



HIMACHAL PRADESH **GREEN STAR RATING INITIATIVE FOR HOTELS** Him-GRIH हिम-गृह



HP STATE POLLUTION CONTROL BOARD

Him Parivesh, Phase-III, New Shimla-171009

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1. Introduction

The global concern regarding Climate Change has led Governments and Civil Societies to encourage environmentally sustainable behaviour. The Himachal Pradesh State Pollution Control Board (HPSPCB) has launched the Himachal Pradesh Green Star Rating Initiative for Hotels (Him-GRIH) program, which is an attempt to recognise tourism units that are committed to conserving and protecting Himachal Pradesh's environment, by awarding them 3 to 5 Green Stars as per their green initiatives. The primary goal of this program is to create awareness in the tourism industry regarding best practices and standards they may adopt to operate in an environmentally sustainable manner.

Tourists visit Himachal Pradesh from across the country and around the globe throughout the year. In order to cater to them, entrepreneurs have established hotels and resorts of various scales. There are more than 4000 hotels and numerous homestays in the State. However, these establishments and the tourism associated activities have an additional impact on the environment. In addition, as most of the State has a mountainous terrain, any increase in infrastructure potentially contributes to the fragility of the ecological balance. Him-GRIH is aimed at encouraging the tourism industry in the State to adopt a sustainable development model.

2. The Need for Him-GRIH

The HPSPCB is undertaking the Him-GRIH program as a participatory method to encourage tourism units such as hotels and homestays to adopt sustainable methods as well as to conduct self-audit. The program shall be able to achieve the following:

- **Leadership commitment:** This program shall ensure that the owners and management of the tourism units are aware of the provisions they can adopt. Participating in this program shall provide an affirmation and commitment towards creating a greener State.
- **Training and Capacity Building:** This program shall include training of the staff of the hotels to educate them about various methods and practices which can make them decrease wastage and adopt efficient ways of operation. Further, the staff would be engaged in the self-audit process which would help them to develop a holistic outlook on these issues.
- **Cost Reduction:** Adoption of green methods may require an initial investment, but this would reduce the operating expenses of the units. The units shall be able to "tap" opportunities for reduction in waste, emissions, discharge and energy, thus reducing costs.
- **Increase occupancy:** As tourists become more conscious and aware of their carbon footprints, they shall prefer to stay in hotels that are

committed to the environment. Further, the units will also be able to pass on the benefits of their savings due to their greener operations. It shall be ensured that information on the ratings of hotels shall be made available through the internet to the public and such hotels shall be promoted through the initiative.

3. Key Environmental Areas for Him-GRIH

Him-GRIH is an initiative being undertaken by the HPSPCB, where the stakeholders from tourism units shall be encouraged to undertake a self-audit of the units against the criteria defined under this program and apply for the Green Star Rating. Thereafter, after due verification, the tourism units shall be accorded with 5, 4 or 3 Green Stars. HPSPCB has designed a framework for the assessment of tourism units with the following key areas in mind:

3.1. Water Conservation

Water is said to be the 'elixir' on earth, and all human activities are dependent upon it. Water has been exploited the most because of its relative abundance and inefficient usage in industry. This so-called 'abundance' is an illusion as less than 1% of the water available is suitable for human usage.

Water conservation is more important in the hotel industry since enormous quantities of water are used and wasted often every day throughout the world. Provisioning for the same in the design of the hotel such as installation of low flow taps and toilets is essential as the guests may consider that they have already paid for the water and not give attention to optimal usage.

3.2. Energy Efficiency

Energy efficiency refers to utilizing minimal energy to perform the same task or produce the same result. Hotels are large consumers of energy and fossil fuels to provide high-quality services to guests. Hotels can effectively reduce energy use without compromising the high quality of services for guests and in the process benefit from cost savings. Managing energy use in a hotel is the first step toward this. Energy costs can be a significant part of a hotel's operating budget ranging from 15-35 per cent, depending on the size of the hotel.

There are numerous ways in which energy can be managed within a hotel. Energy efficiency ensures that hotels can keep this cost low and at the same time reduce their environmental impact. Among several measures that can be undertaken by the hotels to reduce energy consumption is to shift to energy efficient devices, natural lighting, renewable sources of energy, etc.

3.3. Waste Management and Air Pollution Control

Hotels are chief consumers of resources, and this results in their substantial contribution to the generation of waste. Commercial processes tend to generate a lot of waste and require regular maintenance and expensive waste disposal. The hotel industry needs to have an effective waste management system which focuses on reducing waste, recycling useful materials, and reusing them.

Proper waste management in hotels is important to ensure eco-friendly waste disposal. Moreover, it makes good sense to the business. When supplies are judiciously used, it saves a lot of money on raw materials. Hotels should also ensure that they completely transition to clean fuels in order to reduce their impact on air pollution. Waste Management can also generate additional income by selling old resources and by reusing and recycling useful materials.

3.4. Wastewater Management

Wastewater is any kind of water that has been adversely affected by human activity. Hotels create a huge amount of wastewater, or used water, with guests and staff constantly engaged in washing, cleaning and cooking. Even the swimming pool produces wastewater.

Once water is used it is returned to rivers, lakes, groundwater or the ocean depending on location. However, wastewater must be treated before it is returned to the environment.

If wastewater is not properly treated before being disposed of, it can pose a risk to public health and the environment.

3.5. Others

In addition to the above broad categories, tourism units are also encouraged to adopt other sustainable methods. These would include shifting to organic products for consumables and food. In addition, multiple other initiatives such as provisioning for parking space, electric vehicle recharge points, decreasing noise pollution, etc., are part of this section which have a positive impact on the environment.

Areas	Parameters
Water Conservation	<ul style="list-style-type: none">• Low flow toilets• Rainwater harvesting systems• Low flow shower heads and taps

Energy Efficiency	<ul style="list-style-type: none"> • Installation of LED lights • Insulation to reduce energy losses • Installation of equipment with 4- or 5-star Energy saving rating • Use of renewable sources of energy • Use of clean fuel • Providing green cover • Natural lighting
Environment Management: Waste Management and Air Pollution Control	<ul style="list-style-type: none"> • Waste segregation in lobby and kitchen • Compliance to Solid Waste Management (SWM) Rules,2016 • Compliance to Air (Prevention and Control of Pollution) Act, 1981 • Innovative practices • Social work related to waste management • Training of management and staff about best SWM practices and appropriate SWM behavior • Providing waste segregating bins in guest rooms • Usage of non-disposable dishware • Management of sanitary waste (sanitary pads, condoms etc.) • Hazardous waste management
Environment Management: Wastewater Management	<ul style="list-style-type: none"> • Compliance to Water (Prevention and Control of Pollution) Act, 1974 • Training of management and staff regarding liquid waste management • Recycling/ Reuse of treated wastewater in irrigation, toilet flushing, firefighting systems, etc.
Others	<ul style="list-style-type: none"> • Use of green products (soaps, detergents etc.) • Use of organic food products • ISO Certification for Environmental Management System • Compliance of Noise Pollution (Regulation and

	Control) Rule, 2000, (Provision of Noise Limiters / Meter/ Acoustic enclosures for DG set
	<ul style="list-style-type: none"> • Provision of parking space of adequate capacity

4. Assessment Criteria

Hotels situated within the boundary of Himachal Pradesh shall be covered under Him-GRIH. It may be noted that hotels are diverse in terms of their size, services and facilities provided. For simplicity, assessment of the hotels shall be divided into three categories based upon their size. Although the assessment of each category of hotels shall be done using the parameters described above, the sub-criteria of evaluations have been designed as per the category of the hotel.

4.1. Assessment Criteria (Large Hotels)

The hotels which have 21 or more rooms are categorized as Large Hotels, for whom the assessment criteria are as follows:

4.1.1. Water Conservation

4.1.1.1. Rainwater harvesting

Criteria L.1.1 Rainwater harvesting	Maximum Points: 5
<p>Its Importance</p> <p>Rainwater harvesting is the collection and storage of rain, rather than allowing it to run off. Rainwater is collected from a roof-like surface and redirected to a tank, cistern, deep pit (well, shaft, or borehole), aquifer, or reservoir with percolation so that it seeps down and restores the groundwater. Dew and fog can also be collected with nets or other tools.</p>	
<p>Method of assessment:</p> <p>The staff auditor shall provide information on whether the rainwater harvesting structure is present in the unit.</p> <p>The auditor may upload geo-tagged photograph(s) and design/plan of the water harvesting system.</p> <p>If the unit has a rainwater harvesting system, the unit shall be awarded full points i.e., 5 points, if not then 0.</p>	

Particular	Input (Yes/No)	Points Awarded
Whether a rainwater harvesting system has been established by the unit?	Yes	5
	No	0

Example:
Whether a rainwater harvesting system is established by the unit? No
Points awarded: 0

4.1.1.2. Low flow toilets

Criteria L.1.2 Low flow toilets	Maximum Points: 2								
<p>Its Importance</p> <p>A low-flush or low-flow toilet is a flush toilet that is adapted in order to use significantly less water than a full-flush toilet. Low-flush toilets use a special design of the cistern and the siphon to allow the removal of faeces and excreta with less water. Most often, they also include a dual flush system, with one flush being designed for urine only, using even less water than the other designed for faeces.</p>									
<p>Method of assessment:</p> <p>The staff auditor shall provide the following information:</p> <ol style="list-style-type: none"> Number of toilets with flush system Number of low-flow toilets <p>The auditor may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>Based on the percentage of low flow toilets out of total toilets with flush system, points shall be awarded is as follows: -</p> <table border="1"> <thead> <tr> <th>Percentage</th> <th>Points</th> </tr> </thead> <tbody> <tr> <td>>80</td> <td>2</td> </tr> <tr> <td>60 to 80</td> <td>1.6</td> </tr> <tr> <td><60</td> <td>1</td> </tr> </tbody> </table>		Percentage	Points	>80	2	60 to 80	1.6	<60	1
Percentage	Points								
>80	2								
60 to 80	1.6								
<60	1								

0	0
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Example:

Total number of toilets with flush system: 50

Total number of low flow toilets: 30

Percentage of low flow toilets out of total toilets with flush system: 60% (30/50)

Points awarded: 1.6

4.1.1.3. Low flow shower heads and taps

Criteria L.1.3	Maximum Points: 3
Low flow shower heads and taps	

Its Importance

Water consumption can be reduced by installing low flow taps and shower heads. The average shower uses around 15 litres of water per minute. Installing low flow shower heads and taps can reduce the amount of water one consumes by around 50-70%, bringing the shower flow down to 6-9 litres a minute without compromising on water pressure.

Method of assessment:

The staff auditor shall provide the following information:

- i) Total number of shower heads and taps
- ii) Total number of low-flow shower heads and taps

The auditor may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.

Based on the percentage of low flow shower heads and taps out of the total number of showers and taps, points shall be awarded as follows: -

Percentage	Points
>80	3
60 to 80	2.4
<60	1.5
0	0

Example:

Total number of shower heads and taps: 50

Total number of low flow showers heads and taps: 40

Percentage of low flow showers heads and taps out of total: 80% (40/50)

Points awarded: 2.4

4.1.2. Energy Efficiency

4.1.2.1. Installation of LED lights

Criteria L.2.1 Installation of LED lights	Maximum Points: 3
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Its Importance

The light-emitting diode (LED) is today's most energy-efficient and rapidly developing lighting technology. Good quality LED light bulbs last longer, are more durable, and offer comparable or better light quality than other types of lighting.

Method of assessment:

The staff auditor shall provide the following inputs:

- a. Total number of bulbs and tube-lights installed
- b. Total number of LED bulbs and tube-lights installed

The auditor may also upload relevant geo-tagged photograph(s), bill(s) or other evidence, as applicable in this regard.

Based on the percentage of LED bulbs and tube-lights out of the total number of light bulbs & tube-light, points shall be awarded as follows: -

Percentage	Points
>80	3
60 to 80	2.4
<60	1.5
0	0

Example:

Total number of light bulbs and tube-lights installed: 50

Total number of LED bulbs and tube-lights installed: 25

Percentage of LED bulbs and tube-lights out of total: 50% (25/50)
 Points awarded: 1.5

4.1.2.2. Insulation to reduce energy loss

Criteria L.2.2 Insulation to reduce energy loss		Maximum Points: 2
<p>Its Importance</p> <p>Insulation of walls, roof, attic, basement walls and even foundations is one of the most essential features of energy- efficient homes. The idea here is to encourage hotels to have insulation in some form to reduce energy loss.</p>		
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit has provided insulation at required points to reduce energy loss.</p> <p>The auditor may also upload relevant geo-tagged photograph(s), bill(s) or other evidence, as applicable in this regard.</p> <p>If unit has provided insulations at required points to reduce energy loss, then it shall get maximum points i.e., 2 points, else 0 points</p>		
Particular	Input (Yes/ No)	Points Awarded
Whether the unit has provided insulations at required points to reduce energy loss?	Yes	2
	No	0
<p>Example:</p> <p>Whether the unit has provided insulations at required points to reduce energy loss? Yes Points awarded: 2</p>		

4.1.2.3. Installation of equipment with 4 or 5 star energy saving rating

Criteria L.2.3 Installation of equipment with 4 or 5 star energy saving rating	Maximum Points: 3										
<p>Its Importance</p> <p>Bureau of Energy Efficiency (BEE) Star Label is a program run by the Ministry of Power, Government of India that promotes energy efficiency. The program provides information on the energy consumption of products and devices using different standardized methods. Each appliance gets between one and five stars, with five stars meaning that it's extremely efficient and shall consume less electricity than four stars and so on.</p> <p>Energy efficient appliances use less electricity to achieve the same level of performance as similar models with the same size or capacity.</p>											
<p>Method of assessment:</p> <p>The staff auditor shall provide the following details:</p> <ul style="list-style-type: none">(i) Total number of fridges, TVs, ACs, geysers(ii) Total number of fridges, TVs, ACs, geysers having 4 or 5 star energy saving rating <p>The unit may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>Based on the percentage of fridges, TVs, ACs, geysers having 4 or 5 star energy rating, points shall be awarded as follows: -</p> <table border="1" data-bbox="435 1289 1260 1633"><thead><tr><th>Percentage</th><th>Points</th></tr></thead><tbody><tr><td>>80</td><td>3</td></tr><tr><td>60 to 80</td><td>2.4</td></tr><tr><td><60</td><td>1.5</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>		Percentage	Points	>80	3	60 to 80	2.4	<60	1.5	0	0
Percentage	Points										
>80	3										
60 to 80	2.4										
<60	1.5										
0	0										
<p>Example:</p> <p>Total number of fridges, TVs, ACs, geysers: 50</p> <p>Total number of fridges, TVs, ACs, geysers having 4 or 5 star energy rating: 25</p>											

Percentage of fridges, TVs, ACs, geysers having 4 or 5 star energy rating out of total: 50% (25/50)
Points awarded: 1.5

4.1.2.4. Use of renewable sources of energy

Criteria L.2.4 Use of renewable sources of energy	Maximum Points: 5								
<p>Its Importance</p> <p>Electricity charges are one of the major cost centres of a hotel. Moreover, much of the electricity generated and consumed in India comes from fossil fuels. As an alternative, hotels can use solar energy to generate electricity that could contribute to part or full of their consumption.</p> <p>One of the easiest ways to initiate using solar energy can be by installing water heaters that are connected to the rooftop solar panel. The hotels also may use solar energy for lighting and other energy requirements. The idea here is to encourage the hotels to adopt solar energy as an alternative source of electricity.</p>									
<p>Method of assessment:</p> <p>The staff auditor shall provide information if roof top solar panel system or other solar panel system.</p> <p>The auditor may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>If the unit has a roof top solar system, the unit shall be awarded full points i.e., 5 points, if not then 0.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Particular</th> <th style="width: 20%;">Input (Yes/ No)</th> <th style="width: 30%;">Points Awarded</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Whether the hotel has roof top solar panel system for heating water?</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: center;">No</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Particular	Input (Yes/ No)	Points Awarded	Whether the hotel has roof top solar panel system for heating water?	Yes	5	No	0
Particular	Input (Yes/ No)	Points Awarded							
Whether the hotel has roof top solar panel system for heating water?	Yes	5							
	No	0							
<p>Example:</p> <p>Whether the unit has roof top solar panel system for heating water? Yes Points awarded: 5</p>									

4.1.2.5. Use of clean fuels

Criteria L.2.5 Use of clean fuels	Maximum Points: 5								
<p>Its Importance</p> <p>Today, common fuels used in hotel kitchens are:</p> <ol style="list-style-type: none">LPGCNGCoalWoodElectricity <p>Out of the above, usage of coal and wood as fuel leads to high air pollution. So, the idea is to discourage the use of such fuel options and reduce the carbon footprint of the unit.</p>									
<p>Method of assessment:</p> <p>The staff auditor shall provide information about the fuel used in the hotel's kitchen.</p> <p>The unit may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>If the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen then unit shall be awarded maximum points i.e. 5 points, if not then 0.</p> <table border="1" data-bbox="332 1249 1356 1507"><thead><tr><th data-bbox="332 1249 898 1360">Particular</th><th data-bbox="898 1249 1107 1360">Input (Yes/ No)</th><th data-bbox="1107 1249 1356 1360">Points Awarded</th></tr></thead><tbody><tr><td data-bbox="332 1360 898 1438" rowspan="2">Whether the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen?</td><td data-bbox="898 1360 1107 1438">Yes</td><td data-bbox="1107 1360 1356 1438">5</td></tr><tr><td data-bbox="898 1438 1107 1507">No</td><td data-bbox="1107 1438 1356 1507">0</td></tr></tbody></table>		Particular	Input (Yes/ No)	Points Awarded	Whether the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen?	Yes	5	No	0
Particular	Input (Yes/ No)	Points Awarded							
Whether the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen?	Yes	5							
	No	0							
<p>Example:</p> <p>Whether the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen? Yes</p> <p>Points awarded: 5</p>									

4.1.2.6. Providing green cover

Criteria L.2.6 Providing green cover	Maximum Points: 5																					
<p>Its Importance</p> <p>All hotels, no matter their size or location, can benefit from plantation in and around it. The benefits of plantation not only have aesthetics but also help cleanse the air, regulate temperature and reduce the carbon footprint of the unit.</p> <p>Green cover can be provided in form of indoor plantation, vertical garden, roof top plantation, gardens etc. So, the idea here is to promote plantation activities by hotel units.</p>																						
<p>Method of assessment:</p> <p>The staff auditor shall provide following information:</p> <ul style="list-style-type: none"> (i) How many rooms contain at-least 2 number of indoor plants? (ii) Does the unit have a vertical garden in the premises? (iii) Does the unit practice rooftop plantation? (iv) Does the unit have plantation around the hotel within premises? <p>The unit may upload geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>Based on the percentage of rooms having at-least 2 number of indoor plants, points shall be awarded as follows: -</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Percentage</th> <th>Points</th> </tr> </thead> <tbody> <tr> <td>>80</td> <td>2</td> </tr> <tr> <td>60 to 80</td> <td>1.6</td> </tr> <tr> <td><60</td> <td>1</td> </tr> <tr> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>For other criteria the points shall be awarded as follows:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Particular</th> <th>Input</th> <th>Points Awarded</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Does the unit have a vertical garden in the premises?</td> <td>Yes</td> <td>1</td> </tr> <tr> <td>No</td> <td>0</td> </tr> <tr> <td>Does the unit practice rooftop</td> <td>Yes</td> <td>1</td> </tr> </tbody> </table>		Percentage	Points	>80	2	60 to 80	1.6	<60	1	0	0	Particular	Input	Points Awarded	Does the unit have a vertical garden in the premises?	Yes	1	No	0	Does the unit practice rooftop	Yes	1
Percentage	Points																					
>80	2																					
60 to 80	1.6																					
<60	1																					
0	0																					
Particular	Input	Points Awarded																				
Does the unit have a vertical garden in the premises?	Yes	1																				
	No	0																				
Does the unit practice rooftop	Yes	1																				

plantation?	No	0	
Does the unit have plantation around the hotel within premises?	Yes	1	
	No	0	

Example:

Total number of rooms: 50

How many rooms contain at-least 2 number of indoor plants? 50

Points awarded: 2

Does the unit have a vertical garden in the premises? Yes

Points awarded: 1

Does the unit practice rooftop plantation? No

Points awarded: 0

Does the unit have plantation around the hotel within premises? Yes

Points awarded: 1

Total points: 4

4.1.2.7. Natural Lighting

Criteria L.2.7 Natural Lighting	Maximum Points: 2
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Its Importance

Exposure to daylight has been linked to improvements in our wellbeing and mood and natural light can make a room lighter and brighter and give the feeling of more space along-with decrease in the consumption of electricity during daytime.

Method of assessment:

The staff auditor shall provide following information:

- (i) Number of rooms where natural lighting is accessible

The unit may upload geo-tagged photograph(s) of the same as evidence in this regard.

Based on the percentage of rooms where natural lighting is accessible, points shall be awarded as follows: -

Percentage	Points
>80	2
60 to 80	1.6
<60	1
0	0

Example:

Total number of rooms: 50

Total number of rooms where natural lighting is accessible: 45

Percentage of rooms where natural lighting is accessible of total: 90% (45/50)

Points awarded: 2

4.1.3. Solid Waste Minimization and Management and Air Pollution Control

4.1.3.1. Segregation of solid waste by providing dry & wet waste collection bins in kitchen/lobby

Criteria L.3.1	Maximum Points: 5
Segregation of solid waste by providing dry & wet waste collection bins in kitchen/lobby	

Its Importance

Segregation of solid waste is important step for ensuring effective management of the waste generated from hotels. Waste should be at least segregated into dry and wet form into separate dustbins, before handing over to waste disposal facility.

Method of assessment:

The staff auditor shall provide information if the unit is equipped with segregation of solid waste generated by providing dry and wet dustbins in the lobby and kitchen before ensuring its scientific disposal.

The auditor may upload geo-tagged photograph(s) of the same as evidence in this regard.

If the unit has provided dry & wet waste collection bins in lobby and kitchen,

the unit shall be awarded maximum points i.e., 5 points., if not then zero point.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit has provided dry & wet waste bins in lobby and kitchen before ensuring its scientific disposal?	No	0
	Yes	5

Example:

Whether the unit has provided dry & wet waste collection bins in lobby and kitchen before ensuring its scientific disposal? Yes

Points awarded: 5

4.1.3.2. Compliance to SWM Rules (Scientific disposal of solid waste), 2016

Criteria L.3.2 Compliance to SWM Rules (Scientific disposal of solid waste) 2016	Maximum Points: 7
<p>Its Importance</p> <p>The unit shall ensure all type of solid waste (biodegradable, non-biodegradable, dry and wet) generated in the premise shall be scientifically processed as per the provisions of SWMR, 2016, either by own processing facility or through collaboration with rural/urban local body.</p>	
<p>Method of assessment:</p> <p>The staff auditor shall provide input if there is provision for processing of the solid waste as per SWMR, 2016.</p> <p>The auditor may provide relevant geo-tagged photograph(s) of waste processing and disposal as well as receipt of rural/urban local bodies or plan of own processing facility along with details of amount of waste generated and processed, as applicable as evidence in this regard.</p> <p>If the unit has provided their own facility or connected rural/urban local bodies for processing and disposal of waste then the unit shall be awarded maximum points i.e., 7, if not then 0 points.</p>	

	Particular	Input (Yes/ No)	Points Awarded
	Whether the unit is engaged in collection and segregating the waste at source and ensuring proper processing & disposal with respect to SWM Rules (Scientific disposal of solid waste), 2016?	Yes	7
		No	0

Example:

Whether the unit is engaged in collection and segregating the waste at source and ensuring proper processing & disposal with respect to SWMR, 2016? Yes

Points awarded: 7

4.1.3.3. Compliance to Air (Prevention and Control of Pollution) Act, 1981

Criteria L.3.3 Compliance of Air (Prevention and Control of Pollution) Act, 1981	Maximum Points: 5
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Its Importance

If the hotel unit is using any polluting fuel in its processes, which is generating air emissions then provision of filters/scrubbers in chimney and minimum stack height of exhaust must be provided to ensure air emissions are within the norms. If the unit is using 100 % clean fuel and is not contributing to any significant air pollution, thus not requiring any Air Pollution Control Devices (APCDs) then also the unit is supposed to get full points.

Method of assessment:

The staff auditor shall provide following inputs:

- (i) Total emission points and source of fuel:
- (ii) Details of APCDs provided:

The auditor may upload geo-tagged photograph(s) of the same as evidence in this regard along with self-testing reports in case of emissions.

If APCDs are provided and emission norms are met or if clean fuels that do not contribute to air emissions are used, then unit shall be awarded maximum points i.e. 5, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether APCDs are provided, and emission norms are met or clean fuels that do not contribute to air emissions are used?	Yes	5
	No	0

Example:

Whether APCDs are provided, and emission norms are met or clean fuels that do not contribute to air emissions are used? Yes

Points awarded: 5

4.1.3.4. Innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse

<p>Criteria L.3.4</p> <p>Innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse</p>	<p>Maximum Points: 5</p>
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Its Importance

Hotels around the world are rolling out a plethora of green initiatives. Sustainable hotels are businesses that significantly reduce their environmental pollution footprint through green practices in maintenance, services, logistics, products, and supplies. The core elements revolve around reducing waste, saving energy and cutting down on water usage.

For example, the hotel may prepare poly brick, which is a plastic bottle packed with used plastics. The hotel may use single-use plastic such as chocolate/chips wrapper to fill the plastic water bottles. These poly bricks can later be used to create structures such as walls of outdoor toilets. Hotels may recycle water bottles and other waste to plant trees by using them as flowerpots, use them as electric bulb holders, etc.

So, the aim here is to encourage new and creative ideas/ practices and reward the hotel units who are performing any such innovative activity which leads to solid waste minimisation, treatment, and reuse/ recycling.

Method of assessment:

The staff auditor shall provide information if the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse.

The auditor may upload photograph(s) and a synopsis of the innovative practice and other evidence, as applicable in this regard.

If the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse, then the unit shall be awarded maximum points i.e. 5, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse?	Yes	5
	No	0

Example:

Whether the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse? Yes
Points awarded: 5

4.1.3.5. Social work related to waste management in surrounding panchayats

Criteria L.3.5 Social work related to waste management in surrounding panchayats	Maximum Points :3
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Its Importance

“Green thought” is evolving in today’s society, and as hoteliers’ main priority is to provide their guests with a memorable experience, they need to implement sustainable principles and policies. Indeed, companies with sustainable business practices are more likely to have a better reputation, improve their brand image, enhance their guests’ experience, and boost both their revenues and customer loyalty.

If hospitality organizations adopt and integrate Corporate Social Responsibility into their organizational strategies, they can facilitate innovativeness, increase and/or improve their organizational

competitiveness, while at the same time contributing to solving problems in today's world.

The objective is to promote the hotel to use its resources while minimizing its impact on the environment and have projects that reduce its footprint.

Method of assessment:

The staff auditor shall provide information if the unit is engaged in Corporate Social Responsibility with respect to waste management.

The auditor may upload photograph(s) and a synopsis of the activity undertaken through CSR or other evidence, as applicable in this regard.

If the unit is engaged in Corporate Social Responsibility with respect to waste management, then unit shall be awarded maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit is engaged in Corporate Social Responsibility with respect to waste management?	Yes	3
	No	0

Example:

Whether the unit is engaged in Corporate Social Responsibility with respect to waste management? Yes

Points awarded: 3

4.1.3.6. Training of management and staff about best SWM practices and appropriate SWM behaviour

<p>Criteria L.3.6</p> <p>Training of management and staff about best SWM practices and appropriate SWM behaviour</p>	<p>Maximum Points : 5</p>
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Its Importance

Employees are also an important component in the success of implementing green practices in the hotel industry. The unit, therefore, needs to improve employees' environmental knowledge, awareness and concern to prevail in meeting the challenges of implementing green practices. For this purpose, the unit may conduct in-house training for its staff or coordinate with one of the Non-Governmental Organizations (NGOs) operating in the State for the same.

Method of assessment:

The staff auditor shall provide information if the unit has provided training to their staff regarding environmental laws and best green practices in-house or with engagement of an NGO or through any other mode in the last two years.

The auditor may upload photograph(s) or training completion certificate from the trainer organisation or self-certification of the training completion or other evidence, as applicable in this regard.

If the unit has provided training to their staff regarding environment laws and best green practices in-house or with engagement of an NGO or through any other mode in last two years, the unit shall be awarded maximum points i.e. 5, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit has provided training to their staff regarding environment laws and best green practices in-house or with engagement of an NGO or through any other mode in last two years?	Yes	5
	No	0

Example:

Whether the unit has provided training to their staff regarding environment laws and best green practices in-house or with engagement of an NGO or through any other mode in last two years? Yes

Points awarded: 5

4.1.3.7. Provision for waste segregating bins in guest rooms

Criteria L.3.7	Maximum Points: 2
Provision for waste segregating bins in guest rooms	

Its Importance

Waste segregating bins in the guest rooms shall help the guests to keep the room clean. It would also add to the waste management efforts of the hotel. This would help the hotels to segregate waste generated at the source and systematically collect them.

So, the idea is to encourage hotels to provide waste sorting bins with the provision for sorting dry and wet waste in the guest rooms as a part of waste management activities in the hotel.

Method of assessment:

The staff auditor shall provide information if the unit has provided waste segregating bins with the provision for sorting dry and wet waste in guest rooms.

The unit may provide bill(s) or geo-tagged photograph(s) as evidence in this regard.

If the unit has provided waste segregating bins in guest rooms, the unit shall be awarded maximum points i.e. 5, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit has provided waste segregating bins in guest rooms?	Yes	2
	No	0

Example:

Whether the unit has provided waste segregating bins in guest rooms? Yes
Points awarded: 2

4.1.3.8. Use of non-disposable dishware

Criteria L.3.8 Use of non-disposable dishware	Maximum Points: 3
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Its Importance

The use of non-disposable dishware cuts down on the use of straws, plastic serving ware, and paper plates at your facility. It will help to save money in lower supply costs and waste management (the less your hotel throws out, the lower the cost for trash hauling).

Method of assessment:

The staff auditor shall provide information if the unit uses non-disposable dishware.

The auditor may upload geo-tagged photograph(s) or bill(s) as evidence in this regard.

If the unit uses non-disposable dishware, the unit shall be awarded

maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit has uses non-disposable dishware?	Yes	3
	No	0

Example:

Whether the unit has uses non-disposable dishware? Yes
 Points awarded: 3

4.1.3.9. Management of sanitary waste (diapers, sanitary pads, condoms etc.)

Criteria L.3.9	Maximum Points: 3
Management of sanitary waste (diapers, sanitary pads, condoms etc.)	

Its Importance

“Sanitary waste” means wastes comprising of used diapers, sanitary towels or napkins, tampons, condoms, incontinence sheets and any other similar waste.

As per Menstrual Hygiene Management guidelines, ‘safe disposal’ means ensuring that the process of destruction of used and soiled materials is done without human contact and with minimal environmental pollution and ‘unsafe disposal’ means throwing used cloth into ponds, rivers, or in the fields exposes others in the area to decaying material and should be avoided.

The aim here is to promote and encourage the awareness regarding safe disposal of sanitary waste and reward the units who are taking steps to ensure safe disposal of same through a local urban/rural body or by installing small scale incinerators.

Method of assessment:

The staff auditor shall provide information if the unit ensures segregation, storage and safe disposal of sanitary waste through a local rural/urban body or installing small scale incinerators.

The auditor may upload geo-tagged photograph(s) or bill(s) as evidence in this regard.

If the unit ensures segregation, storage and safe disposal of sanitary waste through local body or installing small scale incinerators, the unit shall be awarded maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit ensures segregation, storage and safe disposal of sanitary waste through a local rural/urban body or by installing small scale incinerators?	Yes	3
	No	0

Example:

Whether the unit ensures segregation, storage and safe disposal off sanitary waste through local body or installing small scale incinerators? Yes

Points awarded: 3

4.1.3.10. Hazardous Waste Management

Criteria L.3.10 Hazardous Waste Management	Maximum Points: 3
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Its Importance

As per Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016 as amended till date: -

“Hazardous waste” means any waste with characteristics such as physical, chemical, biological, reactive, toxic, flammable, explosive or corrosive, causes danger or is likely to cause danger to health or environment, whether alone or in contact with other wastes or substances, and shall include:

- (i) waste specified under column (3) of Schedule I;
- (ii) waste having equal or more than the concentration limits specified for the constituents in class A and class B of Schedule II or any of the characteristics as specified in class C of Schedule II; and
- (iii) wastes specified in Part A of Schedule III in respect of import or export of such waste or the wastes not specified in Part A but exhibit hazardous characteristics specified in Part C of Schedule III;

Generally, hazardous waste generated from the hotels is used/spent oil or any other hazardous waste including domestic hazardous waste. Domestic

hazardous wastes include discarded paint drums, pesticide cans, CFL bulbs, tube lights, expired medicine, broken mercury thermometer, used batteries, used needles and syringes and contaminated gauge generated in the hotel. The used/spent oil or other hazardous waste can be disposed off either through collector/processor or TSDF (Treatment Storage and Disposal Facility) authorized by the State Pollution Control Board.

Method of assessment:

The staff auditor shall provide information whether the unit ensures proper handling, storage and disposal of hazardous waste through a TSDF facility or collector/processor authorized by Pollution Control Board.

The staff auditor may upload agreement with TSDF Facility or collector/processor and supporting documents of recent handing over of the Hazardous Waste to TSDF facility or collector/processor.

If the unit ensures proper handling, storage and disposal of hazardous waste through a TSDF facility or collector/processor authorized by State Pollution Control Board, the unit shall be awarded maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit ensures proper handling, storage and disposal of hazardous waste through a TSDF facility or collector/processor authorized by State Pollution Control Board?	Yes	3
	No	0

Example:

Whether the unit ensures proper handling, storage and disposal of hazardous waste through a TSDF facility or collector/processor authorized by State Pollution Control Board? Yes

Points awarded: 3

4.1.4. Wastewater Management

4.1.4.1. Compliance to Water (Prevention and Control of Pollution) Act, 1974

Criteria L.4.1 Compliance to Water (Prevention and Control of Pollution) Act, 1974		Maximum Points : 5								
Its Importance <p>As per the Water (Prevention & Control of Pollution) Act, 1974 & EP Rules, 1986 norms for Sewage Trade effluent, hotels are supposed to make provisions for the treatment of wastewater to ensure it complies with the norms stipulated under EP Rules, 1986.</p> <p>For ensuring the same unit should either install captive treatment plant of adequate capacity or should be connected with a common wastewater treatment facility to ensure that wastewater is treated adequately and complies with the norms, or use a septic tank(s), if applicable.</p>										
Method of assessment: <p>The staff auditor shall provide information if the unit is equipped with captive treatment plant, septic tank(s), or is connected with a common treatment facility.</p> <p>The auditor may upload geo-tagged photograph(s) and other evidence, as applicable.</p> <p>If the unit is equipped with captive treatment plant or septic tank(s) or is connected with a common treatment facility, the unit shall be awarded maximum points i.e. 5, if not then 0 points. The disposal of treated wastewater should be compliant to norms where applicable.</p>										
	<table border="1"><thead><tr><th>Particular</th><th>Input (Yes/ No)</th><th>Points Awarded</th></tr></thead><tbody><tr><td rowspan="2">Whether the unit is equipped with captive treatment plant or septic tanks(s) or is connected with common treatment facility & discharge is compliant, where applicable?</td><td>Yes</td><td>5</td></tr><tr><td>No</td><td>0</td></tr></tbody></table>	Particular	Input (Yes/ No)	Points Awarded	Whether the unit is equipped with captive treatment plant or septic tanks(s) or is connected with common treatment facility & discharge is compliant, where applicable?	Yes	5	No	0	
Particular	Input (Yes/ No)	Points Awarded								
Whether the unit is equipped with captive treatment plant or septic tanks(s) or is connected with common treatment facility & discharge is compliant, where applicable?	Yes	5								
	No	0								
Example: <p>Whether the unit is equipped with captive treatment plant or septic tanks(s)</p>										

or is connected with common treatment facility & discharge is compliant, where applicable? Yes
Points awarded: 5

4.1.4.2. Training of management and staff regarding liquid waste management

Criteria L.4.2		Maximum Points: 5								
Training of management and staff regarding liquid waste management										
<p>Its Importance</p> <p>Employees are also an important component in the success of implementing green practices in the hotel industry. A company, therefore, needs to improve employees’ environmental knowledge, awareness and concern to prevail in meeting the challenges of implementing green practices.</p>										
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit has provided training to their staff regarding liquid waste management in-house or with engagement of a Non-Governmental Organization (NGO) or through any other mode in the last two years.</p> <p>The auditor may upload photograph(s), training completion certificate from the trainer organisation or other evidence, as applicable in this regard.</p> <p>If the unit has provided training to their staff regarding liquid waste management in-house or with engagement of NGO or through any other mode in last two years, the unit shall be awarded maximum points i.e. 5, if not then 0 points.</p>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Particular</th> <th style="width: 20%;">Input (Yes/ No)</th> <th style="width: 20%;">Points Awarded</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Whether the unit has provided training to their staff regarding liquid waste management in-house or with engagement of an NGO or through any other mode in last two years?</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: center;">No</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>			Particular	Input (Yes/ No)	Points Awarded	Whether the unit has provided training to their staff regarding liquid waste management in-house or with engagement of an NGO or through any other mode in last two years?	Yes	5	No	0
Particular	Input (Yes/ No)	Points Awarded								
Whether the unit has provided training to their staff regarding liquid waste management in-house or with engagement of an NGO or through any other mode in last two years?	Yes	5								
	No	0								
<p>Example:</p> <p>Whether the unit has provided training to their staff regarding liquid waste management in-house or with engagement of an NGO or through any other</p>										

mode in last two years? Yes
 Points awarded: 5

4.1.4.3. Recycling/ reuse of treated wastewater in irrigation, toilet flushing or firefighting system

Criteria L.4.3	Maximum Points: 3
Recycling/ Re-use of treated wastewater in irrigation, toilet flushing or firefighting system	

Its Importance

Hotels and resorts are businesses that are known for high water use, which means they can realize many benefits from water reuse. Instead of wasting precious drinking water on non-potable applications, hotels can treat and repurpose grey water from laundry facilities, kitchens, and even guest bathrooms.

The idea is to promote initiatives for recycling/ reuse of treated wastewater.

Method of assessment:

The staff auditor shall provide information if the unit reuses/ recycles the wastewater generated.

The auditor may upload geo-tagged photograph(s), reuse/recycling plans or other evidence, as applicable in this regard.

If the unit reuses/ recycle the wastewater generated, the unit shall be awarded maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit reuses/ recycle the wastewater generated?	Yes	3
	No	0

Example:

Whether the hotel unit reuses/ recycle the wastewater generated? Yes

Points awarded: 3

4.1.5. Others

4.1.5.1. Use of green products (soaps, detergents etc.)

Criteria L.5.1 Use of green products (soaps, detergents etc.)	Maximum Points: 3																		
<p>Its Importance</p> <p>The products such as shampoo, soaps, detergents etc. in the market contain harsh chemicals that not just can cause some serious side effects but also affects the environment.</p> <p>The harmful chemicals in these products go down the drain and end up in the environment again. Organic soaps, detergents, cleaners and other daily use products contain ingredients that get quickly decomposed.</p> <p>So, the idea is to encourage use of such green products in hotels.</p>																			
<p>Method of assessment:</p> <p>The staff auditor shall provide following information:</p> <ul style="list-style-type: none"> (i) Whether the unit uses/ provides green/ organic soaps and shampoos to customers? (ii) Whether the unit uses green/ organic detergents for washing bedsheet, towels? (iii) Whether the unit uses green/ organic room/ toilet cleaners? <p>The auditor may upload geo-tagged photograph(s), bill(s) and other evidence, as applicable in this regard.</p> <p>The points shall be awarded in following manner: -</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Particular</th> <th style="width: 25%;">Input (Yes/ No)</th> <th style="width: 25%;">Points Awarded</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Whether the unit uses/ provides green/ organic soaps and shampoos to customers?</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">No</td> <td style="text-align: center;">0</td> </tr> <tr> <td rowspan="2">Whether the unit uses green/ organic detergents for washing bedsheets, towels etc.?</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">No</td> <td style="text-align: center;">0</td> </tr> <tr> <td rowspan="2">Whether the unit uses green/ organic room/ toilet cleaners?</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">No</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Particular	Input (Yes/ No)	Points Awarded	Whether the unit uses/ provides green/ organic soaps and shampoos to customers?	Yes	1	No	0	Whether the unit uses green/ organic detergents for washing bedsheets, towels etc.?	Yes	1	No	0	Whether the unit uses green/ organic room/ toilet cleaners?	Yes	1	No	0
Particular	Input (Yes/ No)	Points Awarded																	
Whether the unit uses/ provides green/ organic soaps and shampoos to customers?	Yes	1																	
	No	0																	
Whether the unit uses green/ organic detergents for washing bedsheets, towels etc.?	Yes	1																	
	No	0																	
Whether the unit uses green/ organic room/ toilet cleaners?	Yes	1																	
	No	0																	

Example:

Whether the unit uses/ provides green/ organic soaps and shampoos to customers? Yes

Points awarded: 1

Whether the unit uses green/ organic detergents for washing bedsheets, towels etc.? No

Points awarded: 0

Whether the unit uses green/ organic room/ toilet cleaners? Yes

Points awarded: 1

Total points awarded: 2

4.1.5.2. Use of organic food products

Criteria L.5.2 Use of organic food products	Maximum Points: 1
<p>Its Importance</p> <p>The way food is grown have a major impact on the mental and emotional health as well as the environment. Organic foods often have beneficial nutrients, such as antioxidants, than their conventionally-grown counterparts. People with allergies to foods, chemicals, or preservatives may find their symptoms lessen or go away when they eat only organic foods.</p> <p>Organic produce contains fewer pesticides. High usage of chemicals such as synthetic fungicides, herbicides, and insecticides in conventional agriculture results in residues remain on (and in) the food we eat.</p> <p>Organic farming tends to be better for the environment. Organic farming practices may reduce pollution, conserve water, reduce soil erosion, increase soil fertility, and use less energy. Farming without synthetic pesticides is also better for nearby flora and fauna who live close to farms.</p>	
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit uses organic food products.</p> <p>The auditor may upload geo-tagged photograph(s), bill(s) or other evidence, as applicable in this regard.</p> <p>If the unit uses organic food products, the unit shall be awarded maximum points i.e. 1, if not then 0 points.</p>	

	Particular	Input (Yes/ No)	Points Awarded
	Whether the hotel unit uses organic food products?	Yes	1
		No	0

Example:

Whether the hotel unit uses organic food products? Yes

Points awarded: 1

4.1.5.3. ISO Certification for Environmental Management System

Criteria L.5.3 ISO Certification for Environmental Management System	Maximum Points: 2
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Its Importance

ISO 14001 is a global environmental management system standard. Its principal management system defines requirements for forming, implementing, improving, and maintaining an environmental management system and its principles and support techniques. This standard controls environmental aspects to reduce impacts and ensure compliance with regulations

Method of assessment:

The staff auditor shall provide information if the unit has ISO 14001 certification.

The auditor may upload certificate as evidence in this regard.

If the unit has ISO 14001 certification, the unit shall be awarded maximum points i.e. 2, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the hotel unit has ISO 14001 certification?	Yes	2
	No	0

Example:

Whether the hotel unit has ISO 14001 certification? Yes

Points awarded: 2

4.1.5.4. Compliance of Noise Pollution (Regulation and Control) Rule, 2000

Criteria L.5.4 Compliance of Noise Pollution (Regulation and Control) Rule, 2000	Maximum Points 2
<p>Its Importance</p> <p>Everyone deserves to have a good night's sleep, even when they're travelling. However, noise is the most frequent complaint from hotel guests. Hotels have quite a few noises generating sources such as pumps, motors, DG sets, the sound produced in banquet halls and external noise sources. Such sources of noise pollution also disturb people living in the vicinity of hotels.</p> <p>Some effective methods to reduce noise in hotels include:</p> <ul style="list-style-type: none">(i) Green Muffler is a technique of reducing noise pollution by planting 4-6 rows of trees around the hotel so that dense trees reduce noise pollution as they filter out the noise and obstruct it from reaching the citizens.(ii) Installation of retrofitted device in DG sets etc.(iii) Sound proofing of banquet halls, etc. <p>The idea here is to encourage hotel units to adopt practices to reduce and absorb noise pollution in and around the hotel.</p>	
<p>Method of assessment:</p> <p>The self-auditor shall provide following information if the unit has</p> <ul style="list-style-type: none">(i) green muffler constructed around the hotel unit?(ii) retrofitted device installed in DG set?(iii) sound proofing of banquet halls, etc.? <p>The staff auditor may upload geo-tagged photograph(s), bill(s) or related document as evidence in this regard.</p> <p>Based on the whether the unit has provided facilities to reduce noise pollution, point shall be awarded in following manner: -</p>	

	Particular	Input (Yes/No)	Points Awarded
	Whether Green Muffler constructed around the hotel unit?	Yes	1
		No	0
	Whether there is retrofitted device installed in DG set?	Yes	0.5
		No	0
	Whether there is provision for sound proofing of banquet halls?	Yes	0.5
		No	0

Example:

Whether Green Muffler constructed around the hotel unit? No

Points awarded: 0

Whether there is retrofitted device installed in DG set? Yes

Points awarded: 0.5

Whether there is provision for sound proofing of banquet halls? Yes

Points awarded: 0.5

Total Points: 1

4.1.5.5. Provision of parking space with adequate capacity

Criteria L.5.5	Maximum Points: 3
Provision of parking space with adequate capacity	

Its Importance

Car parking at a hotel or hotel parking is a critical element of the "guest experience" for the hospitality industry. The hotel may have no or limited parking, thus requiring guests to find parking on their own and often end up parking the vehicle on roadside which creates traffic congestion. Such traffic congestion is a major cause of air pollution arising from motor vehicles which can easily be managed by better planning.

The idea here is to encourage hotel units to facilitate customers either with a parking facility or a contract with a nearby parking facility.

Method of assessment:

The staff auditor shall provide information if the unit facilitate customers

either with its own parking facility or a contract with a nearby parking facility.

If the unit facilitate customer for parking, the auditor may provide following information:

- (i) Total number of rooms
- (ii) Maximum number of vehicles which can be parked in the parking facility

The auditor may upload geo-tagged photograph(s), agreement, plan or related document as evidence in this regard.

Based on the percentage of vehicles can be parked in the parking facility to the total number of rooms in the hotel, points shall be awarded in following manner: -

Percentage	Points
>80	3
60 to 80	2.4
<60	1.5
0	0

Example:

Total number of rooms: 100

Maximum number of vehicles that can be parked in the facility: 75

Percentage of vehicles that can be parked in the parking facility to the total number of rooms in the hotel: 75% (75/100)

Points awarded: 2.4

4.2. Assessment Criteria (Mid-Size Hotels)

The hotels which have more than 5 rooms and up to 20 rooms are categorized as Mid-Size Hotels, for whom the assessment criteria are as follows:

4.2.1. Water Conservation

4.2.1.1. Rainwater harvesting

Criteria M.1.1 Rainwater harvesting		Maximum Points: 5
Its Importance Rainwater harvesting is the collection and storage of rain, rather than allowing it to run off. Rainwater is collected from a roof-like surface and redirected to a tank, cistern, deep pit (well, shaft, or borehole), aquifer, or reservoir with percolation so that it seeps down and restores the groundwater. Dew and fog can also be collected with nets or other tools.		
Method of assessment: The staff auditor shall provide information if the rainwater harvesting structure is present in the unit. The auditor may upload geo-tagged photograph(s) and design/plan of the water harvesting system. If the unit has a rainwater harvesting system, the unit shall be awarded full points i.e., 5 points, if not then 0.		
Particular	Input (Yes/ No)	Points Awarded
Whether a rainwater harvesting system has been established by the unit?	Yes	5
	No	0
Example: Whether a rainwater harvesting system is established by the unit? No Points awarded: 0		

4.2.1.2. Low flow toilets

Criteria M.1.2 Low flow toilets	Maximum Points: 3										
<p>Its Importance</p> <p>A low-flush or low-flow toilet is a flush toilet that is adapted in order to use significantly less water than a full-flush toilet. Low-flush toilets use a special design of the cistern and the siphon to allow the removal of faeces and excreta with less water. Most often, they also include a dual flush system, with one flush being designed for urine only, using even less water than the other designed for faeces.</p>											
<p>Method of assessment:</p> <p>The staff auditor shall provide the following information:</p> <ul style="list-style-type: none">i) Number of toilets with flush systemii) Number of low-flow toilets <p>The auditor may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>Based on the percentage of low flow toilets out of total toilets with flush system, points shall be awarded is as follows: -</p> <table border="1" data-bbox="488 1167 1167 1509"><thead><tr><th>Percentage</th><th>Points</th></tr></thead><tbody><tr><td>>80</td><td>3</td></tr><tr><td>60 to 80</td><td>2.4</td></tr><tr><td><60</td><td>1.5</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>		Percentage	Points	>80	3	60 to 80	2.4	<60	1.5	0	0
Percentage	Points										
>80	3										
60 to 80	2.4										
<60	1.5										
0	0										
<p>Example:</p> <p>Total number of toilets with flush system: 50</p> <p>Total number of low flow toilets: 30</p> <p>Percentage of low flow toilets out of total toilets with flush system: 60% (30/50)</p> <p>Points awarded: 2.4</p>											

4.2.1.3. Low flow shower heads and taps

Criteria M.1.3 Low flow shower heads and taps	Maximum Points: 3										
<p>Its Importance</p> <p>Water consumption can be reduced by installing low flow taps and shower heads. The average shower uses around 15 litres of water per minute. Installing low flow shower heads and taps can reduce the amount of water one consumes by around 50-70%, bringing the shower flow down to 6-9 litres a minute without compromising on water pressure.</p>											
<p>Method of assessment:</p> <p>The staff auditor shall provide the following information:</p> <ul style="list-style-type: none">i) Total number of shower heads and tapsii) Total number of low-flow shower heads and taps <p>The auditor may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>Based on the percentage of low flow shower heads and taps out of the total number of showers and taps, points shall be awarded as follows: -</p> <table border="1" data-bbox="435 1073 1016 1362"><thead><tr><th>Percentage</th><th>Points</th></tr></thead><tbody><tr><td>>80</td><td>3</td></tr><tr><td>60 to 80</td><td>2.4</td></tr><tr><td><60</td><td>1.5</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>		Percentage	Points	>80	3	60 to 80	2.4	<60	1.5	0	0
Percentage	Points										
>80	3										
60 to 80	2.4										
<60	1.5										
0	0										
<p>Example:</p> <p>Total number of shower heads and taps: 50</p> <p>Total number of low flow shower heads and taps: 40</p> <p>Percentage of low flow shower heads and taps out of total: 80% (40/50)</p> <p>Points awarded: 2.4</p>											

4.2.2. Energy Efficiency

4.2.2.1. Installation of LED lights

Criteria M.2.1 Installation of LED lights	Maximum Points: 3										
<p>Its Importance</p> <p>The light-emitting diode (LED) is today's most energy-efficient and rapidly developing lighting technology. Good quality LED light bulbs last longer, are more durable, and offer comparable or better light quality than other types of lighting.</p>											
<p>Method of assessment:</p> <p>The staff auditor shall provide the following inputs:</p> <ul style="list-style-type: none">a. Total number of bulbs and tube-lights installedb. Total number of LED bulbs and tube-lights installed <p>The auditor may also upload relevant geo-tagged photograph(s), bill(s) or other evidence, as applicable in this regard.</p> <p>Based on the percentage of LED bulbs and tube-lights out of the total number of light bulbs & tube-light, points shall be awarded as follows: -</p> <table border="1" data-bbox="466 1140 1175 1486"><thead><tr><th>Percentage</th><th>Points</th></tr></thead><tbody><tr><td>>80</td><td>3</td></tr><tr><td>60 to 80</td><td>2.4</td></tr><tr><td><60</td><td>1.5</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>		Percentage	Points	>80	3	60 to 80	2.4	<60	1.5	0	0
Percentage	Points										
>80	3										
60 to 80	2.4										
<60	1.5										
0	0										
<p>Example:</p> <p>Total number of light bulbs and tube-lights installed: 50</p> <p>Total number of LED bulbs and tube-lights installed: 25</p> <p>Percentage of LED bulbs and tube-lights out of total: 50% (25/50)</p> <p>Points awarded: 1.5</p>											

4.2.2.2. Installation of equipment with 4 or 5 star energy saving rating

Criteria M.2.2 Installation of equipment with 4 or 5 star energy saving rating	Maximum Points: 3										
<p>Its Importance</p> <p>Bureau of Energy Efficiency (BEE) Star Label is a program run by the Ministry of Power, Government of India that promotes energy efficiency. The program provides information on the energy consumption of products and devices using different standardized methods. Each appliance gets between one and five stars, with five stars meaning that it's extremely efficient and shall consume less electricity than four stars and so on.</p> <p>Energy efficient appliances use less electricity to achieve the same level of performance as similar models with the same size or capacity.</p>											
<p>Method of assessment:</p> <p>The staff auditor shall provide the following details:</p> <ul style="list-style-type: none">(i) Total number of fridges, TVs, ACs, geysers(ii) Total number of fridges, TVs, ACs, geysers having 4 or 5 star energy saving rating <p>The unit may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>Based on the percentage of fridges, TVs, ACs, geysers having 4 or 5 star energy rating, points shall be awarded as follows: -</p> <table border="1" data-bbox="435 1346 1114 1690"><thead><tr><th>Percentage</th><th>Points</th></tr></thead><tbody><tr><td>>80</td><td>3</td></tr><tr><td>60 to 80</td><td>2.4</td></tr><tr><td><60</td><td>1.5</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>		Percentage	Points	>80	3	60 to 80	2.4	<60	1.5	0	0
Percentage	Points										
>80	3										
60 to 80	2.4										
<60	1.5										
0	0										
<p>Example:</p> <p>Total number of fridges, TVs, ACs, geysers: 50</p> <p>Total number of fridges, TVs, ACs, geysers having 4 or 5 star energy saving rating: 25</p>											

Percentage of fridges, TVs, ACs, geysers having 4 or 5 star energy saving rating out of total: 50% (25/50)
 Points awarded: 1.5

4.2.2.3. Use of renewable sources of energy

Criteria M.2.3 Use of renewable sources of energy	Maximum Points: 4								
<p>Its Importance</p> <p>Electricity charges are one of the major cost centres of a hotel. Moreover, much of the electricity generated and consumed in India comes from fossil fuels. As an alternative, hotels can use solar energy to generate electricity that could contribute to part or full of their consumption.</p> <p>One of the easiest ways to initiate using solar energy can be by installing water heaters that are connected to the rooftop solar panel. The hotels also may use solar energy for lighting and other energy requirements. The idea here is to encourage the hotels to adopt solar energy as an alternative source of electricity.</p>									
<p>Method of assessment:</p> <p>The staff auditor shall provide information if roof top solar panel system or other solar panel system.</p> <p>The auditor may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>If the unit has a roof top solar system, the unit shall be awarded full points i.e., 4 points, if not then 0.</p>									
<table border="1"> <thead> <tr> <th style="width: 50%;">Particular</th> <th style="width: 20%;">Input (Yes/ No)</th> <th style="width: 30%;">Points Awarded</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Whether the unit has roof top solar panel system for heating water?</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">No</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Particular	Input (Yes/ No)	Points Awarded	Whether the unit has roof top solar panel system for heating water?	Yes	4	No	0
Particular	Input (Yes/ No)	Points Awarded							
Whether the unit has roof top solar panel system for heating water?	Yes	4							
	No	0							

Example:

Whether the unit has roof top solar panel system for heating water? Yes

Points awarded: 4

4.2.2.4. Auto cut off power when guests leave the room

Criteria M.2.4 Auto cut off power when guests leave the room	Maximum Points: 4										
<p>Its Importance</p> <p>Auto cut off power is an essential tool for energy saving for hotels. The idea here is to encourage hotel unit to employ energy saving tools such as auto-cut off power facility.</p>											
<p>Method of assessment:</p> <p>The staff auditor shall provide information about the number of rooms equipped with this facility.</p> <p>The unit may upload geo-tagged photograph(s)/ plan of the same as evidence in this regard.</p> <p>Based on percentage of rooms that has auto cut facility when guests leave the room, the points shall be awarded in following manner: -</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Percentage</th> <th>Points</th> </tr> </thead> <tbody> <tr> <td>>80</td> <td>4</td> </tr> <tr> <td>60 to 80</td> <td>3.2</td> </tr> <tr> <td><60</td> <td>2</td> </tr> <tr> <td>0</td> <td>0</td> </tr> </tbody> </table>		Percentage	Points	>80	4	60 to 80	3.2	<60	2	0	0
Percentage	Points										
>80	4										
60 to 80	3.2										
<60	2										
0	0										
<p>Example:</p> <p>Total number of rooms: 100</p> <p>Number of rooms equipped with the auto cut facility: 75</p> <p>Percentage of rooms with auto cut facility to the total number of rooms in the hotel: 75% (75/100)</p> <p>Points awarded: 3.2</p>											

4.2.3. Solid Waste Minimization and Management and Air Pollution Control

4.2.3.1. Segregation of solid waste by providing dry & wet waste collection bins in kitchen/lobby

Criteria M.3.1		Maximum Points: 5
Segregation of solid waste by providing dry & wet Waste collection bins in kitchen/lobby		
<p>Its Importance</p> <p>Segregation of solid waste is important step for ensuring effective management of the waste generated from hotels. Waste should be at least segregated into dry and wet form into separate dustbins, before handing over to waste disposal facility.</p>		
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit is equipped with segregation of solid waste generated by providing dry and wet dustbins in the lobby and kitchen before ensuring its scientific disposal</p> <p>The auditor may upload geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>If the unit has provided dry & wet waste collection bins in lobby and kitchen, the unit shall be awarded maximum points i.e., 5 points., if not then zero point.</p>		
Particular	Input (Yes/No)	Points Awarded
Whether the unit has provided dry & wet waste bins in lobby and kitchen before ensuring its scientific disposal?	No	0
	Yes	5
<p>Example:</p> <p>Whether the unit has provided dry & wet waste collection bins in lobby and kitchen before ensuring its scientific disposal? Yes</p> <p>Points awarded: 5</p>		

4.2.3.2. Compliance to SWM Rules (Scientific disposal of solid waste), 2016

Criteria M.3.2		Maximum Points: 7
Compliance to SWM Rules (Scientific disposal of solid waste), 2016		
<p>Its Importance</p> <p>The unit shall ensure all type of solid waste (dry and wet) generated in the premise shall be scientifically processed as per the provisions of SWMR, 2016, either by own processing facility or through collaboration with rural/urban local body.</p>		
<p>Method of assessment:</p> <p>The staff auditor shall provide input if there is provision for processing of the solid waste as per SWMR, 2016.</p> <p>The auditor may provide relevant geo-tagged photograph(s) of waste processing and disposal as well as receipt of rural/urban local bodies or plan of own processing facility along with details of amount of waste generated and processed, as applicable as evidence in this regard.</p> <p>If the unit has provided their own facility or connected rural/urban local bodies for processing and disposal of waste then the unit shall be awarded maximum points i.e., 7, if not then 0 points.</p>		
Particular	Input (Yes/ No)	Points Awarded
Whether the unit is engaged in collection and segregating the waste at source and ensuring proper processing & disposal with respect to SWM Rules (Scientific disposal of solid waste), 2016?	Yes	7
	No	0
<p>Example:</p> <p>Whether the unit is engaged in collection and segregating the waste at source and ensuring proper processing & disposal with respect to SWMR, 2016? Yes Points awarded: 7</p>		

4.2.3.3. Innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse

Criteria M.3.3		Maximum Points: 5
Innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse		
<p>Hotels around the world are rolling out a plethora of green initiatives. Sustainable hotels are businesses that significantly reduce their environmental pollution footprint through green practices in maintenance, services, logistics, products, and supplies. The core elements revolve around reducing waste, saving energy and cutting down on water usage.</p> <p>For example, the hotel may prepare poly brick, which is a plastic bottle packed with used plastics. The hotel may use single-use plastic such as chocolate/chips wrapper to fill the plastic water bottles. These poly bricks can later be used to create structures such as walls of outdoor toilets. Hotels may recycle water bottles and other waste to plant trees by using them as flowerpots, use them as electric bulb holders, etc.</p> <p>So, the aim here is to encourage new and creative ideas/ practices and reward the hotel units who are performing any such innovative activity which leads to solid waste minimisation, treatment, and reuse/ recycling.</p>		
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse.</p> <p>The auditor may upload geo-tagged photograph(s) and a synopsis of the innovative practice and other evidence, as applicable in this regard.</p> <p>If the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse, then unit shall be awarded maximum points i.e. 5, if not then 0 points.</p>		
Particular	Input (Yes/ No)	Points Awarded
Whether the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment,	Yes	5
	No	0

recycling/ reuse?		
<p>Example:</p> <p>Whether the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse? Yes</p> <p>Points awarded: 5</p>		

4.2.3.4. Training of management and staff about best SWM practices and appropriate SWM behaviour

Criteria M.3.4 Training of management and staff about best SWM practices and appropriate SWM behaviour	Maximum Points: 5
<p>Its Importance</p> <p>Employees are also an important component in the success of implementing green practices in the hotel industry. The unit, therefore, needs to improve employees’ environmental knowledge, awareness and concern to prevail in meeting the challenges of implementing green practices. For this purpose, the unit may conduct in-house training for its staff or coordinate with one of the NGOs operating in the State for the same.</p>	
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit has provided training to their staff regarding environmental laws and best green practices in-house or with engagement of an NGO or through any other mode in the last two years.</p> <p>The auditor may upload photograph(s) or training completion certificate from the trainer organisation or self-certification of the training completion or other evidence, as applicable in this regard.</p> <p>If the unit has provided training to their staff regarding environment laws and best green practices in-house or with engagement of an NGO or through any other mode in last two years, the unit shall be awarded maximum points i.e. 5, if not then 0 points.</p>	

	Particular	Input (Yes/ No)	Points Awarded
	Whether the unit has provided training to their staff regarding environmental laws and best green practices in-house or with engagement of an NGO or through any other mode in last two years?	Yes	5
		No	0
<p>Example:</p> <p>Whether the unit has provided training to their staff regarding environmental laws and best green practices in-house or with engagement of an NGO or through any other mode in last two years? Yes</p> <p>Points awarded: 5</p>			

4.2.3.5. Use of clean fuels

Criteria M.3.5 Use of clean fuels	Maximum Points: 4
<p>Its Importance</p> <p>Today, common fuels used in hotel kitchens are:</p> <ol style="list-style-type: none"> a. LPG b. CNG c. Coal d. Wood e. Electricity <p>Out of the above, usage of coal and wood as fuel leads to high air pollution. So, the idea is to discourage the use of such fuel options and reduce the carbon footprint of the unit.</p>	
<p>Method of assessment:</p> <p>The staff auditor shall provide information about the fuel used in the hotel's kitchen.</p> <p>The auditor may upload bill(s) or photos of the same as evidence in this regard.</p> <p>If the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen then unit shall be awarded maximum points i.e. 4 points, if not then 0.</p>	

	Particular	Input (Yes/ No)	Points Awarded
	Whether the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen?	Yes	4
		No	0

Example:

Whether the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen? Yes

Points awarded: 4

4.2.3.6. Use of non-disposable dishware

Criteria M.3.6 Use of non-disposable dishware	Maximum Points: 3
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Its Importance

The use of non-disposable dishware cuts down on the use of straws, plastic serving ware, and paper plates at your facility. It will help to save money in lower supply costs and waste management (the less your hotel throws out, the lower the cost for trash hauling).

Method of assessment:

The staff auditor shall provide information if the unit uses non-disposable dishware.

The auditor may upload geo-tagged photograph(s) or bill(s) as evidence in this regard.

If the unit uses non-disposable dishware, the unit shall be awarded maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit uses non-disposable dishware?	Yes	3
	No	0

Example:

Whether the unit uses non-disposable dishware? Yes

Points awarded: 3

4.2.3.7. Hazardous Waste Management

Criteria M.3.7 Hazardous Waste Management	Maximum Points: 3
<p>Its Importance</p> <p>As per Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016 as amended till date: -</p> <p>“Hazardous waste” means any waste with characteristics such as physical, chemical, biological, reactive, toxic, flammable, explosive or corrosive, causes danger or is likely to cause danger to health or environment, whether alone or in contact with other wastes or substances, and shall include:</p> <ul style="list-style-type: none">(i) waste specified under column (3) of Schedule I;(ii) waste having equal or more than the concentration limits specified for the constituents in class A and class B of Schedule II or any of the characteristics as specified in class C of Schedule II; and(iii) wastes specified in Part A of Schedule III in respect of import or export of such waste or the wastes not specified in Part A but exhibit hazardous characteristics specified in Part C of Schedule III; <p>Generally, hazardous waste generated from the hotels is used/spent oil or any other hazardous waste including domestic hazardous waste. Domestic hazardous wastes include discarded paint drums, pesticide cans, CFL bulbs, tube lights, expired medicine, broken mercury thermometer, used batteries, used needles and syringes and contaminated gauge generated in the hotel. The used/spent oil or other hazardous waste can be disposed off either through collector/processor or TSDF (Treatment Storage and Disposal Facility) authorized by the State Pollution Control Board.</p>	
<p>Method of assessment:</p> <p>The staff auditor shall provide information whether the unit ensures proper handling, storage and disposal of hazardous waste through a TSDF facility or collector/processor authorized by Pollution Control Board.</p> <p>The staff auditor may upload agreement with TSDF Facility or collector/processor and supporting documents of recent handing over of the Hazardous Waste to TSDF facility or collector/processor.</p> <p>If the unit ensures proper handling, storage and disposal of hazardous waste through a TSDF facility or collector/processor authorized by State Pollution Control Board, the unit shall be awarded maximum points i.e. 3, if not then</p>	

0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit ensures proper handling, storage and disposal of hazardous waste through a TSDF facility or collector/processor authorized by State Pollution Control Board?	Yes	3
	No	0

Example:

Whether the unit ensures proper handling, storage and disposal of hazardous waste through a TSDF facility or collector/processor authorized by State Pollution Control Board? Yes

Points awarded: 3

4.2.3.8. Management of sanitary waste (diapers, sanitary pads, condoms etc.)

<p>Criteria M.3.8</p> <p>Management of sanitary waste (diapers, sanitary pads, condoms etc.)</p>	<p>Maximum Points: 4</p>
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Its Importance

“Sanitary waste” means wastes comprising of used diapers, sanitary towels or napkins, tampons, condoms, incontinence sheets and any other similar waste.

As per Menstrual Hygiene Management guidelines, ‘safe disposal’ means ensuring that the process of destruction of used and soiled materials is done without human contact and with minimal environmental pollution and ‘unsafe disposal’ means throwing used cloth into ponds, rivers, or in the fields exposes others in the area to decaying material and should be avoided.

The aim here is to promote and encourage the awareness regarding safe disposal of sanitary waste and reward the units who are taking steps to ensure safe disposal of same through a local urban/rural body or by installing small scale incinerators.

Method of assessment:

The staff auditor shall provide information if the unit ensures segregation, storage and safe disposal of sanitary waste through a local rural/urban body or installing small scale incinerators.

The auditor may upload photos or bills as evidence in this regard.

If the unit ensures segregation, storage and safe disposal of sanitary waste through local body or installing small scale incinerators, the unit shall be awarded maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit ensures segregation, storage and safe disposal of sanitary waste through a local rural/urban body or by installing small scale incinerators?	Yes	4
	No	0

Example:

Whether the unit ensures segregation, storage and safe disposal off sanitary waste through local body or by installing small scale incinerators? Yes

Points awarded: 4

4.2.3.9. Electrical vehicle charging station

Criteria M.3.9 Electrical vehicle charging station	Maximum Points: 3
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Its Importance

The use of electric vehicles is rapidly growing in the country and the State. This also needs to be promoted. More and more eco-conscious tourists are travelling in electric vehicles. Therefore, providing charging infrastructure for such vehicles will be a significant step toward contributing to the mitigation of air pollution.

Method of assessment:

The staff auditor shall provide information on whether the unit is equipped with e-vehicle charging infrastructure.

The unit may upload geo-tagged photograph(s) of the same, charging bill, etc. as evidence in this regard.

If the unit has provision for e-vehicle charging infrastructure, then the unit shall be awarded maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/No)	Points Awarded
Whether the hotel unit facilitates customers by providing an electric vehicle charging facility?	No	0
	Yes	3

Example:

Whether the hotel unit facilitates customers by providing an electric vehicle charging facility? Yes

Points awarded: 3 Points

4.2.3.10. Provision of air purifying indoor plants in the unit's premise

Criteria M.3.10 Provision of air purifying indoor plants in the unit's premise	Maximum Points: 5
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Its Importance

Maintaining the indoor air quality of hotel units is important tool in ensuring sustainable eco-friendly environment inside hotel unit. One of ways of achieving the same is by providing indoor air purifying plants.

Method of assessment:

The staff auditor shall provide information if the unit has provision for indoor air purifying plants in its premises.

The unit may upload geo tagged photograph(s) of the same as evidence in this regard.

If the unit has provision for indoor air purifying plants in the unit's premise the unit shall be awarded maximum points i.e. 5, if not then 0 points.

Particular	Input (Yes/No)	Points Awarded
Whether the hotel unit has provided for indoor air purifying plants in the unit's premise?	No	0
	Yes	5

Example:

Whether the hotel unit has provided for indoor air purifying plants in the unit's premise? Yes

Points awarded: 5 Points

4.2.3.11. Smoke free areas

Criteria M.3.11 Smoke free areas	Maximum Points: 4										
<p>Its Importance</p> <p>Maintaining the indoor air quality of hotel units is an important way of ensuring a sustainable and eco-friendly environment inside the hotel unit. One of the ways of achieving the same is by providing smoke free areas as much as possible inside the unit's premise.</p>											
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit has provision for smoke free rooms or smoke free zones.</p> <p>In cases where there is provision for smoke-free areas, the staff auditor shall provide following information</p> <ul style="list-style-type: none">i) Total build up area of the hotelii) Total area declared as smoke free areas <p>The unit may upload geo-tagged photograph(s) with details of areas declared as "Smoke Free Zone" or "No Smoking" signboards of the same as evidence in this regard.</p> <p>Based on the percentage of area of the unit have provision of smoke free area to the total area of the hotel points shall be awarded as follows: -</p>											
<table border="1"><thead><tr><th>Percentage</th><th>Points</th></tr></thead><tbody><tr><td>>40</td><td>4</td></tr><tr><td>40 to 20</td><td>3.2</td></tr><tr><td><20</td><td>2</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>	Percentage	Points	>40	4	40 to 20	3.2	<20	2	0	0	
Percentage	Points										
>40	4										
40 to 20	3.2										
<20	2										
0	0										

Example:

Total build up area hotel: 10000 sqft

Total area declared as smoke free areas: 8500 sqft

Percentage of area declared as smoke free: 85%

Points awarded: 4

4.2.4. Wastewater Management**4.2.4.1. Compliance to Water (Prevention and Control of Pollution) Act, 1974**

Criteria M.4.1 Compliance to Water (Prevention and Control of Pollution) Act, 1974	Maximum Points: 7	
<p>Its Importance</p> <p>As per the Water (Prevention & Control of Pollution) Act, 1974 & EP Rules, 1986 norms for Sewage Trade effluent, hotels are supposed to make provisions for the treatment of wastewater to ensure it complies with the norms stipulated under EP Rules, 1986.</p> <p>For ensuring the same unit should either install captive treatment plant of adequate capacity or should be connected with a common wastewater treatment facility to ensure that wastewater is treated adequately and complies with the norms, or use a septic tank(s), if applicable.</p>		
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit is equipped with captive treatment plant, septic tank(s), or is connected with a common treatment facility.</p> <p>The auditor may upload geo-tagged photograph(s) and other evidence, as applicable.</p> <p>If the unit is equipped with captive treatment plant or septic tank(s) or is connected with a common treatment facility, the unit shall be awarded maximum points i.e. 7, if not then 0 points. The disposal of treated wastewater should be compliant to norms where applicable.</p>		
Particular	Input (Yes/ No)	Points Awarded
Whether the unit is equipped with captive treatment plant or septic	Yes	7

tanks(s) or is connected with common treatment facility & discharge is compliant, where applicable?	No	0
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Example:

Whether the unit is equipped with captive treatment plant or septic tanks(s) or is connected with common treatment facility & discharge is compliant, where applicable? Yes

Points awarded: 7

4.2.4.2. Training of management and staff regarding liquid waste management

Criteria M.4.2	Maximum Points : 3
Training of management and staff regarding liquid waste management	

Its Importance

Employees are also an important component in the success of implementing green practices in the hotel industry. A company, therefore, needs to improve employees' environmental knowledge, awareness and concern to prevail in meeting the challenges of implementing green practices.

Method of assessment:

The staff auditor shall provide information if the unit has provided training to their staff regarding liquid waste management in-house or with engagement of Non-Governmental Organization (NGO) or through any other mode in the last two years.

The auditor may upload photograph(s), training completion certificate from the trainer organisation or other evidence, as applicable in this regard.

If the unit has provided training to their staff regarding liquid waste management in-house or with engagement of NGO or through any other mode in last two years, the unit shall be awarded maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit has provided training to their staff regarding liquid	Yes	3

	waste management in-house or with engagement of an NGO or through any other mode in last two years?	No	0
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Example:

Whether the unit has provided training to their staff regarding liquid waste management in-house or with engagement of an NGO or through any other mode in last two years? Yes

Points awarded: 3

4.2.4.3. Captive sewage treatment facility including grey water management

<p align="center">Criteria M.4.3</p> <p align="center">Captive sewage treatment facility including grey water management</p>	<p align="center">Maximum Points: 3</p>
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Its Importance

Wastewater generated from hotel units generally comprising of Sewage, Grey wastewater (Washbasins, Kitchens, Bathrooms, laundry), which is generally not treated efficiently, if the hotel unit is not having a captive facility of sewage & grey water management system. Mid-size hotels are not mandated with a provision of providing a captive sewage treatment plant. However, if the hotel unit provides a captive sewage treatment facility including grey water management, then it's a significant step in ensuring a sustainable and eco-friendly environment as well as reducing wastewater pollution footprint.

Method of assessment:

The staff auditor shall provide information if the unit has a captive sewage treatment facility including grey water management.

The unit may upload geo-tagged photograph(s) with details of capacity, treatment technology, etc., as evidence in this regard.

If the unit is equipped with captive sewage treatment facility including grey water management, the unit shall be awarded maximum points i.e. 3, if not then 0 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the hotel unit is	No	0

	equipped with captive sewage treatment facility including grey water management?	Yes	3	
--	--	-----	---	--

Example:

Whether the hotel unit is equipped with captive sewage treatment facility including grey water management? Yes

Points awarded. 3

4.2.5. Others

4.2.5.1. Use of green products (soaps, detergents etc.)

Criteria M.5.1	Maximum Points: 3
Use of green products (soaps, detergents etc.)	

Its Importance

The products such as shampoo, soaps, detergents etc. in the market contain harsh chemicals that not just can cause some serious side effects but also affects the environment.

The harmful chemicals in these products go down the drain and end up in the environment again. Organic soaps, detergents, cleaners and other daily use products contain ingredients that get quickly decomposed.

So, the idea is to encourage use of such green products in hotels.

Method of assessment:

The staff auditor shall provide following information:

- (i) Whether the unit uses/ provides green/ organic soaps and shampoos to customers?
- (ii) Whether the unit uses green/ organic detergents for washing bedsheets, towels?
- (iii) Whether the unit uses green/ organic room/ toilet cleaners?

The auditor may upload photos, bills and other evidence, as applicable in this regard.

The points shall be awarded in following manner: -

Particular	Input (Yes/ No)	Points Awarded
Whether the unit uses/	Yes	1

	provides green/ organic soaps and shampoos to customers?	No	0
	Whether the unit uses green/ organic detergents for washing bedsheets, towels etc.?	Yes	1
		No	0
	Whether the unit uses green/ organic room/ toilet cleaners?	Yes	1
		No	0

Example:

Whether the unit uses/ provides green/ organic soaps and shampoos to customers? Yes

Points awarded: 1

Whether the unit uses green/ organic detergents for washing bedsheets, towels etc.? No

Points awarded: 0

Whether the unit uses green/ organic room/ toilet cleaners? Yes

Points awarded: 1

Total points awarded: 2

4.2.5.2. Providing green cover

Criteria M.5.2 Providing green cover	Maximum Points: 2
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Its Importance

All hotels, no matter their size or location, can benefit from adding a little live decor to their indoor and outdoor spaces. The benefits of plants have long been well known as well as visual appeal, they help filter toxins from the air and regulate temperature and reduce the carbon footprint of the unit.

The green cover can be provided in form of indoor plantation, vertical garden, roof top plantation, gardens etc. and the idea here is to promote the plantation activities by hotel units by awarding points.

Method of assessment:

The staff auditor shall provide following information:

- (i) Does the unit have a vertical garden in the premises?
- (ii) Does the unit practice rooftop plantation?

(iii) Does the unit have plantation around the hotel within premises?

The auditor may upload geo-tagged photograph(s) of the same as evidence in this regard.

The points shall be awarded in following manner: -

Particular	Input	Points Awarded
Does the unit have a vertical garden in the premises?	Yes	0.5
	No	0
Does the unit practice rooftop plantation?	Yes	0.5
	No	0
Does the unit have plantation around the hotel within premises?	Yes	1
	No	0

Example:

Does the unit have a vertical garden in the premises? Yes

Points awarded: 0.5

Does the unit practice rooftop plantation? No

Points awarded: 0

Does the unit have plantation around the hotel within premises? Yes

Points awarded: 1

Total points awarded: 1.5

4.2.5.3. Compliance of Noise Pollution (Regulation and Control) Rules, 2000

Criteria M.5.3	Maximum Points: 4
Compliance of Noise Pollution (Regulation and Control) Rules, 2000	

Its Importance

Everyone deserves to have a good night's sleep, even when they're travelling. However, noise is the most frequent complaint from hotel guests. Hotels have quite a few noises generating sources such as pumps, motors, DG sets, the sound produced in banquet halls and external noise sources.

Such sources of noise pollution also disturb people living in the vicinity of hotels.

Some effective methods to reduce noise in hotels include:

- (i) Green Muffler is a technique of reducing noise pollution by planting 4-6 rows of trees around the hotel so that dense trees reduce noise pollution as they filter out the noise and obstruct it from reaching the citizens.
- (ii) Installation of retrofitted device in DG sets etc.
- (iii) Sound proofing of banquet halls, etc.

The idea here is to encourage hotel units to adopt practices to reduce and absorb noise pollution in and around the hotel.

Method of assessment:

The self-auditor shall provide following information if the unit has

- (i) green muffler constructed around the hotel unit?
- (ii) retrofitted device installed in DG set?
- (iii) sound proofing of banquet halls, etc.?

The staff auditor may upload photos, bills or related document as evidence in this regard.

Based on the whether the unit has provided facilities to reduce noise pollution, point shall be awarded in following manner: -

Particular	Input (Yes/ No)	Points Awarded
Whether Green Muffler constructed around the hotel unit?	Yes	2
	No	0
Whether retrofitted device installed in DG set?	Yes	1
	No	0
Whether there is provision of sound proofing of banquet halls?	Yes	1
	No	0

Example:

Whether Green Muffler constructed around the hotel unit: Yes

Points awarded: 2

Whether retrofitted device installed in DG set: Yes
Points awarded: 1
Whether there is provision of sound proofing of banquet halls: Yes
Points awarded: 1
Total Points: 4

4.2.5.4. Information on local eco-tourism attractions

Criteria M.5.4	Maximum Points: 2								
Information on local eco-tourism attractions									
<p>Its Importance</p> <p>Tourism units can contribute to eco-tourism attractions in their vicinity by providing information regarding them to the tourist. So, providing information by hotel units is also contributing towards a sustainable eco-friendly environment.</p>									
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit provides guest with information on local eco-tourism attractions.</p> <p>The unit may upload geo-tagged photograph(s) with details of information on local eco-tourism attractions provided as evidence in this regard, such as boards and pamphlets.</p> <p>Based on the information provided points shall be awarded as follows:-</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Particular</th> <th style="width: 25%;">Input (Yes/No)</th> <th style="width: 25%;">Points Awarded</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Whether the hotel unit provides guests with information on local eco-tourism attractions?</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">No</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Particular	Input (Yes/No)	Points Awarded	Whether the hotel unit provides guests with information on local eco-tourism attractions?	Yes	2	No	0
Particular	Input (Yes/No)	Points Awarded							
Whether the hotel unit provides guests with information on local eco-tourism attractions?	Yes	2							
	No	0							
<p>Example:</p> <p>Whether the hotel unit provides guests with information on local eco-tourism attractions? Yes</p> <p>Points awarded: 2</p>									

4.2.5.5. Posters promoting environmental awareness on premises

Criteria M.5.5		Maximum Points: 2								
Posters promoting environmental awareness on premises										
<p>Its Importance</p> <p>It is important to make guests and tourists travelling to the State aware about the dos and don'ts and eco-friendly practice which they must adopt during their stay here. So, providing information by hotel units through posters or pamphlets will help contribute towards sustainable eco-friendly environment.</p>										
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit taken steps to raise environmental awareness amongst the guest of the hotel.</p> <p>The unit may upload geo-tagged photograph(s) with details of posters promoting environmental awareness provided as evidence in this regard.</p> <p>Based on the provision of posters provided promoting environmental awareness in the hotel points shall be awarded as follows:-</p>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Particular</th> <th style="width: 20%; text-align: center;">Input (Yes/No)</th> <th style="width: 30%; text-align: center;">Points Awarded</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="vertical-align: top;">Whether the hotel unit has taken steps to raise environmental awareness amongst guests?</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">No</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>			Particular	Input (Yes/No)	Points Awarded	Whether the hotel unit has taken steps to raise environmental awareness amongst guests?	Yes	2	No	0
Particular	Input (Yes/No)	Points Awarded								
Whether the hotel unit has taken steps to raise environmental awareness amongst guests?	Yes	2								
	No	0								
<p>Example:</p> <p>Whether the hotel unit has taken steps to raise environmental awareness amongst guests? Yes</p> <p>Points awarded: 2</p>										

4.3. Assessment Criteria (Small Hotels)

The hotels which have less than 5 rooms are categorized as Small Hotels, for whom the assessment criteria are as follows:

4.3.1. Water Conservation

4.3.1.1. Low flow toilets

Criteria S.1.1 Low flow toilets	Maximum Points : 2										
Its Importance A low-flush or low-flow toilet is a flush toilet that is adapted in order to use significantly less water than a full-flush toilet. Low-flush toilets use a special design of the cistern and the siphon to allow the removal of faeces and excreta with less water. Most often, they also include a dual flush system, with one flush being designed for urine only, using even less water than the other designed for faeces.											
Method of assessment: The staff auditor shall provide the following information: <ul style="list-style-type: none">i) Number of toilets with flush systemii) Number of low-flow toilets The auditor may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard. Based on the percentage of low flow toilets out of total toilets with flush system, points shall be awarded is as follows: -											
<table border="1"><thead><tr><th>Percentage</th><th>Points</th></tr></thead><tbody><tr><td>>80</td><td>2</td></tr><tr><td>60 to 80</td><td>1.6</td></tr><tr><td><60</td><td>1</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>	Percentage	Points	>80	2	60 to 80	1.6	<60	1	0	0	
Percentage	Points										
>80	2										
60 to 80	1.6										
<60	1										
0	0										

Example:

Total number of toilets with flush system: 50

Total number of low flow toilets: 30

Percentage of low flow toilets out of total toilets with flush system: 60% (30/50)

Points awarded: 1.6

4.3.1.2. Low flow shower heads and taps

Criteria S.1.2 Low flow shower heads and taps	Maximum Points : 3										
<p>Its Importance</p> <p>Water consumption can be reduced by installing low flow taps and shower heads. The average shower uses around 15 litres of water per minute. Installing low flow shower heads and taps can reduce the amount of water one consumes by around 50-70%, bringing the shower flow down to 6-9 litres a minute without compromising on water pressure.</p>											
<p>Method of assessment:</p> <p>The staff auditor shall provide the following information:</p> <ul style="list-style-type: none"> i) Total number of shower heads and taps ii) Total number of low-flow shower heads and taps <p>The auditor may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>Based on the percentage of low flow shower heads and taps out of the total number of showers and taps, points shall be awarded as follows: -</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Percentage</th> <th style="text-align: center;">Points</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">>80</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">60 to 80</td> <td style="text-align: center;">2.4</td> </tr> <tr> <td style="text-align: center;"><60</td> <td style="text-align: center;">1.5</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		Percentage	Points	>80	3	60 to 80	2.4	<60	1.5	0	0
Percentage	Points										
>80	3										
60 to 80	2.4										
<60	1.5										
0	0										

Example:

Total number of shower heads and taps: 50

Total number of low flow shower heads and taps: 40

Percentage of low flow shower heads and taps out of total: 80% (40/50)

Points awarded: 2.4

4.3.2. Energy Efficiency

4.3.2.1. Installation of LED Lights

Criteria S.2.1 Installation of LED lights	Maximum Points: 3
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Its Importance

The light-emitting diode (LED) is today's most energy-efficient and rapidly developing lighting technology. Good quality LED light bulbs last longer, are more durable, and offer comparable or better light quality than other types of lighting.

Method of assessment:

The staff auditor shall provide the following inputs:

- a. Total number of light bulbs and tube-lights installed
- b. Total number of LED bulbs and tube-lights installed

The auditor may also upload relevant geo-tagged photograph(s), bills and other evidence, as applicable in this regard.

Based on the percentage of LED bulbs and tubelights out of the total number of light bulbs & tube-light, points shall be awarded as follows: -

Percentage	Points
>80	3
60 to 80	2.4
<60	1.5
0	0

Example:

Total number of light bulbs and tube-lights installed: 50

Total number of LED bulbs and tube-lights installed: 25

Percentage of LED bulbs and tube-lights out of total: 50% (25/50)

Points awarded: 1.5

4.3.2.2. Installation of equipment with 4 or 5 star energy saving rating

Criteria S.2.2 Installation of equipment with 4 or 5 star energy saving rating	Maximum Points: 3										
Its Importance Bureau of Energy Efficiency (BEE) Star Label is a program run by the Ministry of Power, Government of India that promotes energy efficiency. The program provides information on the energy consumption of products and devices using different standardized methods. Each appliance gets between one and five stars, with five stars meaning that it's extremely efficient and shall consume less electricity than four stars and so on. Energy efficient appliances use less electricity to achieve the same level of performance as similar models with the same size or capacity.											
Method of assessment: The staff auditor shall provide the following details: (i) Total number of fridges, TVs, ACs, geysers: (ii) Total number of fridges, TVs, ACs, geysers having 4 or 5 star energy saving rating: The unit may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard. Based on the percentage of fridges, TVs, ACs, geysers having 4 or 5 star energy rating, points shall be awarded as follows: -											
<table border="1"><thead><tr><th>Percentage</th><th>Points</th></tr></thead><tbody><tr><td>>80</td><td>3</td></tr><tr><td>60 to 80</td><td>2.4</td></tr><tr><td><60</td><td>1.5</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>	Percentage	Points	>80	3	60 to 80	2.4	<60	1.5	0	0	
Percentage	Points										
>80	3										
60 to 80	2.4										
<60	1.5										
0	0										

Example:

Total number of fridges, TVs, ACs, geysers: 10

Total number of fridges, TVs, ACs, geysers having 4 or 5 star energy rating: 5

Percentage of fridges, TVs, ACs, geysers having 4 or 5 star energy rating out of total: 50% (25/50)

Points awarded: 1.5

4.3.2.3. Auto cut off power when guests leave the room

Criteria S.5.3	Maximum Points: 3
Auto cut off power when guests leave the room	

Its Importance

Auto cut off power is an essential tool for energy saving for hotels.

The idea here is to encourage hotel unit to employ energy saving tools such as auto-cut off power facility.

Method of assessment:

The staff auditor shall provide information if the unit has auto cut facility when guests leave the room. If the unit has auto cut facility, the following information may be provided:

- (i) number of rooms equipped with this facility.

The unit may upload geo-tagged photograph(s)/ plan of the same as evidence in this regard.

Based on percentage of rooms that has auto cut facility when guests leave the room, the points shall be awarded in following manner: -

Percentage	Points
>80	4
60 to 80	3.2
<60	2
0	0

Example:

Total number of rooms: 100

Number of rooms equipped with the auto cut facility: 75

Percentage of rooms with auto cut facility to the total number of rooms in the hotel: 75% (75/50)
Points awarded: 3.2

4.3.3. Solid Waste Minimization and Management and Air Pollution Control

4.3.3.1. Segregation of solid waste by providing dry & wet waste collection bins in kitchen/lobby

Criteria S.3.1 Segregation of solid waste by providing dry & wet waste collection in kitchen/lobby		Maximum Points: 3
<p>Its Importance</p> <p>Segregation of solid waste is important step for ensuring effective management of the waste generated from hotels. Waste should be at least segregated into dry and wet form into separate dustbins, before handing over to waste disposal facility.</p>		
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit is equipped with segregation of solid waste generated by providing dry and wet dustbins in the lobby and kitchen before ensuring its scientific disposal.</p> <p>The auditor may upload geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>If the unit has provided dry & wet waste collection bins in lobby and kitchen, the unit shall be awarded maximum points i.e., 5 points., if not then zero point.</p>		
Particular	Input (Yes/No)	Points Awarded
Whether the unit has provided dry & wet waste bins in lobby and kitchen before ensuring its scientific disposal?	No	0
	Yes	3
<p>Example:</p> <p>Whether the unit has provided dry & wet waste collection bins in lobby and kitchen before ensuring its scientific disposal? Yes</p> <p>Points awarded: 3</p>		

4.3.3.2. Compliance to SWM Rules (Scientific disposal of solid waste), 2016

Criteria S.3.2		Maximum Points : 5
Compliance to SWM Rules (Scientific disposal of solid waste), 2016		
<p>Its Importance</p> <p>The unit shall ensure all type of solid waste (dry and wet) generated in the premise shall be scientifically processed as per the provisions of SWMR, 2016, either by own processing facility or through collaboration with rural/urban local body.</p>		
<p>Method of assessment:</p> <p>The staff auditor shall provide input if there is provision for processing of the solid waste as per SWMR, 2016.</p> <p>The auditor may provide relevant geo-tagged photograph(s) of waste processing and disposal as well as receipt of rural/urban local bodies or plan of own processing facility along with details of amount of waste generated and processed, as applicable as evidence in this regard.</p> <p>If the unit has provided their own facility or connected rural/urban local bodies for processing and disposal of waste then unit shall be awarded maximum points i.e., 5, if not then 0 points.</p>		
Particular	Input (Yes/ No)	Points Awarded
Whether the unit is engaged in collection and segregating the waste at source and ensuring proper processing & disposal with respect to SWM Rules (Scientific disposal of solid waste), 2016?	Yes	5
	No	0
<p>Example:</p> <p>Whether the unit is engaged in collection and segregating the waste at source and ensuring proper processing & disposal with respect to SWMR, 2016?: Yes Points awarded: 5</p>		

4.3.3.3. Innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse

Criteria S.3.3		Maximum Points: 5
Innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse		
<p>Its Importance</p> <p>Hotels around the world are rolling out a plethora of green initiatives. Sustainable hotels are businesses that significantly reduce their environmental pollution footprint through green practices in maintenance, services, logistics, products, and supplies. The core elements revolve around reducing waste, saving energy and cutting down on water usage.</p> <p>For example, the hotel may prepare poly brick, which is a plastic bottle packed with used plastics. The hotel may use single-use plastic such as chocolate/chips wrapper to fill the plastic water bottles. These poly bricks can later be used to create structures such as walls of outdoor toilets. Hotels may recycle water bottles and other waste to plant trees by using them as flowerpots, use them as electric bulb holders, etc.</p> <p>So, the aim here is to encourage new and creative ideas/ practices and reward the hotel units who are performing any such innovative activity which leads to solid waste minimisation, treatment, and reuse/ recycling.</p>		
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse.</p> <p>The auditor may upload geo-tagged photograph(s) and a synopsis of the innovative practice and other evidence, as applicable in this regard.</p> <p>If the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse, then unit shall be awarded maximum points i.e. 5, if not then 0 points.</p>		
Particular	Input (Yes/ No)	Points Awarded
Whether the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/	Yes	5
	No	0

reuse?		
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Example:

Whether the unit is engaged in any innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse? Yes

Points awarded: 5

4.3.3.4. Use of clean fuels

Criteria S.3.4 Use of clean fuels	Maximum Points: 4
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Its Importance

Today, common fuels used in hotel kitchens are:

- a. LPG
- b. CNG
- c. Coal
- d. Wood
- e. Electricity

Out of the above, usage of coal and wood as fuel leads to high air pollution. So, the idea is to discourage the use of such fuel options and reduce the carbon footprint of the unit.

Method of assessment:

The staff auditor shall provide information about the fuel used in the hotel's kitchen.

The auditor may upload bill(s) or geo-tagged photograph(s) of the same as evidence in this regard.

If the unit uses coal or wood as fuel in hotel's kitchen, the unit shall be awarded zero points, if the unit is using any clean fuel, then maximum points i.e. 4 points.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen?	Yes	4
	No	0

Example:

Whether the unit uses clean fuel instead of coal or wood as fuel in hotel's kitchen? Yes

Points awarded: 4

4.3.3.5. Use of non-disposable dishware.

Criteria S.3.5 Use of non-disposable dishware.		Maximum Points: 2
Its Importance		
<p>The use of non-disposable dishware cuts down on the use of straws, plastic serving ware, and paper plates at your facility. It will help to save money in lower supply costs and waste management (the less your hotel throws out, the lower the cost for trash hauling).</p>		
Method of assessment:		
<p>The staff auditor shall provide information if the unit uses non-disposable dishware.</p> <p>The auditor may upload geo-tagged photograph(s) or bill(s) as evidence in this regard.</p> <p>If the unit uses non-disposable dishware, the unit shall be awarded maximum points i.e. 2, if not then 0 points.</p>		
Particular	Input (Yes/ No)	Points Awarded
Whether the unit has uses non-disposable dishware	Yes	2
	No	0
Example:		
<p>Whether the unit has uses non-disposable dishware: Yes</p> <p>Points awarded: 2</p>		

4.3.3.6. Provision of air purifying indoor plants in the unit's promises

Criteria S.3.6 Provision of air purifying indoor plants in the unit's promises		Maximum Points: 4
<p>Its Importance</p> <p>Maintaining the indoor air quality of hotel units is important tool in ensuring sustainable eco-friendly environment inside hotel unit. One of ways of achieving the same is by providing indoor air purifying plants.</p>		
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit has provision for indoor air purifying plants in its premises.</p> <p>The unit may upload geo tagged geo-tagged photograph(s) of the same as evidence in this regard.</p> <p>If the unit has provision for indoor air purifying plants in the unit's premise the unit shall be awarded maximum points i.e. 4, if not then 0 points</p>		
Particular	Input (Yes/ No)	Points Awarded
Whether the hotel unit has provision for indoor air purifying plants in the unit's premise?	Yes	4
	No	0
<p>Example:</p> <p>Whether the hotel unit has provided for indoor air purifying plants in the unit's premise? Yes</p> <p>Points awarded: 4 Point</p>		

4.3.4. Wastewater Management

4.3.4.1. Compliance to Water (Prevention and Control of Pollution) Act, 1974

Criteria S.4.1 Compliance to Water (Prevention and Control of Pollution) Act, 1974		Maximum Points: 5
<p>Its Importance</p> <p>As per the Water (Prevention & Control of Pollution) Act, 1974 & EP Rules,</p>		

1986 norms for Sewage Trade effluent, hotels are supposed to make provisions for the treatment of wastewater to ensure it complies with the norms stipulated under EP Rules, 1986.

For ensuring the same unit should either install captive treatment plant of adequate capacity or should be connected with a common wastewater treatment facility to ensure that wastewater is treated adequately and complies with the norms, or use a septic tank(s), if applicable.

Method of assessment:

The staff auditor shall provide information if the unit is equipped captive treatment plant, septic tank(s), or is connected with a common treatment facility.

The auditor may upload photos and other evidence, as applicable.

If the unit is equipped captive treatment plant or septic tank(s) or is connected with a common treatment facility, the unit shall be awarded maximum points i.e. 5, if not then 0 points. The disposal of treated wastewater should be compliant to norms where applicable.

Particular	Input (Yes/ No)	Points Awarded
Whether the unit is equipped with captive treatment plant or septic tanks(s) or connected with common treatment facility & discharge is compliant, where applicable.	Yes	5
	No	0

Example:

Whether the unit is equipped with captive treatment plant or septic tanks(s) or connected with common treatment facility & discharge is compliant, where applicable? Yes

Points awarded: 5

4.3.5. Others

4.3.5.1. Use of green products (soaps, detergents etc.)

Criteria S.5.1	Maximum Points: 3
Use of green products (soaps, detergents etc.)	

Its Importance

The products such as shampoo, soaps, detergents etc. in the market contain

harsh chemicals that not just can cause some serious side effects but also affects the environment.

The harmful chemicals in these products go down the drain and end up in the environment again. Organic soaps, detergents, cleaners and other daily use products contain ingredients that get quickly decomposed.

So, the idea is to encourage use of such green products in hotels.

Method of assessment:

The staff auditor shall provide following information:

- (i) Whether the unit uses/ provides green/ organic soaps and shampoos to customers?
- (ii) Whether the unit uses green/ organic detergents for washing bedsheets, towels?
- (iii) Whether the unit uses green/ organic room/ toilet cleaners?

The auditor may upload photos, bills and other evidence, as applicable in this regard.

The points shall be awarded in following manner: -

Particular	Input (Yes/ No)	Points Awarded
Whether the unit uses/ provides green/ organic soaps and shampoos to customers?	Yes	1
	No	0
Whether the unit uses green/ organic detergents for washing bedsheets, towels etc.?	Yes	1
	No	0
Whether the unit uses green/ organic room/ toilet cleaners?	Yes	1
	No	0

Example:

Whether the unit uses/ provides green/ organic soaps and shampoos to customers? Yes

Points awarded: 1

Whether the unit uses green/ organic detergents for washing bedsheets, towels etc.? No

Points awarded: 0

Whether the unit uses green/ organic room/ toilet cleaners? Yes

Points awarded: 1

Total points awarded: 2

4.3.5.2. Compliance of Noise Pollution (Regulation and Control) Rule, 2000

Criteria S.5.2 Compliance of Noise Pollution (Regulation and Control) Rule, 2000	Maximum Points: 4
<p>Its Importance</p> <p>Everyone deserves to have a good night’s sleep, even when they’re travelling. However, noise is the most frequent complaint from hotel guests. Hotels have quite a few noises generating sources such as pumps, motors, DG sets, the sound produced in banquet halls and external noise sources. Such sources of noise pollution also disturb people living in the vicinity of hotels.</p> <p>Some effective methods to reduce noise in hotels include:</p> <ul style="list-style-type: none">(i) Green Muffler is a technique of reducing noise pollution by planting 4-6 rows of trees around the hotel so that dense trees reduce noise pollution as they filter out the noise and obstruct it from reaching the citizens.(ii) Installation of retrofitted device in DG sets etc.(iii) Sound proofing of banquet halls, etc. <p>The idea here is to encourage hotel units to adopt practices to reduces and absorb the noise pollution in and around the hotel.</p>	
<p>Method of assessment:</p> <p>The self-auditor shall provide following information if the unit has</p> <ul style="list-style-type: none">(i) green muffler constructed around the hotel unit?(ii) retrofitted device installed in DG set?(iii) sound proofing of banquet halls, etc.? <p>The staff auditor may upload photos, bills or related document as evidence in this regard.</p>	

Based on the whether the unit has provided facilities to reduce noise pollution, point shall be awarded in following manner: -

Particular	Input (Yes/No)	Points Awarded
Whether Green Muffler constructed around the hotel unit?	Yes	2
	No	0
Whether retrofitted device installed in DG set?	Yes	1
	No	0
Whether there is provision of sound proofing of banquet halls?	Yes	1
	No	0

Example:

Whether Green Muffler constructed around the hotel unit? Yes

Points awarded: 0

Whether retrofitted device installed in DG set? Yes

Points awarded: 1

Whether there is provision of sound proofing of banquet halls? Yes

Points awarded: 1

Total Points: 2

4.3.5.3. Posters promoting environmental awareness on premises

Criteria S.5.3 Posters promoting environmental awareness on premises	Maximum Points: 2
<p>Its Importance</p> <p>It is important to make guests and tourists travelling to the State aware about the do's and don'ts and eco-friendly practice which they must adopt during their stay here. So, providing information by hotel units through posters or pamphlets will help contribute towards sustainable eco-friendly environment.</p>	
<p>Method of assessment:</p> <p>The staff auditor shall provide information if the unit taken steps to raise environmental awareness amongst the guest of the hotel.</p>	

The unit may upload geo-tagged photograph(s) with details of posters promoting environmental awareness provided as evidence in this regard.

Based on the provision of posters provided promoting environmental awareness in the hotel points shall be awarded as follows:-

Particular	Input (Yes/No)	Points Awarded
Whether the hotel unit has taken steps to raise environmental awareness amongst guests?	Yes	2
	No	0

Example:

Whether the hotel unit has taken steps to raise environmental awareness amongst guests? Yes

Points awarded: 2

5. Assessment Method

5.1. Institutional Mechanism

The program shall be implemented by the Himachal Pradesh State Pollution Control Board. The Member Secretary, HPSPCB shall act as the State Nodal Officer and shall oversee the entire implementation of the scheme in the State.

The Regional Officers of HPSPCB shall act as District Nodal officers of the program. They shall oversee the implementation of the scheme, enrollment of the tourism unit, and scrutiny of the applications for Him-GRIH Green Star Ratings.

Each of the tourism units participating in this program shall have to appoint an authorized staff, who shall be the self-auditor and shall act as a single point of contact for the unit.

5.2. Web Portal

Himachal Pradesh State Pollution Control Board has developed a portal for Green Star Rating Program. This portal shall enable the hotels to upload their applications along with all necessary documentary evidence and HPSPCB to scrutinize the application form. This portal shall also provide information for the citizens about the green star rating of the hotels.

All the hotels shall be required to register on the portal by providing the necessary details as per the registration form. After, registering, the unit must provide details of the authorized staff nominated by the unit. These authorized staff shall conduct the self-audit. The authorized staff shall act as self-auditor and then fill out the detailed questionnaire and upload necessary documents on the portal.

5.3. Application Questionnaire

The questionnaire shall contain 5 sections covering the key area of the Green Star Rating. Each factor shall be evaluated against multiple parameters. A maximum of 100 points (for large and mid-size hotels) and 50 points (for small hotels) shall be awarded across each parameter. Each of the parameters shall be evaluated through the following types of questions:

- a. Closed Questions: This set of questions will seek to know if the hotel has a provision for a certain facility. Based on the response given by the auditor, points will be awarded against the respective parameter.
- b. Quantitative Question: For certain parameters, the questions shall seek to quantify the steps undertaken by the hotel. Based on the data received from the self-auditor, compliance percentage shall be calculated against these criteria and points shall be allotted against the respective parameter.

However, for all the questions above, the self-auditor shall be required to submit documentary evidence in the form of geo-tagged photographs, bills, plans, etc., as specified for each parameter.

5.4. Award of certification

After all necessary information and evidence are submitted by the self-auditor, the application shall be auto assigned to the District Nodal Officer. These officers shall scrutinize the application submitted for Green Star Rating. Based on inputs and valid documentary evidence provided by the self-auditor, the system shall allocate/validate points against each parameter. While this is not a regulatory exercise, efforts shall be taken by the HPSPCB and its regional offices to verify the information provided by the unit is accurate. The District Nodal Officer may reduce the points in case satisfactory evidence is not submitted or based on varying information available with the regional office as per previous inspections. Thereafter, the final score shall be calculated, and Green Star Rating shall be awarded as follows:

Percentage Points Scored	Green Star Rating
85-100	5 Green Star Rating
80-84	4 Green Star Rating
75-79	3 Green Star Rating

The hotels can thereafter download the certificate. This Certificate shall be valid for one year initially. Further, after site inspection the rating shall be updated, if necessary and shall remain valid for five years.

6. Way forward

This is a novel initiative of HPSPCB to partner with the tourism industry to adopt environmentally responsible behaviour. Through this first-of-its-kind step, the Himachal Pradesh intends to move towards a sustainable future for the tourism industry in the State. Along with creating awareness among the stakeholders, this would also help the Government and the HPSPCB create a baseline of the steps taken by the tourism industry in the State in this direction.

Based on the response received, the HPSPCB shall integrate with leading portals of the State and provide information regarding the Green Star Rating of hotels.

Annexure 1–Point System (Large Hotels)

	Particular	Maximum Points	Whether Compliant (Yes/ No/NA)	If yes, compliance percentage	Supporting Documents	Points allocated
A	Water Conservation					
1.	Rainwater harvesting	5				
2.	Low flow toilets	2				
3.	Low flow shower heads and taps	3				
Sub-total (A)		10				
B	Energy Efficiency					
1.	Installation of LED lights	3				
2.	Insulation to reduce energy loss	2				
3.	Installation of equipment with 4 or 5 star energy saving rating	3				
4.	Use of renewable sources of energy	5				
5.	Use of clean fuels	5				
6.	Providing green cover	5				
7.	Natural lighting	2				
Sub-total (B)		25				
C	Solid Waste Minimization and Management and Air Pollution Control					
1.	Segregation of solid waste by providing dry & wet waste collection bins in kitchen/lobby	5				
2.	Compliance to SWM Rules (Scientific disposal of solid waste), 2016	7				
3.	Compliance to Air (Prevention and Control of Pollution) Act, 1981	5				
4.	Innovative practice/ in-house activities etc. for solid waste/	5				

	Particular	Maximum Points	Whether Compliant (Yes/ No/NA)	If yes, compliance percentage	Supporting Documents	Points allocated
	plastic/ other waste treatment, recycling/ reuse					
5.	Social work related to waste management in surrounding Panchayats	3				
6.	Training of management and staff about best SWM practices and appropriate SWM behaviour	5				
7.	Provision for waste segregation bins in guest rooms	2				
8.	Use of non-disposable dishware	3				
9.	Management of sanitary waste (diapers, sanitary pads, condoms etc.)	3				
10.	Hazardous Waste Management	3				
Sub-total (C)		41				
D	Wastewater Management					
1.	Compliance to Water (Prevention and Control of Pollution) Act, 1974	5				
2.	Training of management and staff regarding liquid waste/ sewage waste management	5				
3.	Recycling/ Re-use of treated wastewater in irrigation, toilet flushing or firefighting system	3				
Sub-total (D)		13				
E	Others					
1.	Use of green products (soaps, detergents etc.)	3				
2.	Use of organic food products	1				
3.	ISO Certification for	2				

	Particular	Maximum Points	Whether Compliant (Yes/ No/NA)	If yes, compliance percentage	Supporting Documents	Points allocated
	Environmental Management System					
4.	Compliance of Noise Pollution (Regulation and Control) Rule, 2000	2				
5.	Provision of parking space with adequate capacity	3				
	Sub-total (E)	11				



Annexure 2–Point System (Mid-Size Hotels)

	Particular	Maximum Points	Whether Compliant (Yes/ No/NA)	If yes, compliance percentage	Supporting Documents	Points allocated
A	Water Conservation					
1	Rainwater harvesting	5				
2	Low flow toilets	3				
3	Low flow shower heads and taps	3				
Sub Total(A)		11				
B	Energy Efficiency					
1	Installation of LED lights	3				
2	Installation of equipment with 4 or 5 star energy saving rating	3				
3	Use of renewable sources of energy	4				
4	Auto cut off power when guests leave the room	4				
Sub Total(B)		14				
C	Waste Management and Air Pollution Control					
1	Segregation of solid waste by providing dry & wet Waste collection bins in kitchen/lobby	5				
2	Compliance to SWM Rules (Scientific disposal of solid waste),2016	7				
3	Innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse	5				
4	Training of management and staff about best SWM practices and appropriate SWM behaviour	5				
5	Use of clean fuels	4				

	Particular	Maximum Points	Whether Compliant (Yes/ No/NA)	If yes, compliance percentage	Supporting Documents	Points allocated
6	Use of non-disposable dishware	3				
7	Hazardous Waste Management	4				
8	Management of sanitary waste (diapers, sanitary pads, condoms etc.)	4				
9	Electrical vehicle charging station	3				
10	Provision of air purifying indoor plants in the unit's premise	5				
11	Smoke free areas	4				
Sub Total(C)		49				
D	Wastewater Management					
1	Compliance to Water (Prevention and Control of Pollution) Act, 1974	7				
2	Training of management and staff regarding liquid waste management	3				
3	Captive sewage treatment facility including grey water management	3				
Sub Total(D)		13				
E	Others					
1	Use of green products (soaps, detergents etc.)	3				
2	Providing green cover	2				
3	Compliance of Noise Pollution (Regulation and Control) Rules, 2000	4				
4	Information on local eco-tourism attractions	2				
5	Posters promoting environmental awareness on premises	2				
Sub Total(E)		13				
Sub Total		100				

Annexure 3 - Point System (Small Hotels)

	Particular	Maximum Points	Whether Compliant (Yes/ No/NA)	If yes, compliance percentage	Supporting Documents	Points allocated
A	Water Conservation					
1.	Low flow toilets	2				
2.	Low flow shower heads and taps	3				
Sub Total(A)		5				
B	Energy Efficiency					
1.	Installation of LED lights	3				
2.	Installation of equipment with 4 or 5 star energy saving rating	3				
3.	Auto cut off power when guests leave the room	3				
Sub Total(B)		9				
C	Waste Management and Air Pollution Control					
1.	Segregation of solid waste by providing dry & wet waste collection in kitchen/lobby	3				
2.	Compliance to SWM Rules (Scientific disposal of solid waste) 2016	5				
3.	Innovative practice/ in-house activities etc. for solid waste/ plastic/ other waste treatment, recycling/ reuse.	5				
4.	Use of Clean fuels	4				
5.	Use of non-disposable dishware	2				
6.	Provision of air purifying indoor plants in the unit's promises	3				

	Particular	Maximum Points	Whether Compliant (Yes/ No/NA)	If yes, compliance percentage	Supporting Documents	Points allocated
Sub Total(C)		22				
D	Wastewater Management					
1.	Compliance to Water (Prevention and Control of Pollution) Act, 1974	5				
Sub Total(D)		5				
E	Others					
1.	Use of green products, (soaps, detergents etc.)	3				
2.	Compliance of Noise Pollution (Regulation and Control) Rule, 2000	4				
3.	Posters promoting environmental awareness on premises	2				
Sub Total(E)		9				
Total		50				

Annexure 4 - Undertaking on the information submitted

(On Letter Head of the Hotel)

TO

Member Secretary

Himachal Pradesh State Pollution Control Board

Him Parivesh,

Phase 3, New Shimla, Shimla,

Himachal Pradesh 171009

Sub: Application for Green Star Rating under Him-GRIH Program

Sir,

I _____ (Name of the Self-Auditor), _____ (Designation) of _____ (name of the hotel) do hereby declare that all information provided by me at the time of applying for Green Star Rating under Him-GRIH is true and correct to the best of my knowledge and belief. I also undertake that the documents submitted by me at the time of application are authentic and correct. If at any time any of the information and/or documents submitted by me are found to be incorrect/false the application will be cancelled forthwith and I shall be liable for legal action accordingly.

Signature of Self-Auditor

Full Address of the Hotel

Seal of the Hotel

Date: