MEMORANDUM

TO: Joint Committee on Sustainable Carpet
FROM: Matthew Realff, Chairperson
DATE: December 10, 2014
SUBJECT: Proposed revision to NSF/ANSI 140 – Sustainability Assessment - Carpet

On behalf of Fareed Ferhut, issue proponent, draft 2 of NSF/ANSI 140 issue 26, revision 3 is being forwarded to the Joint Committee for balloting. Please review the changes proposed to this standard and submit your ballot by January 14, 2015 via the NSF Online Workspace.

Please note that if you do not return a vote for this revised ballot, your last recorded vote from the previous draft revision will remain in effect.

Purpose

The purpose of this ballot is to update the reference in 6.3.2 to the most current version for VOCs.

Background

The issue was proposed at a 2014 JC meeting and motioned to ballot. This revision addresses one correction from revision 2 in that the language affected multiple sections of the standard.

Public Health Impact

The proposed language will have a positive impact on public health by testing to the most current methodology.

If you have any questions about the technical content of the ballot, you may contact me in care of:

Matthew Realff, Chairperson, Joint Committee
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6.3.2 Minimization of indoor volatile organic chemical (VOC) emissions (prerequisite for gold and platinum)

A manufacturer may earn one point by meeting this requirement. The maximum concentration for any chemical emitted at 96 h in emissions tests (following a ten-day conditioning period) shall not result in a modeled indoor air concentration greater than half the chronic reference exposure level (CREL) established by California Office of Environmental Health Hazard Assessment (OEHHA), except formaldehyde, which shall be the full CREL, 9 µg/m³, nor exceed half the OEHHA indoor reference exposure level (REL). Testing shall be in accordance with CA/DHS/EHLB/R-174 the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, published in February 2010.

NOTE – Compliance with this requirement can be met through participation and compliance with the CRI Green Label Plus Program.

6.3.5 Reduction in chemical and pollutant emissions

6.3.5.1 Minimization of indoor formaldehyde emissions

A manufacturer may earn one point for meeting this requirement for the product being certified. The maximum concentration for formaldehyde emitted at 96 h in emissions tests (following a 10-d conditioning period), shall not result in a modeled indoor air concentration greater than half the chronic reference exposure level (CREL) established by California Office of Environmental Health Hazard Assessment (OEHHA). Testing shall be in accordance with CA/DHS/EHLB/R-174 the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, published in February 2010. Test results in accordance with Green Label Plus methodology (e.g., 24 h test results) for formaldehyde should be below a modeled concentration of 16 µg/m³ at 24 h to ensure that formaldehyde emissions would not exceed the ½ CREL of 4.5 µg/m³ after 10-d conditioning and at 96 h.