DOCUMENT ADDENDA

For the documents titled: **LEED 2009 for Schools New Construction and Major Renovations Rating System** *(November 2008)*

Note: This document contains addenda to the rating system listed above and will be published on a quarterly basis beginning in April 2010. For more information, visit the USGBC website http://www.usgbc.org/addenda.

Page	Location	Credit	Credit Title	Issue	Post Date
n/a	n/a	n/a	n/a	Replace all instances of "[LEED] Registered Project Tools [website]" with "LEED Resources & Tools [website]"; the website (www.usgbc.org/projecttools) remains unchanged	1/8/2010
n/a	n/a	n/a	n/a	Replace all instances of "LEED-Online" with "LEED Online"	1/8/2010
xiv	First paragraph	n/a	n/a	Replace the second, third and fourth paragraphs with the following text: LEED for Schools must be used for the new construction or major renovation of an academic building. While LEED for Schools was designed for K-12 facilities, it may also be used for postsecondary academic buildings or prekindergarten buildings. Please see the Rating System Selection Policy, located in the LEED resources section of www.usgbc.org, for more information about choosing a rating system.	4/14/2010
18	For Exterior Lighting	SSc8	Light Pollution Reduction	Replace the first paragraph with the text: Light areas only as required for safety and comfort. Exterior lighting power densities shall not exceed those specified in ANSI/ASHRAE/IESNA Standard 90.1-2007 with Addenda 1 for the documented lighting zone. Justification shall be provided for the selected lighting zone. Lighting controls for all exterior lighting shall comply with section 9.4.1.3 of ANSI/ASHRAE/IESNA Standard 90.1-2007, without amendments[1].	4/14/2010
18	Footnote	SSc8	Light Pollution Reduction	Replace the entire text with: [1] The requirement to use ASHRAE Addenda I is unique to this credit and does not obligate Project teams to use ASHRAE approved addenda for other credits.	4/14/2010

Page	Location	Credit	Credit Title	Issue	Post Date
61	Requirements	IEQp3	Minimum Acoustical Performance	Replace the text in the box with the following: **(see below text)**	4/14/2010

(text relating to above issue)

Background Noise

Achieve a maximum background noise level[1] from heating, ventilating and air conditioning (HVAC) systems in classrooms and other core learning spaces of 45 dBA.

AND

Reverberation Time

Design classrooms and other core learning spaces to include sound-absorptive finishes to sufficiently limit reverberation in classrooms and other core learning spaces.

CASE 1. Classrooms and Core Learning Spaces < 20,000 Cubic Feet

For classrooms and core learning spaces less than 20,000 cubic feet, options for compliance include:

Option 1: Minimum NRC

For each room, confirm that the total surface area finished with a material with a Noise Reduction Coefficient (NRC) of 0.70 or higher equals or exceeds the total ceiling area (excluding lights, diffusers and grilles).

OR

Option 2: Compliance with ANSI Standard S12.60-2002

Confirm through calculations described in ANSI Standard S12.60-2002 that rooms are designed to meet reverberation time requirements as specified in that standard.

CASE 2. Classrooms and Core Learning Spaces ≥ 20,000 Cubic Feet

For classrooms and core learning spaces 20,000 cubic feet or greater, confirm through calculations described in ANSI Standard S12.60-2002 that rooms are designed to have a reverberation time of 1.5 seconds or less.

[1] Recommended methodologies and best practices for mechanical system noise control are described in Annex B of ANSI Standard S12.60-2002 and the 2007 HVAC Applications ASHRAE Handbook, Chapter 47 on Sound and Vibration Control (with errata but without addenda).

Page	Location	Credit	Credit Title	Issue	Post Date
64	CASE 2	IEQc2	Increased Ventilation	In the paragraph, remove the text: Design natural ventilation systems for occupied spaces to meet the recommendations set forth in the Chartered Institution of Building Services Engineers (CIBSE) Applications Manual 10: 2005, Natural Ventilation in Non-domestic Buildings.	4/14/2010
64	CASE 2	IEQc2	Increased Ventilation	At the end of the paragraph, replace the period with a colon and insert the text “2005, Natural Ventilation in Non-domestic Buildings.”	4/14/2010
64	OPTION 1	IEQc2	Increased Ventilation	Replace the paragraph text with: Show that the natural ventilation systems design meets the recommendations set forth in the CIBSE manuals appropriate to the project space. PATH 1. CIBSE Applications Manual 10: 2005, Natural Ventilation in Non-domestic Buildings. PATH 2. CIBSE AM 13:2000, Mixed Mode Ventilation.	12/2/2009
69	CREDIT 4.3	IEQc4	Low-Emitting Materials	At the end of the paragraph, add the following text: Mineral-based finish flooring products such as tile, masonry, terrazzo, and cut stone without integral organic-based coatings and sealants and unfinished/untreated solid wood flooring qualify for credit without any IAQ testing requirements. However, associated site-applied adhesives, grouts, finishes and sealers must be compliant for a mineral-based or unfinished/untreated solid wood flooring system to qualify for credit.	4/14/2010
76	OPTION 2	IEQc8.1	Daylight and Views – Daylight	In the first line of the second paragraph, replace “below” with “on the next page” so the text becomes “For the Side-lighting Daylight Zone (see diagram on the next page):”	4/14/2010
77	Text below image	IEQc8.1	Daylight and Views – Daylight	In the first line, replace “above” with “on the next page” so the text becomes “For Top-lighting Daylight Zone (see diagram on the next page):”	4/14/2010

Page	Location	Credit	Credit Title	Issue	Post Date
83	Requirements	IDc1	Innovation in Design	Below the text of the "PATH 2" section text, insert the following section: Path 3. Pilot Credit (1 point) Attempt a pilot credit available in the Pilot Credit Library at www.usgbc.org/pilotcreditlibrary. Register as a pilot credit participant and complete the required documentation. Projects may pursue more than 1 pilot credit; however, a maximum of 1 point will be awarded.	4/14/2010

Note: The online version of the Rating System (http://www.usgbc.org/ShowFile.aspx?DocumentID=7248) takes precedent over the Rating System portions of the LEED Reference Guides in project guidance and application; project teams are required to adhere to the Rating System and Rating System addenda in accordance with the project's registration date.