Building Panels, Wall/Ceiling Coating Systems, Interior and Exterior Finish Systems*

*NFPA 286-~~11~~15 Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth*

*PS 1-09 Structural Plywood*

*PS 2-10 Performance Standard for Wood-Based Structural-Use Panels*

*PS 20-~~10~~15 American Softwood Lumber Standard*

*UL 723-08 ~~(20~~08~~)~~ Test for Surface Burning Characteristics of Building Materials*

*UL 1040-96 Fire Test of Insulated Wall Construction – with Revisions through September 2007*

*UL 1715-97 Fire Test of Interior Finish Material – with Revisions through April 2008*

**2.3 International Standards:**

*~~ISO Guide 65-1996 General Requirements for Bodies Operating Product Certification Systems~~*

*ISO/IEC 17011-2004 Conformity Assessment – General Requirements for Accreditation Bodies Accrediting Conformity Assessment Bodies*

*~~ISO/IEC 17020-1998 General Criteria for the Operation of Various Types of Bodies Performing Inspection~~*

*ISO/IEC 17020-2012 Conformity Assessment – Requirements for the Operation of Various Types of Bodies Performing Inspection*

*ISO/IEC 17025-2005 General Requirements for the Competence of Testing and Calibration Laboratories*

*ISO/IEC 17065-2012 Conformity Assessment – Requirements for Bodies Certifying Products, Processes and Services*

**3.2 Description of Terms Specific to This Standard**

*Qualified Certification Agency (Canada) –* an agency meeting the following requirements:

….. (a) to (d) no changes

(e) is accredited by a recognized accreditation body under ~~ISO Guide 65 or~~ ISO/IEC 17065

***5.1.3 Facing Materials***

Facing materials shall be 7/16~~-inch (11-mm) thick~~ Performance Category wood structural panels composed of oriented strand board (OSB) or plywood….(no change in the remainder of this clause)

**5.2 Method B (Empirical Full-Scale Test Method)**

SIPs shall be permitted to be qualified based on empirical full-scale SIP tests specified in this section. When using this qualification method, core materials, facings, and adhesives shall meet the following requirements.

.….. (a) and (b) no changes

(c) Facing materials shall be a minimum of 7/16~~-inch (11-mm) thick~~ Performance Category wood structural panels composed of oriented strand board (OSB) or plywood….(no change in the remainder of this clause)