



# DOCUMENT ADDENDA

For the document titled: **LEED Reference Guide for Green Interior Design and Construction, 2009 Edition**

*Note: This document contains minor LEED Reference Guide for Green Interior Design and Construction addenda and will be published on a monthly basis as necessary. In 2010, the LEED Reference Guide addenda and Rating System addenda will be published as separate documents on a quarterly basis. Any overlapping issues that are included in both documents are noted with an asterisk and footnote. LEED Rating System and/or Reference Guide addenda may be submitted through the “Feedback” link at the bottom of the LEED Online v3 website <http://www.leedonline.com>, or by clicking the red feedback button in the top right of the screen once logged in.*

Page	Section	Credit	Credit Title	Issue	Date Posted
ii	Disclaimer	n/a	n/a	In the fourth line of the third paragraph, replace the text “20036” with “20037” so it becomes “Washington, DC 20037”	November 2, 2009
xiv	When to Use LEED for Commercial Interiors	n/a	n/a	In the first paragraph, remove the last sentence, “Tenants who lease their space or do not occupy the entire building are eligible.”	November 2, 2009
xx	IX. Tools for Registered Projects, Licensed Professional Exemption Form	n/a	n/a	In the third paragraph of the page, replace the text so it becomes the following: “Licensed Professional Exemption. Licensed Professional Exemptions (LPEs) can be used by a project team’s registered professional engineer, registered architect, registered interior designer, or registered landscape architect as a streamlined path for documenting certain credits, or bypassing otherwise-required submittals. License information and an Exemption Signature in LEED Online are required to document each exemption the project team wishes to claim. Licensed Professional Exemptions are noted in the corresponding credit documentation section of LEED Online.”	November 2, 2009
5*	Path 2	SSc1	Site Selection	In the last line of the first paragraph, remove the “D” in the text so it becomes “...predevelopment 1 year 24-hour rate...”	November 2, 2009
15	Equation 2	SSc1	Site Selection	In the box, replace the numerator “Total Pervious Area (sf)” with “Total Impervious Area (sf)”	November 2, 2009
15	8. Example	SSc1	Site Selection	In the eighth line of the paragraph, replace the text “47%” with “55%” so it becomes “...an imperviousness of 55% and the...”	November 2, 2009

Page	Section	Credit	Credit Title	Issue	Date Posted
45	4. Implementation	SSc1	Site Selection	In the third line of the first paragraph, insert a “be” between the words “should” and “treated” so the text becomes “...on-site wastewater should be treated...”	November 2, 2009
59	3. Summary of Referenced Standard	SSc1	Site Selection	Below the section title, replace the “ñ” of “ANSI/ASHRAE/IESNA 90.1ñ2007” with a dash so the text becomes “ANSI/ASHRAE/IESNA 90.1-2007”	November 2, 2009
60	4. Implementation, Technologies	SSc1	Site Selection	In the fifth line of the second paragraph, replace the word “note” with “not” so the text becomes “...on-site but does not store...”	November 2, 2009
66	4. Implementation	SSc1	Site Selection	Remove the entire section’s text and replace with: <b>See below text</b>	November 2, 2009
<p><b>(text relating to above issue)</b></p> <p>Choose a base building that has achieved an environmental performance characteristic for at least 1 credit found in another LEED rating system, but not listed in Option2, Paths 1 through 11 or that has achieved an additional point for exemplary performance, as appropriate, in the credit listed in Option2, Paths 1 through 11. Innovation in Design credits that are not addressed by existing credits in other LEED rating systems will also be considered.</p> <p>For projects attempting to earn a point for this path by achieving an environmental performance characteristic for at least 1 credit not listed in listed in Option2, Paths 1 through 11. The Eligibility Criteria that selected credits must meet include:</p> <ul style="list-style-type: none"> <li>• applicability to the entire building or site;</li> <li>• demonstration of an ongoing performance impact (environmental, health, etc.); and</li> <li>• selection of credits that are unaddressed by the LEED for Green Interior Design and Construction, 2009 Edition and found in the applicable LEED 2009 Rating Systems, such as LEED for Green Building Design and Construction, 2009 Edition and LEED for Green Building Operations and Maintenance, 2009 Edition or that have overlapping strategies with credits found in the LEED-CI Rating System, but are qualified by the notes provided below to prevent double-counting.</li> </ul>					

Per the criteria listed above, specific guidance has been provided for select credits below:

**Table: Pre-approved credits for use with LEED-CI SSc1, Option 2, Path 12**

LEED 2009 for New Construction Credits	Conditions for Use
SSc4.3: Alternative Transportation - Low-Emitting and Fuel Efficient Vehicles	No special conditions apply
EAp1: Fundamental Commissioning of Building Energy Systems	Eligible if project meets the following conditions: 1. The project is located within a building that is less than 5 years old. 2. The project scope (tenant scope) does not include HVAC&R systems as they are a part of the base building system. 3. Project area is less than 50% of the total building area.
EAc3: Enhanced Commissioning	Eligible if project meets the following conditions: 1. The project is located within a building that is less than 5 years old. 2. The project scope (tenant scope) does not include HVAC&R systems as they are a part of the base building system. 3. Project area is less than 50% of the total building area.
EAc4: Enhanced Refrigerant Management	No special conditions apply
EAc5: Measurement and Verification	Eligible if project meets the following conditions: 1. The project scope (tenant scope) does not include HVAC&R systems as they are part of the base building system. 2. Project area is less than 75% of the total building area. 3. The tenant shares common spaces in the building, such as lobby, corridors, and restrooms.

<b>LEED 2009 for Existing Buildings: Operations and Maintenance Credits</b>	<b>Conditions for Use</b>
SSc2: Building Exterior and Hardscape Management Plan	No special conditions apply
SSc3: Integrated Pest Management, Erosion Control, and Landscape Management Plan	No special conditions apply
SSc5 Site Development – Protect or Restore Open Habitat	No special conditions apply
WEc4: Cooling Tower Water Management	No special conditions apply
EAp1: Energy Efficiency Best Management Practices – Planning, Documentation, and Opportunity Assessment	Eligible if project meets the following conditions: 1.The project is located within a building that is 5 years or older. 2.The project scope (tenant scope) does not include HVAC&R systems as they are a part of the base building system. 3.Project area is less than 50% of the total building area.
EAc1: Optimize Energy Performance	No special conditions apply
EAc2.1: Existing Building Commissioning – Investigation and Analysis	Eligible if project meets the following conditions: 1.The project is located within a building that is 5 years or older. 2.The project scope (tenant scope) does not include HVAC&R systems as they are a part of the base building system. 3.Project area is less than 50% of the total building area.
MRc6: Sustainable Purchasing - Reduced Mercury in Lamps	No special conditions apply
MRc7: Sustainable Purchasing- Food	No special conditions apply
MRc8: Solid Waste Management –Durable Goods	No special conditions apply
EQp3: Green Cleaning Policy	No special conditions apply
EQc1.1: Indoor Quality Best Management Practices – Indoor Air Quality Management Program	No special conditions apply
EQc3.6: Green Cleaning – Indoor Integrated Pest Management	No special conditions apply

For projects attempting to earn a point for this credit by achieving exemplary performance for eligible credits in SS Credit 1, Option 2, Paths 1 through 11, documentation of exemplary performance must be provided. The same approach can be taken for Innovation in Design credits that are not included in Option 2, Paths 1 through 11, however, these credits must meet the 4 Eligibility Criteria listed above.

A maximum of 1 additional point can be awarded if the specified threshold is achieved.

Page	Section	Credit	Credit Title	Issue	Date Posted
70	Economic Issues	SSc2	Development Density and Community Connectivity	In the sixth line of the paragraph, remove the “D” in the text so it becomes “...of physical activity both of...”	November 2, 2009
74	Equation 2	SSc2	Development Density and Community Connectivity	Above the image of a sample area plan, replace “Figure 1” with “Figure 2”	November 2, 2009
75	Table 3	SSc2	Development Density and Community Connectivity	In the fifteenth line of Table 3 with the text “Total Building Space,” add a “5” to the end of the number “1,018,36” so it becomes “1,018,365”	November 2, 2009
75	11. Operations and Maintenance Considerations	SSc2	Development Density and Community Connectivity	In the first line of the paragraph, insert the word “poor” between “have” and “air” so the text becomes “Densely developed communities may have poor air quality...”	November 2, 2009
82	Option 1	SSc3.1	Alternative Transportation – Public Transportation Access	In the second line of the paragraph, remove the word “through” so the text becomes “...personal automobile use by providing...”	November 2, 2009
82	Option 2	SSc3.1	Alternative Transportation – Public Transportation Access	In the third line of the paragraph, remove the apostrophe after the word “Policy” so the text becomes “...Clean Air Policy has found...”	November 2, 2009
99*	Intent	WEp1	Water Use Reduction	In the paragraph, replace the word “buildings” with “tenant space” so the text becomes “...within the tenant space to reduce...”	November 2, 2009
99*	Requirements	WEp1	Water Use Reduction	In the paragraph, replace the word “buildings” with “tenant space” so the text becomes “...calculated for the tenant space (not...”	November 2, 2009
103	Table 1	WEp1	Water Use Reduction	In the eighth row of the table, remove the text “and janitor” so it becomes “Kitchen sink faucets”	November 2, 2009

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105	Table 2	WEp1	Water Use Reduction	Replace the table with two tables so it becomes:  (see below tables)	November 2, 2009																																																													
<p>(tables relating to above issue)</p> <p><b>Table 2a. Non-residential Default Fixture Uses, by Occupancy Type</b></p> <table border="1"> <thead> <tr> <th rowspan="2">Fixture Type</th> <th rowspan="2">Duration (sec)</th> <th colspan="3">Uses / Day</th> </tr> <tr> <th>FTE</th> <th>Transient (Student / Visitor)</th> <th>Retail Customer</th> </tr> </thead> <tbody> <tr> <td>Water Closet (Female)</td> <td>n/a</td> <td>3</td> <td>0.5</td> <td>0.2</td> </tr> <tr> <td>Water Closet (Male)</td> <td>n/a</td> <td>1</td> <td>0.1</td> <td>0.1</td> </tr> <tr> <td>Urinal (Female)</td> <td>n/a</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Urinal (Male)</td> <td>n/a</td> <td>2</td> <td>0.4</td> <td>0.1</td> </tr> <tr> <td>Lavatory Faucet *</td> <td>15*</td> <td>3</td> <td>0.5</td> <td>0.2</td> </tr> <tr> <td>Shower</td> <td>300</td> <td>0.1</td> <td>0</td> <td>0</td> </tr> <tr> <td>Kitchen Sink</td> <td>15</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>* Default duration is 12 seconds for lavatory faucet with autocontrol</p> <p><b>Table 2b. Residential Default Fixture Uses</b></p> <table border="1"> <thead> <tr> <th>Fixture Type</th> <th>Duration (sec)</th> <th>Uses / Day</th> </tr> </thead> <tbody> <tr> <td>Water Closet (Female)</td> <td>n/a</td> <td>5</td> </tr> <tr> <td>Water Closet (Male)</td> <td>n/a</td> <td>5</td> </tr> <tr> <td>Lavatory Faucet</td> <td>60</td> <td>5</td> </tr> <tr> <td>Shower</td> <td>480</td> <td>1</td> </tr> <tr> <td>Kitchen Sink</td> <td>60</td> <td>4</td> </tr> </tbody> </table>						Fixture Type	Duration (sec)	Uses / Day			FTE	Transient (Student / Visitor)	Retail Customer	Water Closet (Female)	n/a	3	0.5	0.2	Water Closet (Male)	n/a	1	0.1	0.1	Urinal (Female)	n/a	0	0	0	Urinal (Male)	n/a	2	0.4	0.1	Lavatory Faucet *	15*	3	0.5	0.2	Shower	300	0.1	0	0	Kitchen Sink	15	1	0	0	Fixture Type	Duration (sec)	Uses / Day	Water Closet (Female)	n/a	5	Water Closet (Male)	n/a	5	Lavatory Faucet	60	5	Shower	480	1	Kitchen Sink	60	4
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167	4. Implementation, Option 1	EAc1.3	Optimize Energy Performance – HVAC	In the first two paragraphs, replace the text so it becomes the following: “The equipment efficiency approach draws from Sections 1.4, 2.9, and 3.10 of the Advanced Buildings Core Performance Guide. Section 1.4 covers mechanical system design intended to closely match actual building loads and to meet ASHRAE 55; Section 2.9 covers specifications for mechanical equipment efficiency requirements; Section 3.10 addresses control of variable-speed drives.  Follow the requirements laid out in the Core Performance Guide to reduce operating costs and energy use and to maximize efficiency and occupants' comfort.”	November 2, 2009
209	Overview, Credit Timing	MR	n/a	In the third line of the second paragraph, insert spaces between words so text becomes “...influence on earning MR Credits 1.2: Building Reuse-Maintain 40% or 60% of Interior Nonstructural...”	November 2, 2009
209	Overview, Table 1	MR	n/a	In the second row titled “Mechanical,” replace all instances of “x2” with “x1”	November 2, 2009
241	6. Calculations	MRC3.2	Materials Reuse – Furniture and Furnishings	In the third line of the paragraph, remove “furniture, furnishings components” so the text becomes “Exclude artwork, interior plants, and musical instruments.”	November 2, 2009
241	Equation 1	MRC3.2	Materials Reuse – Furniture and Furnishings	In the box, replace all instances of “(sf)” with “(\$)” so the text becomes “Replacement Value of Reused Furniture and Furnishings (\$) / Total Value of New and Reused Furniture and Furnishings (\$)”	November 2, 2009
268	1. Benefits and Issues to Consider, Environmental Issues	MRC7	Certified wood	In fifth line of the paragraph, insert spaces between the words of the text so it becomes “...perspective, the elements of responsible FSC-certified forestry include sustainable timber harvesting...”	November 2, 2009
281*	Requirements	IEQp1	Minimum Indoor Air Quality Performance	Insert the text “Meet the minimum requirements of Section 4 through 7 of ASHRAE Standard 62.1-2007, Ventilation for Acceptable Indoor Air Quality (with errata but without addenda^1).”	November 2, 2009

Page	Section	Credit	Credit Title	Issue	Date Posted
281*	Case 1	IEQp1	Minimum Indoor Air Quality Performance	In the first paragraph, remove lines one and two of the text "Meet the minimum requirements of Section 4 through 7 of ASHRAE Standard 62.1-2007, Ventilation for Acceptable Indoor Air Quality (with errata but without addenda^1)."	November 2, 2009
281*	Case 2	IEQp1	Minimum Indoor Air Quality Performance	Remove the second paragraph, as follows: <b>(see below text)</b>	November 2, 2009
<p><b>(text relating to above issue)</b></p> <p>Modify or maintain existing building outside-air ventilation distribution system to supply at least the outdoor air ventilation rate required by ASHRAE Standard 62.1-2007 (with errata but without addenda1). If the project team cannot meet the outside air requirements of ASHRAE Standard 62.1-2007 (with errata but without addenda), document the space and system constraints that make it not possible, complete an engineering assessment of the system's maximum cubic feet per minute (cfm) capability toward meeting the requirements of ASHRAE Standard 62.1-2007 (with errata but without addenda1), and achieve those levels,with a minimum of 10 cfm per person. All other requirements must be met.</p>					
283	4. Implementation	IEQp1	Minimum Air Quality Performance	In the second line of the third paragraph, replace "EA" with "IEQ" so the text becomes "...compliance with IEQ Prerequisite 2..."	November 2, 2009
284	Mechanically Ventilated Spaces	IEQp1	Minimum Indoor Air Quality Performance	In the third line of the first paragraph, replace the word "rocedure" with "procedure" so the text becomes "...ventilation rate procedure is..."	November 2, 2009
300	CO2 Monitoring	IEQc1	Outdoor Air Delivery Monitoring	In first sentence, remove extra period at end of sentence	November 2, 2009
308	Mechanically Ventilated Spaces: Ventilation Rate Procedure	IEQc2	Increased Ventilation	In the third line of the first paragraph, remove the comma before the end of the period at the end of sentence	November 2, 2009
308	Mechanically Ventilated Spaces: Ventilation Rate Procedure	IEQc2	Increased Ventilation	In the third line of the first paragraph, insert the word "is" between "procedure" and "easier" so the text becomes "...rate procedure is easier to..."	November 2, 2009
309	Naturally Ventilated Spaces	IEQc2	Increased Ventilation	In the first line of the second paragraph, replace the word "hrough" with "through" so the text becomes "...flow rates through each..."	November 2, 2009
317	4. Implementation	IEQc3.1	Construction Indoor Air Quality Management Plan – During Construction	In the third line of the paragraph, remove second period after "...(e.g., collection bins..." so the text becomes "...(e.g., collection bins..."	November 2, 2009

Page	Section	Credit	Credit Title	Issue	Date Posted
326	Figure 1	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	To the left side of graph, remove a zero from the number “60000” so it becomes “6000”	November 2, 2009
327	Flush-Out Procedure	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In the second line of the third paragraph on the page, replace the word “tooccupy” with “to occupy” so the text becomes “...preparing to occupy a space...”	November 2, 2009
338	3. Summary of Referenced Standards, Green Seal Standard GS-11	IEQc4.2	Low-Emitting Materials – Paints and Coatings	In the fourth line of the paragraph, remove the text “...Tables 1 and 2 summarize Green Seal Standard GS-11”	November 2, 2009
368	4. Implementation	IEQc6.1	Controllability of Systems – Lighting	In the second line of the first paragraph, replace the word “forspecific” with “for specific” so the text becomes “...consideration for specific tasks...”	November 2, 2009
414	Footnote 15	IEQp2	Environmental Tobacco Smoke (ETS) Control	In the footnote that references Figure 2 on page 295 of IEQp2, at the end the text add the following: “This information is subject to change based on the ongoing indoor smoking legislation of each state.”	November 2, 2009
437	Glossary, Green cleaning	n/a	n/a	Replace the term description of “Green cleaning” with new text so it becomes “ <b>Green cleaning</b> is the use of cleaning products and practices that have lower environmental impacts and more positive indoor air quality impacts than conventional products and practices.”	November 2, 2009
437	Glossary	n/a	n/a	Insert the term “Hospitality” in alphabetical order with the accompanying text “ <b>Hospitality</b> is the business of providing temporary residence to customers, such as a hotel”	November 2, 2009

Page	Section	Credit	Credit Title	Issue	Date Posted
443-444	Glossary	n/a	n/a	<p>In alphabetical order, insert the terms:</p> <p><b>Preproject</b> is before the LEED project was initiated, but not necessarily before any development or disturbance took place. Pre-project conditions describe conditions on the date the developer acquired rights to a majority of the buildable land on the project site through purchase or option to purchase.</p> <p><b>Private or private use</b> applies to plumbing fixtures in residences, apartments, and dormitories, to private (non-public) bathrooms in transient lodging facilities (hotels and motels), and to private bathrooms in hospitals and nursing facilities.</p> <p><b>Public or public use</b> applies to all buildings, structures, or uses that are not defined as private or private use.</p>	November 2, 2009
449	Glossary, Waste disposal	n/a	n/a	In the term description, remove the phrase “dumping at sea”	November 2, 2009

\*The purpose of these Rating System changes within the Rating System portions of the *LEED Reference Guide for Green Interior Design and Construction* is to create alignment with the online Rating System at <http://www.usgbc.org/ShowFile.aspx?DocumentID=5545>.

Note: The online version of the Rating System takes precedent over the Rating System portions of the LEED Reference Guides in project guidance and application.