



Indian Green Building Council
Greening India since 2001

IGBC Green New Building Rating System - Version 3.0

(Abridged Reference Guide)

Fifth Addendum - September 2016

- ❖ *Applicable to all registered projects under IGBC Green New Building Rating System - Version 3.0, since the launch in July 2014*
- ❖ *Precertified/ Provisionally certified projects can show compliance as per the Fifth Addendum as and when they come for Certification*



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Page No.	Credit Number / Location		Addendum																				
8	Introduction	Certification Level	<p>The various levels of rating awarded are as below:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th align="center">Certification Level</th> <th align="center">Recognition</th> </tr> </thead> <tbody> <tr> <td align="center">Certified</td> <td align="center">Best Practices</td> </tr> <tr> <td align="center">Silver</td> <td align="center">Outstanding Performance</td> </tr> <tr> <td align="center">Gold</td> <td align="center">National Excellence</td> </tr> <tr> <td align="center">Platinum</td> <td align="center">Global Leadership</td> </tr> </tbody> </table>	Certification Level	Recognition	Certified	Best Practices	Silver	Outstanding Performance	Gold	National Excellence	Platinum	Global Leadership										
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10, 18	Introduction	Certification Level	<p>The threshold criteria for certification levels are as under:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th align="center">Certification Level</th> <th align="center">Owner-occupied Buildings</th> <th align="center">Tenant-occupied Buildings</th> <th align="center">Recognition</th> </tr> </thead> <tbody> <tr> <td align="center">Certified</td> <td align="center">40 – 49</td> <td align="center">40 – 49</td> <td align="center">Best Practices</td> </tr> <tr> <td align="center">Silver</td> <td align="center">50 – 59</td> <td align="center">50 – 59</td> <td align="center">Outstanding Performance</td> </tr> <tr> <td align="center">Gold</td> <td align="center">60 – 74</td> <td align="center">60 – 74</td> <td align="center">National Excellence</td> </tr> <tr> <td align="center">Platinum</td> <td align="center">75 - 100</td> <td align="center">75 - 100</td> <td align="center">Global Leadership</td> </tr> </tbody> </table>	Certification Level	Owner-occupied Buildings	Tenant-occupied Buildings	Recognition	Certified	40 – 49	40 – 49	Best Practices	Silver	50 – 59	50 – 59	Outstanding Performance	Gold	60 – 74	60 – 74	National Excellence	Platinum	75 - 100	75 - 100	Global Leadership
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24	SA Cr 3	<p>Passive Architecture</p> <p>Compliance Options:</p> <ul style="list-style-type: none"> ❖ Option 2: Prescriptive Approach <p><u>Existing text</u></p> <ul style="list-style-type: none"> ➤ Skylights: <ul style="list-style-type: none"> At least 5% of roof area* have skylights <p><u>New text</u></p> <ul style="list-style-type: none"> ➤ Skylights: <ul style="list-style-type: none"> Skylights shall comply with the maximum U-factor and maximum SHGC requirements as prescribed in Energy Conservation Building Code 2007 (ECBC), Table 4.6: Skylight U-Factor and SHGC Requirements <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th colspan="2">Maximum U-factor</th> <th colspan="2">Maximum SHGC</th> </tr> <tr> <th>Climate Zone</th> <th>With Curb</th> <th>Without Curb</th> <th>0 - 2% SRR</th> <th>2.1 - 5% SRR</th> </tr> </thead> <tbody> <tr> <td>Composite</td> <td>11.24</td> <td>7.71</td> <td>0.40</td> <td>0.25</td> </tr> <tr> <td>Hot and Dry</td> <td>11.24</td> <td>7.71</td> <td>0.40</td> <td>0.25</td> </tr> <tr> <td>Warm and Humid</td> <td>11.24</td> <td>7.71</td> <td>0.40</td> <td>0.25</td> </tr> <tr> <td>Moderate</td> <td>11.24</td> <td>7.71</td> <td>0.61</td> <td>0.40</td> </tr> <tr> <td>Cold</td> <td>11.24</td> <td>7.71</td> <td>0.61</td> <td>0.40</td> </tr> </tbody> </table> <p><i>SRR: Skylight Roof Ratio which is the ratio of the total skylight area of the roof, measured to the outside of the frame, to the gross exterior roof.</i></p>		Maximum U-factor		Maximum SHGC		Climate Zone	With Curb	Without Curb	0 - 2% SRR	2.1 - 5% SRR	Composite	11.24	7.71	0.40	0.25	Hot and Dry	11.24	7.71	0.40	0.25	Warm and Humid	11.24	7.71	0.40	0.25	Moderate	11.24	7.71	0.61	0.40	Cold	11.24	7.71	0.61	0.40
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32	SSP Cr 3	<p>Low-emitting Vehicles</p> <p>Compliance Options:</p> <p><u>New Compliance Option:</u></p> <p>❖ Charging Facilities for Low-emitting Vehicles</p> <p>Provide charging facilities for low-emitting vehicles within the site, to cater atleast 5% of the total parking capacity (excluding visitor parking).</p> <p><i>Note:</i> <i>Charging facilities for low-emitting vehicles include electric, Compressed Natural Gas (CNG), bio-diesel, etc.,</i></p>



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37	SSP Cr 6	Heat Island Reduction, Non-roof	<p>The point given below is added in 'Notes' under Compliance Option for 'Option 1: Non-roof Impervious Areas'</p> <ul style="list-style-type: none">Exposed non-roof area need not include utility areas such as areas covered with DG sets, transformer, STP etc.,
45	SSP Cr 9	Universal Design Compliance options: Text change	<p><u>Existing text</u></p> <p>Design the building / campus to provide the following, as applicable, for differently abled and senior citizens in accordance with the guidelines of the National Building Code (NBC) of India 2005.</p> <p><u>New text</u></p> <p>Design the building / campus to provide the following, for differently abled and senior citizens in accordance with the guidelines of the National Building Code (NBC) of India 2005.</p>



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45	SSP Cr 9	<p>Universal Design</p> <p>Compliance options:</p>	<p>Existing text</p> <p>Restrooms (toilets) in common areas designed for differently abled people. (Provide at least one restroom for the first 100 building occupants and one additional for every 250 occupants thereafter or as defined by local byelaw)</p> <p>New text</p> <p>Restrooms (toilets) in common areas designed for differently abled people. (Provide at least one restroom in the building or as defined by the local byelaw, in an easily accessible location)</p>
51	WC MR 1	<p>Rainwater Harvesting, Roof & Non-roof</p> <p>Compliance options:</p> <p>Case B: High Ground Water Table</p>	<p>Case B: High Ground Water Table</p> <p>Existing Text:</p> <p>In areas where the Central / State Ground Water Board does not recommend artificial rain water recharge (or) if the groundwater table is less than 4 meters, the project is required to provide justification for not implementing rainwater harvesting system.</p> <p>New Text:</p> <p>In areas where the Central / State Ground Water Board does not recommend artificial rain water recharge (or) if the groundwater table is less than 8 meters, the project is required to provide justification for not implementing rainwater harvesting system.</p>



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59	WC Cr 3	<p>Rainwater Harvesting, Roof & Non-roof</p> <p>Compliance options:</p> <p>Case B: High Ground Water Table</p>	<p>Case B: High Ground Water Table</p> <p>Design rainwater harvesting system to capture at least ‘one-day rainfall*’ runoff volume from roof and non-roof areas.</p> <p>* One-day rainfall can be derived from ‘percentage of average peak month rainfall’ given in the Table below:</p> <table border="1"> <thead> <tr> <th rowspan="2">S No</th> <th rowspan="2">Average Peak Month Rainfall (mm)</th> <th colspan="4">One-day Rainfall (% of Average Peak Month Rainfall)</th> </tr> <tr> <th>2 points</th> <th>3 points</th> <th>4 points</th> <th>Exemplary Performance</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Upto 250</td> <td>6%</td> <td>9%</td> <td>12%</td> <td>15%</td> </tr> <tr> <td>2</td> <td>251 – 350</td> <td>5%</td> <td>7.5%</td> <td>10%</td> <td>12.5%</td> </tr> <tr> <td>3</td> <td>351 – 500</td> <td>4%</td> <td>6%</td> <td>8%</td> <td>10%</td> </tr> <tr> <td>4</td> <td>501 – 700</td> <td>3%</td> <td>4.5%</td> <td>6%</td> <td>7.5%</td> </tr> <tr> <td>5</td> <td>701 & above</td> <td>2%</td> <td>3%</td> <td>4%</td> <td>5%</td> </tr> </tbody> </table>	S No	Average Peak Month Rainfall (mm)	One-day Rainfall (% of Average Peak Month Rainfall)				2 points	3 points	4 points	Exemplary Performance	1	Upto 250	6%	9%	12%	15%	2	251 – 350	5%	7.5%	10%	12.5%	3	351 – 500	4%	6%	8%	10%	4	501 – 700	3%	4.5%	6%	7.5%	5	701 & above	2%	3%	4%	5%
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88	EE Cr 5 Commissioning, Post-installation of Equipment & Systems Note:	<u>Existing Text:</u> In tenant-occupied buildings, if commissioning of building equipment & systems is not in the developer scope, then this credit cannot be attempted. <u>New text:</u> In tenant-occupied buildings, if commissioning of project’s high side air-conditioning equipment is not in the developer scope, then this credit cannot be attempted.”
109	IEQ Cr 2 Daylighting Notes:	The point given below is added in ‘Notes’ under Compliance Option: Project with multiple buildings (including projects with common basement) must independently meet the Daylighting criteria for each building.
111	IEQ Cr 3 Outdoor Views Notes:	The point given below is added in ‘Notes’ under Compliance Option: Project with multiple buildings (including projects with common basement) must independently meet the Outdoor Views criteria for each building.