GG242-14
806.6, 806.6.1 (New), 806.6.2 (New)

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Revise as follows:

806.6 Insulation. Insulation shall comply with Section 806.6.1 and 806.6.2. A minimum of 85 percent of insulation shall comply with the requirements of Table 806.6(1) or Table 808.6(2). The test methodology used to determine compliance shall be from CDPH/EHLB/Standard Method V.1.1, Standard Method for Testing VOC Emissions From Indoor Sources, dated February 2010. The emissions testing shall be performed by a laboratory that has the CDPH/EHLB/Standard Method V.1.1 test methodology in the scope of its ISO 17025 Accreditation.

Add new text as follows:

806.6.1 VOC emissions. A minimum of 85 percent of insulation shall comply with the requirements of Table 806.6(1) or Table 806.6(2). The test methodology used to determine compliance shall be from CDPH/EHLB/Standard Method V.1.1. The emissions testing shall be performed by a laboratory that has the CDPH/EHLB/Standard Method V.1.1 test methodology in the scope of its ISO 17025 Accreditation.

806.6.2 Halogenated flame retardants. A minimum of 50 percent by volume of insulation shall not contain halogenated flame retardants.

Reason: All foam plastic insulation available in the U.S. today contains halogenated flame retardants (HFRs). Because of growing awareness and concerns about known and suspected human health and environmental impacts, HFRs are increasingly included on lists of chemicals to be excluded or reduced in built projects. These lists include those developed by leading national and international architecture and engineering firms, green rating and certification programs, building owners, and other groups and organizations.

There are many alternative insulation materials without halogenated flame retardants currently available on the market. However, because there are applications for which foam plastic insulation provides certain preferred or needed performance characteristics, limiting the percentage of insulation containing HFRs allows their use where needed or preferred while reducing the potential hazards associated with HFRs overall by encouraging the use of insulating materials that do not contain these chemicals.

Bibliography:


Links to the above research reports, and other supporting documentation are available for viewing and download at: http://saferinsulation.org/bibliography/.

**Cost Impact:** Will not increase the cost of construction.