



Ref No. – AIS/EC/2025/12/01

Date: 01st Dec 2025

To,
The Deputy Director
Integrated Regional Office, MoEF&CC, Jaipur, Rajasthan
Block -A, Room 218, Aranya Bhawan,
Jhalana Institutional Area,
Jaipur-302004, Rajasthan, India.

Subject: Half yearly compliance report of conditions given in Environmental Clearance of M/s. Asahi India Glass Limited, at Plot No. SP-1, RIICO Industrial Area, Soniyana, Tehsil Gangrar, District- Chittorgarh, State Rajasthan, India 312901.

Reference: E.C granted SEIAA, Rajasthan RJ/25/SEAC-4(06)/INFRA2/EC/0006 Dated 06/05/2025.

Dear Sir,

We would like to inform that our above-mentioned project has been granted Environmental Clearance vide letter no. **RJ/25/SEAC-4(06)/INFRA2/EC/0006 Dated 06/05/2025.**

The point-wise compliance of the Specific and General conditions given in the Environmental Clearance with status are enclosed along with for a period 6th May,2025 to 30th September 2025. The same is being submitted for your kind perusal.

Thanks.

For Asahi India Glass Limited

(Sanjay Ganjoo)

Authorized Signatory

Copy to following for information and necessary action:

1. The Member Secretary, State level Environment Impact Assessment Authority, Rajasthan, 10, Bhawani Singh Lane, Sahkar Marg, Jaipur-302001, Rajasthan. India.
2. The Group In charge [Mis.], Rajasthan State Pollution Control Board ,4, Institutional Area, Jhalana Doongari, Jaipur-302 004, Rajasthan.
3. The Regional Office, Rajasthan State Pollution Control Board, Near FCI Godown, Chanderiya, Chittorgarh, State Rajasthan.

Asahi India Glass Ltd.

Plant No. I

Plot No. T-7, MIDC Industrial Area,
Taloja - 410 208,
Dist. Raigad, Maharashtra, India.
Tel.: +91 22 2740 6000
Fax : +91 22 2740 6114

Plant No. II

AIS Industrial Estate, Plot No. - A,
Village - Latherdeva Hoon,
Manglaur - Jhabrera Road,
P.O. Jhabrera, Tehsil Roorkee-247 665,
Dist. Haridwar, Uttarakhand, India.
Tel. : +91 1332 224010, 224014-16
Fax : +91 1332 224114

Plant No. III

Plot No. SP-1,
RIICO Industrial Area, Soniyana,
Tehsil Gangrar - 312 901,
District - Chittorgarh,
Rajasthan, India.

Corporate Office:

Unit No. 301-308, 1101-1104,
Tower-D, 3rd Floor & 11th Floor,
Global Business Park,
M.G. Road, Gurugram-122 002,
Haryana, India.
Tel. : +91 124 4062212-19
Fax : +91 124 4062244-88

Registered Office:

A-2/10, 1st Floor,
WHS DDA Marble
Market, Kirti Nagar,
New Delhi-110 015,
India.
Tel.: +91 11 4945 4900



Plot No. SP-1, RIICO Industrial Area, Soniyana, Tehsil Gangrar, District Chittorgarh, State Rajasthan, India 312901

EC No.: **RJ/25/SEAC-4(06)/INFRA2/EC/0006 Dated 06/05/2025**

Standard EC Conditions for (Building / Construction)

1. Statutory Compliance

S. No.	Conditions	Present Status of Compliance
1.1	<p>The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.</p>	<p>The project site is permitted for the Glass manufacturing use.</p> <p>Planning/building permission for built up area of 84,403.84 sq.m was obtained from the Office of RIICO, Bhilwara, vide letter No. 2356 dated 11.11.2022. Annexure No. 1</p> <p>The land was allotted in the year 2022. Total 3,67,500 sq.m.(Plot area), Built-up area has been completed 84,403.84 sq.m.</p> <p>Environmental Clearance has been granted vide EC No. EC25C3806RJ5792017N and File No. RJ/25/SEAC-4(06)/INFRA2/EC/0006 dated 06.05.25 from SEIAA, Rajasthan. Annexure No. 2</p> <p>Total water requirement is 514 KLD including 410 KLD fresh water and 104 KLD Recycled Water. AIS has been obtained RIICO NOC No. 715 dated 02/02/2023 for water supply from RIICO, Chittorgarh. Annexure No.3A.</p> <p>AIS has been obtained Ground Water Abstraction NOC from SDO, Gangrar(Chittorgarh) NOC No. SDO/NOC/2025/01 dated 28-07-2025. Annexure No. 3B.</p> <p>The Consent to Establish obtained vide letter No. F(Tech)/Chittorgarh(Gangrar)/3969(1)/2022-2023/587-588 Order No: 2022-2023/Chittorgarh/7871 dated 24th March,2023 which is valid till 31/01/2028 for Green Automotive/Clear architectural/Tinted /Reflective /Mirror/Back Painted Glass 262,800.00 MTPA. Annexure No.4</p> <p>The Consent to Establish obtained vide letter No. F(Tech)/Chittorgarh(Gangrar)/3969(1)/2022-2023 /344-346 Order No: 2025-2026/Miscellaneous/12609 dated 9th May,2025 which is valid till 31/08/2029 for Hydrogen Gas 172,800 NM³/MONTH, Nitrogen Gas 1,656,000 NM³/MONTH, Oxygen Gas 86,400 NM³/MONTH. Annexure No. 5</p>



	<p>Unit has obtained Consent to Establish vide letter No F(BMW)/Chittorgarh(Gangrar)/7(1)/2025-2026/53-54 Order No: 2025-2026/Chittorgarh/12725 dated 13.05.2025 from RSPCB, valid for a period from 03/02/2025 to 31/01/2030 for two beds. Annexure No.6</p> <p>Unit has obtained Authorization, for operating a facility for collection, Disposal, Generation of Biomedical waste vide letter No. F(BMW)/Chittorgarh(Gangrar)/7(1)/2025-2026/55-56 dated 13.05.2025. Annexure No.7</p> <p>The Consent to Operate obtained vide letter No. F(Tech)/Chittorgarh(Gangrar)/3969(1)/2022-2023/347-349 Order No: 2025-2026/Miscellaneous/12610 dated 09/05/2025 This Consent to Operate is valid for a period from 23/10/2024 to 30/09/2034. Annexure No.8.</p> <p>The Consent to Operate obtained vide letter No. F(BMW)/Chittorgarh(Gangrar)/7(1)/2025-2026/57-58 Order No: 2025-2026/Chittorgarh/12726 dated 13/05/2025 This Consent to Operate is valid for a period from 03/02/2025 to 31/01/2030. (two beds) Annexure No.9.</p> <p>We have obtained Authorization under the Hazardous and Other Waste Management Rules, 2016 has been obtained vide F(HSW)/Chittorgarh(Gangrar)/7071(1)/2024-2025/353-355 dated 09.05.2025, validity period 01/01/2025 to 31/12/2029. Annexure No.10</p> <p>The Grant of Membership of Hazardous waste management Facility (CTDF) at udaipur (Membership No.1853) as Annexure No.11</p> <p>As the site is located at a distance of 72.87KM from the aerodrome reference point of kankroli airport and the requested top elevation in 525 mtrs, The NOC for height clearance is not required from Airport Authority of India as per GSR 751(E). Annexure No.12</p> <p>AIS is regularly complying E.C, CTO, BMW, Authorization specific and general conditions as per Schedule and copies of E.C, CTE, CTO, BMW & Authorization have been submitted to all concern</p>
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		Government departments.
1.2	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	<p>Essential fire safety measures have been installed into the building and Plant area to ensure the safety of the occupants within the building/Plant area in the event of fire or other emergency.</p> <p>The entire building has been designed as per National Building Code 2005 of India pertaining to fire, earthquakes and hazards etc. Proper fire-exits and exit-signage is being provided. Fire-extinguishers of appropriate type is being placed on a readily accessible place and maintained accordingly.</p>
1.3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	<p>The project is situated in the Rajasthan State Industrial Development & Investment Corporation Limited (RIICO) Industrial area Soniyana, Chittorgarh.</p> <p>That There is no forest land involved within project site and certificate showing distance from Wildlife Sanctuary/National Park/Biosphere Reserves/Migratory Corridor/Eco-Sensitive zone vide letter No. F() Survey/DFO/2022-23/898 dated 06.02.2023. Annexure No.13. Forest Clearance is not applicable on this project.</p>
1.4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable.
1.5	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	<p>The Consent to Establish obtained vide letter No. F(Tech)/Chittorgarh(Gangrar)/3969(1)/2022-2023 /587-588 Order No: 2022-2023/Chittorgarh/7871 dated 24th March,2023 which is valid till 31/01/2028 for Green Automotive/Clear architectural/Tinted /Reflective/Mirror/ Back Painted Glass 262,800.00 MTPA. Annexure No.4</p> <p>The Consent to Establish obtained vide letter No. F(Tech)/Chittorgarh(Gangrar)/3969(1)/2022-2023 /344-346 Order No: 2025-2026/Miscellaneous/12609 dated 9th May,2025 which is valid till 31/08/2029 for Hydrogen Gas 172,800 NM³/MONTH, Nitrogen Gas 1,656,000 NM³/MONTH, Oxygen Gas 86,400 NM³/MONTH. Annexure No. 5</p> <p>Unit has obtained Consent to Establish vide letter No F(BMW)/Chittorgarh(Gangrar)/7(1)/2025-2026/53-54 Order No: 2025-</p>

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1.6	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	<p>Total water requirement is 514 KLD including 410 KLD fresh water and 104 KLD Recycled Water. AIS has been obtained RIICO NOC No. 715 dated 02/02/2023 Annexure No. 3A.</p> <p>AIS has been obtained Ground Water Abstraction NOC from SDO, Gangrar(Chittorgarh) NOC No. SDO/NOC/2025/01 dated 28-07-2025. Annexure No. 3B.</p>
1.7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	<p>132 KV supply from AVVNL is being provided, Sanctioned load is 21947.72 HP. The D.G sets details are given for Stand by backup. 5 Nos of 1500 KVA D.G and 1 Nos emergency backup 2250 KVA D.G and 1 Nos of 50 KVA D.G have been</p>

		<p>installed in the May,2025.</p> <p>Energy Source :- Renewable energy (Solar panel) 4.2 MWP Waste heat recovery system 1.2 MW Net Generation (Under Commissioning) Boilers 1 ton each (2nos.)</p>
1.8	<p>All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.</p>	<p>We have obtained Fire NOC from Nagar Nigam Chittorgarh dated 28th March 2025, which is valid upto 27th Mar,2026. Via application number LSG /CHITTORGARH/FIRENOC/2024-25/47412.</p> <p>Annexure No.14. We have obtained Diesel storage license from PESO with Licence No.P/NC/RJ/15/2545(P577681) (B&C) Issue Date 22/10/2024, Valid Upto 31/12/2033. Annexure No.15.</p> <p>License PESO with from Licence No G/HO/RJ/05/346(G132404) dated 06/11/2024 valid upto 30/09/2034 for Oxygen & Hydrogen. Annexure No.16.</p> <p>License PESO with from Licence No S/HO/RJ/03/455(S110311) dated 24/10/2024 valid upto 30/09/2029 for Propane. Annexure No.17.</p> <p>License PESO with from Licence No S/NC/RJ/03/143(S111555) dated 09/08/2024 valid upto 30/09/2028 for Liquid Nitrogen. Annexure No.18.</p>
1.9	<p>The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.</p>	<p>Project is in an operational phase. Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and Plastics Waste Management Rules, 2016 is being followed by the AIS.</p>
1.10	<p>The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.</p>	<p>The entire building has been designed as per National Building Code 2005 of India and ECBC/ECBC-R 2007 to consume significant proportion of our natural energy resources.</p>

2. Air Quality Monitoring and Preservation

S.No.	Conditions	Compliance status																																			
2.1	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Yes, we agreed, and content is noted. Timely complied.																																			
2.2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	The management plan for maintained ambient air quality is being implemented i.e green belt development, developed and maintained paved roads, dust suppression, dense plantation with trees, shrubs & herbs to reduce soil erosion for maintaining air quality of the area. Annexure No.19																																			
2.3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5}) covering upwind and downwind directions during the construction period.	<p>Asahi India Glass Limited, Management has hired NABL & CPCB approved lab for ambient Air Quality Monitoring.</p> <p>To regularly conducting Environmental Monitoring to monitored parameters like PM₁₀, PM_{2.5}, Nox, Sox & CO on six monthly with 8 hrs average samples frequency(Pre monsoon 2025). The results are given below:-</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Locations</th> <th>PM_{2.5}</th> <th>PM₁₀</th> <th>SO₂</th> <th>NO₂</th> <th>CO</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ETP/STP Area</td> <td>54.93</td> <td>93.37</td> <td>10.9</td> <td>24.07</td> <td>0.63</td> </tr> <tr> <td>2</td> <td>Inox Area</td> <td>46.95</td> <td>88.02</td> <td>9.41</td> <td>21.25</td> <td>0.56</td> </tr> <tr> <td>3</td> <td>Canteen</td> <td>49.1</td> <td>90.12</td> <td>8.23</td> <td>20.71</td> <td>0.58</td> </tr> <tr> <td>4</td> <td>Batch House near boiler</td> <td>52.52</td> <td>91.14</td> <td>9.02</td> <td>22.31</td> <td>0.61</td> </tr> </tbody> </table> <p>Please find Ambient Air quality reports of pre-monsoon 2025 are enclosed as Annexure No.20. All results with in CPCB norms.</p>	S. No	Locations	PM _{2.5}	PM ₁₀	SO ₂	NO ₂	CO	1	ETP/STP Area	54.93	93.37	10.9	24.07	0.63	2	Inox Area	46.95	88.02	9.41	21.25	0.56	3	Canteen	49.1	90.12	8.23	20.71	0.58	4	Batch House near boiler	52.52	91.14	9.02	22.31	0.61
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2.4	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in	<p>The DG sets has been housed in an inbuilt acoustic enclosure for maximum noise attenuation. The DG sets deployed has been EPA/CPCB certified for the permissible standards of noise & vibrations. Used of low sulphur diesel. The D.G sets details 5 no. 1500 KVA & 1 no. 2250 KVA are given below:</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Locations</th> <th>PM</th> <th>CO</th> <th>NOx</th> <th>NMHC as C</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>D.G Set 01 1500 KVA</td> <td>41.25</td> <td>32.39</td> <td>273.82</td> <td>51</td> </tr> <tr> <td>2</td> <td>D.G Set 02</td> <td>45.35</td> <td>37.64</td> <td>266.91</td> <td>54</td> </tr> </tbody> </table>	S.No	Locations	PM	CO	NOx	NMHC as C	1	D.G Set 01 1500 KVA	41.25	32.39	273.82	51	2	D.G Set 02	45.35	37.64	266.91	54																	
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Plot No. SP-1, RIICO Industrial Area, Soniyana, Tehsil Gangrar, District Chittorgarh, State Rajasthan, India 312901

consultation with State Pollution Control Board.		1500 KVA					
	3	D.G Set 03 1500 KVA	48.54	42.21	278.63	58	
	4	D.G Set 05 1500 KVA	49.45	43.18	276.41	62	
	5	D.G Set 06 1500 KVA	47.49	46.15	280.43	60	
	6	D.G Set 06 2250 KVA	52.16	42.06	356.54	62	
	S.No	Locations	PM	NOx	SO2	F	
	1	Fired Boiler 02 Nos Common stack fuel LSHS	398.15	80.26	210.47	-	
	2	LSHS Fired Furnace 1 Nos (800 TPD)	0.25	540.23	192.76	0.8	
	Annexure No 21						
	2.5	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	Yes, Content is noted and same will be complied.				
2.6	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Yes, we agreed, and content is noted.					
2.7	Wet jet shall be provided for grinding and stone cutting.	Yes, we agreed, and content is noted.					
2.8	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Yes, we agreed, and content is noted.					
2.9	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction	Yes, we agreed, and content is noted.					

	and Demolition Waste Management Rules 2016.	
2.10	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Yes, we agreed, and content is noted.
2.11	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	There is power back up for common areas and for essential services through 5 Nos of 1500 KVA D.G and 1 Nos of 2250 KVA D.G and 1 Nos of 50 KVA D.G have been installed in the May,2025 during operational phase. The DG sets has been housed in an inbuilt acoustic enclosure for maximum noise attenuation. The D.G sets deployed has been EPA/ CPCB certified for the permissible standards of noise & vibrations.
2.12	For indoor air quality the ventilation provisions as per National Building Code of India.	Yes, Same is being complied.

3. Water Quality Monitoring and Preservation

S. No.	Conditions	Compliance Status
3.1	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	The natural drainage system is being maintained to ensure the unrestricted flow of storm water. Runoff from terraces, paved surfaces, and landscaped/open areas is channelized through a well-connected stormwater network and collected in a rainwater storage tank for reuse and recharge purposes.
3.2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	The natural topography is being maintained, and No cutting and filling will be in future.
3.3	Total freshwater use shall not exceed the proposed requirement as provided in the project details.	Yes, Same is being complied.
3.4	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent.	The total water requirement for AIS plant is 514 KLD, comprising 410 KLD of fresh water and 104 KLD of recycled water. The comprehensive records are maintained for the following activities:

	<p>The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.</p>	<ul style="list-style-type: none"> • Freshwater consumption • Wastewater recycling in STP and ETP plant • Utilization of treated water for green belt development in the plant area & Dust suppression. • Water quality reports Pre-Monsoon 2025 Annexure No .22 • Facility of Measurement of rainwater Storage tank under progress. <p>All relevant data will be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.</p>																								
<p>3.5</p>	<p>A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.</p>	<p>AIS has been obtained RIICO NOC No 715 dated 02/02/2023 for water supply from RIICO, Chittorgarh.</p> <p>AIS has been obtained Ground Water Abstraction NOC from SDO, Gangrar(Chittorgarh) NOC No. SDO/NOC/2025/01 dated 28-07-2025.</p> <p>Total water requirement is 514 KLD including 410 KLD fresh water and 104 KLD Recycled Water. No major and minor impacts have been anticipated on surface & ground water.</p>																								
<p>3.6</p>	<p>At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.</p>	<p>All construction has been made under building bye-laws and naturally ventilated. The land use break up</p> <table border="1" data-bbox="805 1171 1393 1451"> <thead> <tr> <th>S. No.</th> <th>Particulars</th> <th>Area (in sq. m.)</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Roof Top area</td> <td>62,563.92</td> <td>17.02</td> </tr> <tr> <td>2.</td> <td>Landscape Area</td> <td>45,505.5</td> <td>12.38</td> </tr> <tr> <td>3.</td> <td>Parking Area & Road</td> <td>43,561</td> <td>11.85</td> </tr> <tr> <td>4.</td> <td>Open area</td> <td>215869.58</td> <td>58.74</td> </tr> <tr> <td colspan="2">Grand Total (1-4)</td> <td>3,67,500</td> <td>100</td> </tr> </tbody> </table>	S. No.	Particulars	Area (in sq. m.)	%	1.	Roof Top area	62,563.92	17.02	2.	Landscape Area	45,505.5	12.38	3.	Parking Area & Road	43,561	11.85	4.	Open area	215869.58	58.74	Grand Total (1-4)		3,67,500	100
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<p>3.7</p>	<p>Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.</p>	<p>Dual plumbing system has been adopted to utilize the treated wastewater for floor cleaning, flushing & landscaping, preventing cross-contamination and enabling water conservation for non-essential uses. This will help in reducing the freshwater demand moderately.</p> <p>Dual flushing fixtures is being used to allow different volumes of water for solid and liquid flushing which will help in conserving the water demand for flushing significantly in peak season.</p> <p>This double functionality conserves water, making it</p>																								

		an eco-friendly choice for any modern bathroom. These toilets typically use built-in buttons on the top of the toilet cistern.
3.8	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Proper water conservation measures have been adopted and same has been incorporated in site plan.
3.9	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Not applicable.
3.10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Yes, Content is noted & Timely complied.
3.11	The local bye-law provisions on rainwater harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Proper rainwater harvesting structures have been installed for storage /recharging water in the plant area.
3.12	A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	Proper rainwater harvesting structure has been installed for rain water storage & recharging ground water. A total quantum nearly of 35000 m3 of rainwater can be generated annually. Three Rainwater storage tank have been installed within the plant. Annexure No.23
3.13	All recharges should be limited to shallow aquifer.	Yes, Content is noted & Timely complied.
3.14	No ground water shall be used during construction phase of the project.	Yes, we agreed, and content is noted.

3.15	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Not applicable.
3.16	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	<p>The total water requirement for AIS plant is 514 KLD, comprising 410 KLD of fresh water and 104 KLD of recycled water.</p> <p>The comprehensive records are maintained for the following activities:</p> <ul style="list-style-type: none"> • Freshwater consumption • Wastewater recycling in STP and ETP plant • Utilization of treated water for green belt development in the plant area & Dust suppression. • Water quality reports Pre-Monsoon 2025 Annexure No .22 • Facility of Measurement of rainwater Storage tank under progress. <p>All relevant data will be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.</p>
3.17	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed into municipal drain.	<p>STP plant of 70 KLD is installed at earmarked place and work completion certificate is already submitted to all concern Government departments. Annexure No.24</p> <p>We are using Moving Bed Biofilm Reactor (MBBR) technology, is a biological wastewater treatment process for STP Plant.</p> <p>We are using domestic wastewater for flushing, toilets, horticulture, plantation and maintaining zero discharge outside.</p> <p>A latest STP plant Inlet and outlet wastewater report is enclosed as Annexure No. 25 All parameters are within CPCB norms.</p> <p>As per RSPCB, no treated water is being disposed into outside plant / municipal drains.</p>
3.18	No sewage or untreated effluent water would be discharged through storm water drains.	<p>No sewage or untreated effluent water is being disposed into municipal drains.</p> <p>ETP plant of 125 KLD is installed at earmarked place and wastewater generated 117 KLD, Domestic 25 KLD and Industrial 92 KLD. Annexure No.26</p>

		We are using Physico-chemical technologies encompass a range of methods that combine physical and chemical processes to treat water and wastewater for ETP Plant along with ETP/STP & Water Consumption log Book data. Annexure No.27
3.19	Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	STP plant of 70 KLD is installed at earmarked place and work completion certificate is already submitted to all concern Government departments.
3.20	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	<p>The following arrangements is being done to prevent odour in the plant area from STP.</p> <ol style="list-style-type: none"> 1. The major odour found in primary collection tank after proper treatment is low gradually. 2. Regular blower continues to operate for aeration. 3. Oxidation is carried out with bleaching powder & chlorine are mandatory to remove Odour. 4. Treated water passes through an activated carbon filter where treated water becomes free from odour and colour. 5. Green belt development near STP area so that odour generation is minimized. 6. Spray of herbal sanitizers and inoculums is being done to remove odour. <p>A latest STP plant Inlet and outlet wastewater report is enclosed as Annexure No.25</p>
3.21	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Sludge generated from the Sewage Treatment Plant is collected in sludge bed. After drying it is utilized as manure for green belt development within the premises.

4. Noise Monitoring and Prevention

S. No.	Conditions	Present Status of Compliance
4.1	Ambient noise levels shall conform to residential area/commercial area/ industrial area /silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	Ambient Noise levels are being monitored and we are submitting latest analysis reports of Ambient Noise level. We are regularly complying of the standards for Noise and National Ambient Air Quality as prescribed.
4.2	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Noise quality has been monitored, and results are within CPCB norms. Annexure No.28
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Silent D.G sets 5 Nos (1500KVA), 1 No. (2250 KVA) & 1 No. (50 KVA) has been installed. Proper maintenance of equipment's & D.G Sets. Providing ear plugs to all workers employed in close vicinity of noise producing machine.

5. Energy Conservation Measures

S. No.	Conditions	Present Status of Compliance
5.1	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Yes, we agreed, and content is noted.
5.2	Outdoor and common area lighting shall be LED.	Asahi India Glass Limited, management is agreed and complying regularly for Energy Conservation. AIS has also installed LED lights in the plant premises, toilets and administrative building timer have been installed and working smoothly at present. We have installed renewable energy solar Panel 4.2 MW in the plant area.
5.3	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping,	Yes, Content is noted and complied.

	efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	
5.4	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Yes, Content is noted and timely complied.
5.5	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-law's requirement, whichever is higher.	Solar panel installed to meet electricity generation equivalent to 15% of the demand load.
5.6	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	<p>Solar panels (4.2 MWP) are being used in the plant area in view of promoting green energy.</p> <p>it's a clean and renewable resource, which helps reduce greenhouse gas emissions; significantly lowers electricity bills; offers energy independence and resilience from power outages; it requires minimal maintenance.</p> <p>AIS transfers the generated solar power data to AVVNL. A separate meter has been installed within the plant premises to monitor day-to-day power generation.</p>

6. Waste Management

S. No.	Conditions	Present Status of Compliance
6.1	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Yes, Same is being complied.
6.2	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with approval of competent authority.	No muck has been generated during construction phase.

6.3	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	All solid wastes from different sections is being collected and treated as per the Municipal Handling rules. The Solid waste is being collected in colour coded bins and send to the authorized vendor.
6.4	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.	Yes, we agreed & Content is noted.
6.5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	All non-biodegradable waste is being handed over to authorized recyclers for proper disposal and a copy of approved recyclers is enclosed as a Annexure No.29
6.6	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Yes, Timely complied.
6.7	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	Noted & complied.
6.8	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	Noted & complied.
6.9	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Noted & complied.
6.10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination	Noted & complied.

7. Green Cover

S. No.	Conditions	Present Status of Compliance
7.1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	<p>Yes, we agreed, and content is noted.</p> <p>As per MoEF&CC guidelines Greenbelt development area is 121275 Sq.m (33 %) and At Present Number of trees would be about 2873 Nos and area 1.8 ha of the total plot area and Soil Monitoring report is enclosed as Annexure No.30</p> <p>We have also planted 3777 Plants in buffer zone and nearby area under ToFR.</p>
7.2	<p>A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species.</p> <p>The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.</p>	<p>Plantation is being done as MoEF&CC guidelines cover 33% of total land area. We have planted 6650 trees against 4594 trees(minimum 1 tree per 80 sqm).</p> <p>Summary of Green Belt Development Plan is enclosed as a Annexure No.19</p>
7.3	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	Yes, we agreed, and content is noted.
7.4	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	The topsoil excavated during construction temporarily stored in an earmarked area and use for green belt development. The impact on soil during construction phase will be marginal and reversible in the nature.

8. Transport

S. No.	Conditions	Present Status of Compliance
8.1	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with	The movement pattern within the plant premises is regulated through designated traffic ways. The internal roads have been designed considering environmental and safety aspects.

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	<p>due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <p>a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.</p> <p>b. Traffic calming measures.</p> <p>c. Proper design of entry and exit points.</p> <p>d. Parking norms as per local regulation.</p>	
8.2	<p>Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.</p>	Yes, we agreed, and content is noted

9.

S. No.	Conditions	Present Status of Compliance
9.1	<p>A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p>	Yes, we agreed, and content is noted.

10. Human Health Issues

S. No.	Conditions	Present Status of Compliance
10.1	<p>All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.</p>	<p>Dust masks is being provided as safety measures to the staff, workers, engaged at dust generation points like drills, loading/unloading points, material handling and involving in construction stage.</p>

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10.2	For indoor air quality the ventilation provisions as per National Building Code of India.	Yes, Content is noted & timely complied.
10.3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	The On-site Emergency Control Plan is enclosed as a Annexure No.31
10.4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Yes, Content is noted & Timely complied.
10.5	Occupational health surveillance of the workers shall be done on a regular basis	Occupational health surveillance Program is being done as per AIS Schedule. <ul style="list-style-type: none"> • Periodical medical examinations are being carried out for all staff and workers. • Medical records have been well maintained.
10.6	A First Aid Room shall be provided in the project both during construction and operations of the project.	The clinic with two beds facility is available in plant site with medical staff and all necessary medicines are available at plant site.

11. Miscellaneous

S. No.	Conditions	Present Status of Compliance
11.1	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	Environmental Clearance advertisement done in two newspapers i.e. Punjab Kesri and Times of India of dated 14.05.2025 in the Chittorgarh district edition. Copies are enclosed as a Annexure No.32 and No representation received.
11.2	Environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Timely complied.
11.3	The project proponent shall upload the status of compliance of the stipulated clearance conditions, including results of monitored data on their website and	Yes, we agreed, and content is noted.

	update the same on half-yearly basis.	
11.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Yes, we agreed, and content is noted.
11.5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental /forest/wildlife norms /conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms / conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly	The approved Environmental Policy is enclosed as Annexure No.33 .
11.6	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	Environment management cell has been established with suitable qualified persons for day-to-day Environmental compliance work as per E.C & CTO specific and general conditions.
11.7	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	The plan for implementing EMP and environmental conditions detail are given as a Annexure No.34

11.8	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Environmental Statement FY 2025-2026 will be submitted on or before 30th September, 2026.
11.9	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project	Yes, we agreed, and content is noted.
11.10	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Yes, we agreed, and content is noted.
11.11	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.	Yes, content is noted.
11.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Yes, we agreed, and content is noted.
11.13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Yes, we agreed, and content is noted.
11.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Yes, we agreed, and content is noted.
11.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Yes, we agreed, and content is noted.
11.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s)	A full cooperation to the officials from the Department of Environment, Government of Rajasthan, Regional office of MoEF&CC, Jaipur and RSPCB will be given, all facilities and

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	of the Regional Office by furnishing the requisite data / information/monitoring reports.	documents/data by the project proponent during their inspection. A complete set of all the documents submitted to SEIAA, Department of Environment Rajasthan will be forwarded to the CCF, Regional office of MoEF&CC, Jaipur, RSPCB from time to time by soft and hard copies.
11.17	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Yes, we agreed, and content is noted.
11.18	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Not applicable

12. Specific Conditions

S. No.	Conditions	Present Status of Compliance
12.1	Recommendations of mitigation measures from possible accident shall be implemented based on Risk Assessment studies conducted for worst case scenarios using latest techniques.	The On-site Emergency Control Plan is enclosed as a Annexure No.31 .
12.2	Proper ventilation measures for energy saving, less toxic material for reducing indoor pollution and usage of certified wood shall be considered.	Yes, we agreed, and content is noted.

Thanking You

For Asahi India Glass Limited



(Sanjay Ganjoo)