



IGBC Green Homes Rating System – Version 3.0



First Addendum – June 2021

- ❖ **Applicable to all registered projects under IGBC Green Homes Rating System – Version 3.0**
- ❖ **Precertified/ Provisionally certified projects can show compliance as per the First Addendum as and when they come for Certification.**



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Page No.	Credit Name	Addendum
For both Precertification and Certification, submit a common declaration letter from the project developer/ owner specifying all the details of proposed green measures to be implemented in the project during the course of construction and handover process.		
Submit all relevant drawings in CAD and PDF formats.		
29	SD Credit 1 Natural Topography or Vegetation : 15 %, 25% (Ground), 30%, 40% (Ground + Built structures)	Notes: <ul style="list-style-type: none">• Creepers shall not be considered as vegetation on built structures.• Tree canopy area over hardscape/non-roof surfaces cannot be considered for calculations in Natural Topography or Vegetation.
30	SD Credit 2 Heat Island Effect, Non-roof & Roof	Light coloured paver blocks with SRI of at least 29 and not higher than 64/ Grass pavers/ Shade from tree cover shall be considered for Heat Island Effect, Non-roof compliance. Notes: <ul style="list-style-type: none">• Monolithic floor surfaces/finishes (concrete flooring) shall not be considered to meet the compliance for Non-roof area.
36	SD Credit 5 Green Parking Facility	Electric charging facility In addition to electric charging facility through plug loads, projects installing Rapid Charging facility shall consider charging hours as 12 hours per day and accordingly derive at number of vehicles charged during these 12 hours.



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41	SD Credit 8 Green Education & Awareness	Documentation Required: Precertification 1. Declaration from owner stating the schedule of awareness sessions planned 2. Photographs of the signages displayed in construction site, as applicable 3. Project brochure submitted to RERA <ul style="list-style-type: none"> • Projects under RERA (Real Estate Regulatory Act) shall submit project brochure acknowledged by RERA. • In case, the project is applying for Green Building certification prior to RERA, the project team shall submit brochure highlighting the green measures proposed in the project and strategies (with supporting documents) to circulate the same to occupants/buyers. • Projects which are not applicable under RERA shall submit project brochure highlighting the green measures proposed in the project and strategies (with supporting documents) to circulate the same to occupants/buyers. 																															
44 52	WC Mandatory Requirement 1 & WC Credit 1 Water Efficient Plumbing Fixtures	<p align="center">Baseline Flow Rates / Capacity as per Uniform Plumbing Code of India (UPCI)</p> <table border="1" data-bbox="846 951 2060 1385"> <thead> <tr> <th>Fixture</th> <th>Type Maximum Flow Rate / Capacity</th> <th>Duration</th> <th>Daily Uses per Person/ Day</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Water Closets</td> <td>6 LPF (High flush)</td> <td>1 Flush</td> <td>1</td> </tr> <tr> <td>3 LPF (High flush)</td> <td>1 Flush</td> <td>4</td> </tr> <tr> <td>Health Faucet/ Bidet, Hand-held spray*</td> <td>6 LPM</td> <td>15 Seconds</td> <td>1</td> </tr> <tr> <td>Faucet/ taps*</td> <td>6 LPM</td> <td>15 Seconds</td> <td>8</td> </tr> <tr> <td>Kitchen Sink*</td> <td>6 LPM</td> <td>15 Seconds</td> <td>6</td> </tr> <tr> <td>Urinal*</td> <td>4 LPM</td> <td>1 flush</td> <td>2</td> </tr> <tr> <td>Showerhead* / Hand-held Spray*</td> <td>10 LPM</td> <td>8 Minutes</td> <td>1</td> </tr> </tbody> </table> <p align="right">* At a design pressure of 4 bar</p>	Fixture	Type Maximum Flow Rate / Capacity	Duration	Daily Uses per Person/ Day	Water Closets	6 LPF (High flush)	1 Flush	1	3 LPF (High flush)	1 Flush	4	Health Faucet/ Bidet, Hand-held spray*	6 LPM	15 Seconds	1	Faucet/ taps*	6 LPM	15 Seconds	8	Kitchen Sink*	6 LPM	15 Seconds	6	Urinal*	4 LPM	1 flush	2	Showerhead* / Hand-held Spray*	10 LPM	8 Minutes	1
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54	WC Credit 2	The credit compliance is applicable only if 15% of site area is vegetated on ground/roof area.								
57	WC Credit 3 Management of Irrigation System	<p>Minimum landscape requirement for credit applicability:</p> <ul style="list-style-type: none"> • Large projects (BUA > 10 lakh sq. ft.) shall have minimum landscape area on ground/roof area for 8% of total site area. • Small projects (BUA < 10 lakh sq. ft.) and Individual homes shall have minimum landscape area on ground/roof area for 10% of total site area. 								
61	WC Credit 5 Water Quality	<p>Project having water distribution from only municipal source shall submit the test report for water quality meeting the CPCB norms are deemed to meet the credit compliance.</p> <p>Project having water distribution from multiple sources (ground water, tanker water, etc.,) shall install water treatment plant for treating potable water.</p>								
70	Mandatory Requirement 2 Minimum Energy Performance EE	<p>Option 1 – Prescriptive Approach</p> <p>Building Envelope:</p> <ul style="list-style-type: none"> ❖ Wall Assembly: <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Climate Zone</th> <th>Maximum U value (W/m²K)</th> </tr> </thead> <tbody> <tr> <td>Composite & Hot-Dry</td> <td>1.8</td> </tr> <tr> <td>Warm-Humid</td> <td>2.0</td> </tr> <tr> <td>Temperate</td> <td>2.2</td> </tr> </tbody> </table> <p>Option 2 – Simulation Approach</p> <ul style="list-style-type: none"> • Refer Annexure – VI: Procedure for Building Energy Simulation 	Climate Zone	Maximum U value (W/m ² K)	Composite & Hot-Dry	1.8	Warm-Humid	2.0	Temperate	2.2
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75	EE Credit 1 Enhanced Energy Performance	<p>Option 2 – Simulation Approach</p> <ul style="list-style-type: none"> • Refer Annexure – VI: Procedure for Building Energy Simulation 								



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86	EE Credit 4 Energy Efficiency in Common Area Equipment	Motors: <ul style="list-style-type: none">The minimum efficiency of Motors shall be BEE 4-star rated Motors (or) International Efficiency with class 3 (IE 3)
101	MR Credit 6 Alternative Construction Materials	This credit refers to use of alternative construction materials i.e., materials that can completely replace the use of natural materials with a new material having lesser environmental impacts. Notes: <ul style="list-style-type: none">Materials with recycled content cannot be considered under this credit. Eg., Fly-ash and ready-mix concrete cannot be considered as Alternative Construction Materials.Materials viz., construction curing compounds reducing water usage, GGBS, Artificial sand/aggregate, gypsum plaster, etc., can be considered
124	RHW Credit 3 Cross Ventilation	Notes: <ul style="list-style-type: none">Main door/door opening into approach corridor/ common lobby cannot be considered for cross ventilation.Window openings/ventilators into common lobby with permanent opening to exterior can be considered to meet the credit requirement.



128	<p>RHW Credit 5</p> <p>Low VOC Materials, Paints & Adhesives</p>	<p>Low VOC Materials, Paints & Adhesives</p> <p>Compliance Options:</p> <ul style="list-style-type: none"> ❖ Use paints and coatings with low or no VOC content for 100% of interior wall and ceiling surface area. (1 point) <p style="text-align: center;">(AND/OR)</p> <ul style="list-style-type: none"> ❖ For adhesives and sealants used within the interiors, ensure that the VOC content does not exceed the limits as specified in the table below. (1 point) <p style="text-align: center;">Table 9 - VOC Limits for Materials</p> <table border="1" data-bbox="999 691 1906 1257"> <thead> <tr> <th>Type of material</th> <th>VOC Limit (g/L less water)</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="text-align: center;">Paints:</td> </tr> <tr> <td>Non-flat (Glossy) paints</td> <td>150</td> </tr> <tr> <td>Flat (Mat) paints</td> <td>50</td> </tr> <tr> <td>Anti-corrosive/ anti-rust paints</td> <td>250</td> </tr> <tr> <td>Varnish</td> <td>350</td> </tr> <tr> <td colspan="2" style="text-align: center;">Adhesives:</td> </tr> <tr> <td>Glazing adhesive</td> <td>100</td> </tr> <tr> <td>Tile adhesives</td> <td>65</td> </tr> <tr> <td>Wood adhesive</td> <td>30</td> </tr> <tr> <td>Wood flooring adhesive</td> <td>100</td> </tr> </tbody> </table>	Type of material	VOC Limit (g/L less water)	Paints:		Non-flat (Glossy) paints	150	Flat (Mat) paints	50	Anti-corrosive/ anti-rust paints	250	Varnish	350	Adhesives:		Glazing adhesive	100	Tile adhesives	65	Wood adhesive	30	Wood flooring adhesive	100
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132	Innovation	<p>Green Cleaning Policy/ Use of Green Housekeeping Products</p> <p>Projects intending to apply this credit shall submit documentation indicating that the project shall be maintained by the developer at least for a period of 3 years after project completion.</p> <p>Documents required:</p> <p>Precertification:</p> <ul style="list-style-type: none">• Declaration letter from the developer/managing director highlighting that the project shall be maintained by the developer for at least 3 years after completion.• Cut sheet/ technical data sheet of the shortlisted products along with purchase invoice.• Tenant guidelines indicating the use green housekeeping products and procedural requirement of Operational Staff and Training <p>Certification:</p> <p>Submit documents same as mentioned in precertification level. Additionally, submit a copy of the purchased order and photographs of the green housekeeping products.</p>
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