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## **Center Applauds Proposed ASHRAE Minimum Required Roof Insulation Levels**

**Washington D.C.** – The Center for Environmental Innovation in Roofing (Center) commends the American Society of Heating, Refrigerating and Air-Conditioning Engineers' (ASHRAE) recent proposal calling for increased minimum prescriptive R-values (resistance to heat flow) for roof and wall insulation levels. This new proposed 2010 version of ASHRAE Standard 90.1 mandates R-value increases across the board in all North American climate zones. The proposed increases signify a move toward more sustainable and energy efficient construction practices, which increasingly are demanded by both public and private consumers.

The proposed version of the new 2010 ASHRAE Standard 90.1 for above deck insulation levels for non-residential buildings by climate zone are:

<b>CLIMATE ZONE</b>	<b>2010 Proposed Prescriptive Roof Insulation R-Values</b>	<b>Percentage Increase Over Standard 90.1 2007</b>
Zone 1	R-20	33% increase from R-15
Zone 2 and 3	R-25	20% increase from R-20
Zones 4, 5 and 6	R-30	50% increase from R-20
Zones 7 and 8	R-35	75% increase from R-20

Craig Silvertooth, executive director of the Center, explains that “given the typical commercial building is approximately 25,000 square feet and the vast majority of these buildings are low rise, where the roof area is the prevailing component of the building envelope, the proposed increases in roof thermal performance stand to benefit building owners, and the public at large, by cutting our energy consumption. This reduces our reliance on foreign sources of energy and saves consumers money during these difficult economic times.”

Headquartered in Washington, DC, the Center for Environmental Innovation in Roofing is a not-for-profit 501 (c)(6) organization, whose mission is to promote the roofing knowledge base, development and use of environmentally responsible, high performance roof systems.

For more information on the Center, visit [www.RoofingCenter.org](http://www.RoofingCenter.org) , or contact the Center directly at (202) 380-3371.