

GG210-14

505.2.5

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Revise as follows:

505.2.5 Indigenous materials. Indigenous materials or components shall be composed of resources that are recovered, harvested, extracted ~~and~~or manufactured within a 500 mile (800 km) radius of the building site. Where only a portion of a material or product is recovered, harvested, extracted ~~and~~or manufactured within 500 miles (800 km), only that portion shall be included. Where resources are transported by water or rail, the distance to the building site shall be determined by multiplying the distance that the resources are transported by water or rail by 0.25, and adding that number to the distance transported by means other than water or rail.

Reason: The green building codes cited below define the "regional" or "indigenous" materials differently than the IgCC. Specifically, all the other green codes permit materials to be: recovered, harvested, extracted "**OR**" manufactured within 500 miles. The IgCC uses the terms: recovered, harvested, extracted "**AND**" manufactured within 500 miles.

This code change proposal will make the calculation of indigenous materials more harmonious with other green codes/standards, such that manufacturers can make a distance claim in a consistent fashion.

2010 Title 24, Part 11, California Green Building Standards Code (CALGreen, including July 1, 2012 Supplement)

A5.405.1 Regional materials. Compared to other products in a given product category, select building materials or products for permanent installation on the project that have been harvestedor manufactured in California or within 500 miles of the project site.

2012 National Green Building Standard (ICC 700)

Section 202. Regional Material.

REGIONAL MATERIAL. Material that is originated, produced, grows naturally, ~~o~~ccurs naturally within 500 miles (804.7 km) of the construction site if transported by truck or 1500 miles (2414 km) of the construction site if transported for not less than 80% of the total transport distance by rail or water.

ANSI/ASHRAE/USGBC/IES Standard 189.1-2011 (as referenced in the 2012 IgCC)

9.4.1.2 Regional Materials. A minimum of 15% of building materials or products used, based on cost, shall be regionally extracted/harvested/recovered or manufactured within a radius of 500 mi (800 km) of the project site.

Cost Impact: Will not increase the cost of construction. There is no anticipated construction cost increase as a result of approving this code proposal.

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