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| Oregon Specification Change Request**Date submitted to TAG Committee****Submitted by**Jose Ruiz- Chair of Weatherization Specification Committee**Based on** **Total items for review**2 Spec Change Request**Relevant Specification:**8.04: Combustion appliance inspection and testing**Proposed Standard:**BPI-1200 Combustion Appliance Inspection Protocol**Difference between proposed and existing standard:** More accurate testing. Simpler more standardized approach.**Specific impacts proposed standard will have:**Improve accuracy of combustion diagnostic testing. Simplify testing protocols. Use the same standardized testing industry groups are using**Reasoning/Justification:**DOE conducted a 2015 work group and study that concluded current draft pressure criteria is not a good indicator of combustion safety failure. Appliance vent configuration and other factors have a significant impact on the resistance to depressurization induced spillage and that a single value for a depressurization guideline for safe venting may incorrectly identify a large fraction of passes or failures.NFGC, ACCA, BPI, NREL SWS have all removed draft testing and maximum depressurization limits (HDL). Not because testing was easier but because it was more accurate and safer.Backdrafting requires greater depressurization than spillage, so spillage should happen first. Homes that failed draft also failed spillage.We need to be putting into practice the same procedure we are being taught. Not only is the Oregon method less safe but it adds confusion for those technicians trying to perform the testing.I also propose:Revising Appendix B: Building Airtightness Test Form and Appendix U: Diagnostic Testing Data Form.Remove Appendix K: Minimum Acceptable Draft Pressures, Appendix L: Worst Case Depressurization Test, Appendix M: HDL’s, Appendix N: Spillage & Draft testing, Appendix O: Carbon monoxide (CO) Test. **Relevant SWS reference(s):**NREL SWS Combustion Safety Testing**ITEM #2.****Relevant Specification:**Safety Glazing Requirements, #8 Other Glazed Panels**Proposed Standard:**Adding the fourth condition listed on 2019 Oregon Structural Specialty Code, section 2406.4.3 \*The Top Edge of the glass is more than 36” above the floor or ground.**Difference between proposed and existing standard:** Will ensure we are also meeting Oregon Structural Specialty Code, and or could be installing glazed panels when not needed if all four are not met.**Specific impacts proposed standard will have:**Will align our spec with structural specialty code.**Reasoning/Justification:**Oregon Structural Specialty Code has been in effect since 2014 regarding window glazing. This will help all Auditors/QCI through out the State to uphold the same standard across the board.**ITEM #3****Relevant Specification:****Proposed Standard:****Difference between proposed and existing standard:** **Specific impacts proposed standard will have:****Reasoning/Justification:****Personnel in attendance** |
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