



**JSW Cement Limited**  
Jambedia, P.O. : Saiyedpur via Salboni  
Paschim Medinipur, Pin-721147  
West Bengal  
Phone : 03222 270100  
Website : www.jsw.in

**Ref.: JSWCL/SALBONI/ENV/EC/2025-26/22**

**Date: 05<sup>th</sup> November, 2025**

**To,**

The Inspector General of Forests  
Ministry of Environment, Forest and Climate Change  
Integrated Regional Office, Kolkata IB-198  
Sector-III, Salt Lake City  
Kolkata-700106, West Bengal

**Subject:** Submission of Six- Monthly Compliance Report against stipulated Conditions of EC letter.

**Ref.:** EC Identification Number **EC23B009WB111198 Dated 27.12.2023.**

**Respected Sir,**

With reference to above subject matter, hereby we are submitting the Six Monthly Compliance report for the period of April.2025- Sept. 2025 against stipulated conditions of EC Letter for our Cement Grinding Unit: 4.8 MTPA at M/S JSW Cement Limited, Vill: Jambedia, P.O.: Saiyedpur via Salboni, Paschim Medinipur, Pin- 721147, West Bengal.

This is for your kind reference and necessary record keeping purpose.

Thanks and Regards,

**For:** JSW Cement Limited, Salboni

**Sanjay Sharma**  
**A.V.P & Unit Head.**

**Copy to:**

1. Chief Environmental Office and Member Secretary, SEIAA, West Bengal,
2. The Member Secretary, West Bengal Pollution Control Board,
3. Regional Office, West Bengal Pollution Control, Haldia.



**Part of O.P. Jindal**

**Regd. Office :** JSW Centre  
Bandra Kurla Complex  
Bandra (East), Mumbai – 400 051  
CIN : U26957MH2006PLC160839  
Tel : 022 42861000  
Fax : 022 26502001  
Website : www.jsw.in

Date: - 05.11.2025

## HALF- YEARLY COMPLIANCE REPORT OF ENVIRONMENT CLEARNACE

**NAME OF THE PROJECT:** Expansion of Existing Cement Grinding Unit from 3.6 MTPA to 4.8 MTPA to produce Portland Slag Cement (PSC),Portland Pozzolana Cement (PPC),Ordinary Portland Cement (OPC),Composite Cement & Ground Granulated Blast Furnace Slag (GGBS) at Salboni, District: Paschim Medinipur (West Bengal) by M/s. JSW Cement Ltd.

**ENVIRONMENTAL CLEARANCE LETTER NO. & DATE:** : EN/T-II-1/091/2018, Dated **27/12/2023**

**PERIOD OF COMPLIANCE REPORT** : April-2025 – September-2025

### Status of the project:

Consent to Operate **No. C0113628 Memo no. 9187-261-hl-co-r/2022, Dated 28-02-2022 for 2.4 MTPA valid up to 28-02-2027,**

Consent to Operate **No C0132164 Memo no. 232-261-hl-co-r/2022, Dated 17-06-2022 for 1.2 MTPA valid up to 28-02-2027,**

Sl. No.	Standard Conditions	Compliance level	Compliance status
I.	<b>Monitoring of compliance</b>		
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Complied	The unit does not come under forest area and no diversion of forestland for non-forest purpose involved in the project. So, provisions of Forest (Conservation) Act, 1986 in not applicable for this unit.
ii	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	Complied	Not applicable for this project

iii	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)	Agreed to Comply	We have submitted WLCP to the Chief Wildlife Warden for his approval on dated 31.10.2025. Authentic Flora Fauna list and Mention Elephant movement data received from good office and final the Draft WLCP. Approved Wildlife Management Plan will be implemented in consultation with the State Forest Department.
iv	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 (SPCB) / Committee	Agreed to Comply	The Project proponent has obtained valid CTE/CTO for 3.6 MTPA and 18 MW CPP. CTE/CTO for 4.8 MTPA will be taken before the start of the construction activities
v	The project proponent shall obtain the necessary permission from the Central Ground Water Authority / SWID, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project	Complied	Complied. Permission from SWID has been taken vide NOC No. P1428445003490000001TSE, P1428445003490000002TSE, P1428445003490000003TSE dated 16.10.2015 and P1428446000040000001TSE, P1428445003490000001TSE, P1428456001940000001TSE, dated 03.11.2017 respectively
vi	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied	Unit has already obtained authorization under the Hazardous and other Waste Management Rules, 2016 vide letter no 93-/2S(HW)-4575/2023 on dated 27/06/2023 which is valid till 31/03/2028.
<b>II. Air quality monitoring and preservation</b>			
i	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R.No.612(E) dated 25th S.O.3305(E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and	Complied	Complied The unit has installed 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R.No.612(E) dated 25th S.O.3305(E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to CPCB online servers. The unit is performing calibration of its equipment from time to time according to equipment

calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.

supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.







**CEMS Analysers Attached with Cement Mill, Ball Mill & CPP**

	Stack Quality Monitoring Data from April 25 to September 25				
	Stack emissions	Stack - 1	Stack - 2	Stack-3	Stack – 4
	Attached with	RP 1 & 2	RP 3 & 4	Ball Mill	CPP
	Standard	30	30	30	30
	UOM	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3
	Apr-25	19.2	16.5	12.2	22.9
	May-25	10.5	16.5	11.9	19.7
	Jun-25	15.7	18.7	14.8	21.0
	Jul-25	19.7	21.5	18.2	23.1
	Aug-25	14.8	19.1	13.2	16.7
	Sep-25	20.2	25	14.8	22.4
	<b>Avg.</b>	<b>16.7</b>	<b>19.6</b>	<b>14.2</b>	<b>21.0</b>
	<b>Min.</b>	<b>10.5</b>	<b>16.5</b>	<b>11.9</b>	<b>16.7</b>
	<b>Max.</b>	<b>20.2</b>	<b>25.0</b>	<b>18.2</b>	<b>23.1</b>
ii	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.		Complied	Fugitive emissions are monitored through NABL accredited labs once in a month in all the dust prone areas.	
iii	The project proponent shall install system carryout to Ambient Air Quality monitoring for common/ criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)		Complied	Ambient air quality monitoring is conducted regularly at six designated locations in and around the plant area by a NABL-accredited laboratory, with comprehensive records maintained. All ambient air quality results for the reporting period (April 2025–September 2025) remain well within prescribed statutory limits. Additionally, JSW Cement Ltd., Salboni has installed a Continuous Ambient Air Quality Monitoring Station (CAAQMS) in consultation with SPCB. The data from the CAAQMS is available online and provides real-time insights into air quality parameters. This system ensures continuous monitoring in accordance with regulatory requirements.	



Ambient Air Quality Monitoring Data from Apr.25 to Sept.25													
S.No	Location	Parameters	Unit	Limit	Apr.25	May.25	Jun.25	July.25	Aug.25	Sept.25	Avg.	Min.	Max.
1	Near Staff Colony	PM10	µg/m3	100	55.27	61	46.2	43.5	45.7	48.6	50.0	43.5	61.0
		PM2.5	µg/m3	60	22.1	25.8	14.2	14.99	13.3	19.99	18.4	13.3	25.8
		SOX	µg/m3	80	8.8	9	8.4	9.2	<8	<8	8.9	8.4	9.2
		NOX	µg/m3	80	16.4	15.8	12.6	13.4	20.1	12.4	15.1	12.4	20.1
		CO	mg/m3	4	<1	<1	<1	<1	<1	<1	#DIV/0!	0.0	0.0
2	Near Panchayat Office	PM10	µg/m3	100	54.22	53	48.7	36.9	42.2	44.95	46.7	36.9	54.2
		PM2.5	µg/m3	60	20.83	21.2	13.3	14.2	11.7	22.5	17.3	11.7	22.5
		SOX	µg/m3	80	10.2	10	8.4	8.2	<8	<8	9.2	8.2	10.2
		NOX	µg/m3	80	16.4	16.7	12.6	13.6	15.8	12.9	14.7	12.6	16.7
		CO	mg/m3	4	<1	<1	<1	<1	<1	<1	#DIV/0!	0.0	0.0
3	Near Labor Colony	PM10	µg/m3	100	57	55.9	48.3	40.9	50.3	60.8	52.2	40.9	60.8
		PM2.5	µg/m3	60	21.2	20.8	13.3	15.4	14.6	28.7	19.0	13.3	28.7
		SOX	µg/m3	80	10.8	11.3	9.4	9.1	<8	10.8	10.3	9.1	11.3
		NOX	µg/m3	80	20.6	20	18.8	17.5	17.3	18.6	18.8	17.3	20.6
		CO	mg/m3	4	<1	<1	<1	<1	<1	<1	#DIV/0!	0.0	0.0
4	Railway Siding	PM10	µg/m3	100	74.95	66.1	61.7	50.4	57.9	57.4	61.4	50.4	75.0
		PM2.5	µg/m3	60	25.4	26.2	17	17.5	20.4	22.5	21.5	17.0	26.2
		SOX	µg/m3	80	12.6	11.3	10.8	10.2	10.5	9.4	10.8	9.4	12.6
		NOX	µg/m3	80	18.4	21.4	16.4	14.7	17.2	13.8	17.0	13.8	21.4
		CO	mg/m3	4	<1	<1	<1	<1	<1	<1	#DIV/0!	0.0	0.0
5	CPP	PM10	µg/m3	100	67	59.7	68.2	53.6	56.7	69.72	62.5	53.6	69.7
		PM2.5	µg/m3	60	26.2	22.9	16.2	17.1	19.2	27.5	21.5	16.2	27.5
		SOX	µg/m3	80	16	15.5	14.8	11.3	8.4	12.4	13.1	8.4	16.0



			NOX	µg/m3	80	24.2	25.1	20.4	19.1	21.3	20.6	21.8	19.1	25.1
			CO	mg/m3	4	<1	<1	<1	<1	<1	<1	#DIV/0!	0.0	0.0
	6	Near Godapiasal Village	PM10	µg/m3	100	61.45	57.2	51.2	48.1	46.2	51.5	52.6	46.2	61.5
			PM2.5	µg/m3	60	23.75	24.6	14.6	15.8	12.5	23.7	19.2	12.5	24.6
			SOX	µg/m3	80	14.2	13.9	10.8	10	<8	10.2	11.8	10.0	14.2
			NOX	µg/m3	80	20.6	20.5	18.2	17.4	13.6	18.6	18.2	13.6	20.6
			CO	mg/m3	4	<1	<1	<1	<1	<1	<1	#DIV/0!	0.0	0.0
iv	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of Ministry of Environment, Forest & Climate Change (MoEF&CC), Zonal office of CPCB, SPCB and State Environment Impact Assessment Authority (SEIAA) along with six-monthly monitoring report.						Complied	Complied Monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions are regularly submitted to Regional Office of Ministry of Environment, Forest and Climate Change (MoEFCC), SPCB and State Environment Impact Assessment Authority (SEIAA) along with six-monthly monitoring report for the existing project. The last report was submitted on dated _____ -						
v	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.						Complied	Air Pollution Control system has been provided for all the dust generating points such as Pulse Jet Bag Filters were installed at material transfer points in Raw Material handling section, Ball Mill, Silo, Packing sections and ESP for CPP for our existing 3.6 MTPA and 18 MW captive power plant. Moreover, the same will be assured for the proposed expansion at its establishment and commissioning stage. Stack monitoring is being done regularly by NABL accredited laboratory and records of the results being maintained. Bag House attached with the grinding unit and high efficiency ESP was is installed in CPP having adequate stack Height. Stack emission is within prescribed limit						



S. No.	Location	Air Pollution Control Equipment (APCD)	Quantity of Existing APCDs ( 3.6 MTPA CGU and CPP)	
1.	Cement Mill	Bag House	8	
2.	CPP	ESP	1	
3.	Packing Plant	Bag Filter	14	
4.	Transfer Points	Bag Filters	42	
Adequate nos. of additional Bag House and Bag filters for Cement Mill are installed.				
<div></div> <div>Air Pollution Control Equipment (APCE)</div>				
vi	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.		Complied	An online bag leakage detection system is in place, equipped with alarms and integrated with CPCB stack monitoring for real-time visibility. Bag cleaning is fully mechanized, utilizing a PLC-controlled automated purging system to ensure effective and consistent maintenance of bag filters. This





			setup ensures optimal operating conditions and compliance with regulatory standards.
vii	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	Complied	Complied
vii i	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly	Complied	The Unit has deployed truck mounted road sweeping machine and stationary vacuum cleaners to clean plant roads, shop floors, roofs, regularly
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p><b>Vacuum Cleaning Machine for Clean Roads &amp;</b></p> </div> <div style="text-align: center;">  <p><b>Tractor Mounted Water Spray System</b></p> </div> </div>			
ix	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.	Complied	<ol style="list-style-type: none"> <li>1. The Storage yards are provided for raw materials.</li> <li>2. Closed unloading of raw materials and closed conveyor belt for Transportation with bag filters at transfer points</li> </ol>

			<ol style="list-style-type: none"> <li>64 Nos De-dusting systems available at all transfer points, Cement mill &amp; Packing Plant.</li> <li>Close bulkers are used for carrying fly ash (if required) and unload through close pipeline system in Fly Ash Silo.</li> <li>Most of the raw material is coming through railway lines and covered with tarpaulin.</li> </ol>
	 <p><b>Covered Conveying System for transfer of Materials</b></p>		 <p><b>Covered Conveying System for transfer</b></p>
x	Provide wind shelter fence and chemical spraying on the raw material stock piles; and	Complied	All dry raw material is kept in close storage Silo and under Shed. Wet Slag material is stocked in piles; JSW has installed a water gun for frequent water sprinkling to mitigate dust emission (if any).
xi	Provide Low NOx burners as primary measures and SCR / SNCR technologies as secondary measure to control NOx emissions.	Complied	Not Applicable for this site as it is a grinding unit
xii	Have separate truck parking area and monitor vehicular emissions at regular interval.	Complied	A separate truck parking area is provided at site. The PUC certificates are checked at the factory entrance randomly basis at entry. The regular maintenance and upkeep of trucks are also checked by the logistics team (PUC and other related document are uploaded in Auto-plant truck master system)



<p><b>xii</b> <b>i</b></p>	<p>Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts /railways as a mode of transport.</p>	<p>Complied</p>	<p>Complied.</p> <ol style="list-style-type: none"> <li>1. To minimize the environmental impact associated with the transport of raw materials and finished products, JSW Cement Ltd., Salboni has implemented the following measures:</li> <li>2. Air-Pollution Control: Advanced air-pollution control systems are installed at all material handling and transfer points to ensure emissions remain within prescribed regulatory limits.</li> <li>3. Wastewater Management: No wastewater is discharged outside the plant premises, with all process water recycled or treated within the facility.</li> <li>4. Rail-Based Transport: The majority of raw materials are transported via dedicated railway sidings and a wagon tippler system, substantially reducing the dependency on road transport and minimizing dust and traffic-related emissions.</li> <li>5. Greenbelt Development: A greenbelt covering 33% of the total plant area has been developed, significantly reducing the propagation of dust and noise to nearby habitations.</li> <li>6. Road Infrastructure: All internal and approach roads are concreted, with dense tree plantations</li> </ol>
--------------------------------	--	-----------------	--

			<p>on both sides, further suppressing dust and improving local air quality.</p> <p>7. Truck Management: All loading trucks are mandatorily covered with tarpaulins to prevent material spillage and fugitive dust emissions during transit.</p> <p>8. Road Cleaning: A mechanized road sweeping machine is deployed for regular cleaning, effectively controlling dust generated by vehicular movement.</p> <p>9. Dust Suppression: Regular water spraying is carried out on unpaved and exposed areas to prevent airborne dust.</p> <p>10. Enclosed Handling and Conveying: Raw material unloading is conducted in closed systems, with closed conveyor belts equipped with bag filters at transfer points to reduce fugitive emissions.</p> <p>These collective efforts ensure environmentally responsible transportation and handling of materials while safeguarding the surrounding environment, including agricultural land and local communities.</p>
<b>xi v</b>	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants.	Complied	Ventilation systems across all tunnels, motor houses, and cement bagging plant areas have been designed and maintained to ensure adequate air changes as per ACGIH guidelines. Proper ventilation is provided to safeguard occupational health and operational safety, with regular

			inspection and preventive maintenance carried out to meet optimal standards.
<b>III</b>	<b>Water quality monitoring and preservation</b>		
<b>i</b>	The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R.No.612(E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and S.O.3305(E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)	Agreed to Comply	Agreed to comply.  Currently, effluent from the CPP (Captive Power Plant) is fully treated and recycled for internal use, ensuring that there is no discharge outside the plant premises. We are in the process of planning and budgeting for the installation of a comprehensive effluent monitoring system equipped with all necessary accessories, which will be connected to SPCB and CPCB online servers. The system will be maintained and calibrated in accordance with Environment (Protection) Rules and relevant guidelines, utilizing services from accredited laboratories as required.
<b>ii</b>	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited Laboratories.	Complied	Groundwater quality at the prescribed intervals pre-monsoon and post monsoon monitored with NABL accredited Lab and the monitored results are submitted to the concerned regulatory authorities at regular intervals. Pre-Monsoon, On dated 27.03.2025 Ground water quality analysis done and Annual return fill on dated 11.April.2025. Post-Monsoon, On dated 19.09.2025 Ground water quality analysis done
<b>iii</b>	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Complied	1. Monthly summary report of manual effluent testing and manual monitoring of ground water quality is being tested and will be submitted to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report
<b>iv</b>	Adhere to 'Zero Liquid Discharge'.	Complied	No effluent going to outside of premises. Zero liquid discharge system is adhered to with effluents from Cement

			and CPP and Domestic wastewater are being adequately treated, and the treated water is used for plantation/ dust suppression.
v	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Complied	2 Nos. of STP's (100 and 60 KLD) have been installed for treatment of domestic wastewater to meet the prescribed standards.
	 <p><b>Sewage Treatment Plant-1 (Capacity-60 KLD)</b></p>		 <p><b>Sewage Treatment Plant-2 (Capacity-100)</b></p>
vi	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Complied	Garland drains and collection pits have been constructed for each stockpile area to effectively capture and control surface run-off, particularly during heavy rainfall events. These measures help prevent water pollution and ensure that surface run-off is properly managed to protect the surrounding environment. Regular maintenance is carried out to keep these systems operational.
vii	The project proponent shall practice rainwater harvesting to maximum possible extent.	Complied	<b>Rain water Harvesting Pit- 1, Capacity-22,000 KL</b>



									FY24-25 Salboni unit commission a 22,000 KLD Capacity Rain water-harvesting pond to store rainwater and utilization of rainwater in plant operation and garden purpose. Objective- 1.Fresh water extraction & Uses optimize. 2.Fresh water index improvement and water positivity.
	Location	Oct.25	Sept.25	Aug.25	Jul-25	Jun-25	May-25	Apr-25	
	Harvesting Pond to Slag Pile	0	0	0	0	1060	1301	1858	
	Harvesting Pond to plant	1224	1679	2199	1304	4112	5428	5700	
	Total (KL)	1224	1679	2199	1304	5172	6729	7558	
	<div>   </div> <div>Rainwater Harvesting Pond Capacity 22,000 KLD</div>								

<b>vii i</b>	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Complied	We have installed Electromagnetic water flow meters and Mechanical water flow meter, which are helping to monitoring water withdrawal and Consumption on a daily basis in the cement plant.
<b>ix</b>	The project proponent shall make efforts to minimise water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Complied	Water consumption within the Salboni cement plant complex is closely monitored and reviewed on a daily basis, with continuous efforts to minimize usage. Used water streams are segregated and cascade reuse is practiced wherever feasible. Domestic effluent is treated through a dedicated Sewage Treatment Plant (STP), with the resulting treated water utilized for plantation and greenbelt development, thereby reducing dependence on fresh water sources. Rainwater harvesting systems are in place, with harvested rainwater used within the plant to further reduce extraction of groundwater. These measures collectively promote resource conservation and sustainable water management across the facility.
<b>IV</b>	<b>Noise monitoring and prevention</b>		
<b>i</b>	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 / SEIAA & SPCB as a part of six-monthly compliance report.	Complied	Noise level is being monitored every month and reports are being submitted to Regional Officer of the Ministry / SEIAA and SPCB as a part of six-monthly compliance report
<b>ii</b>	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Complied	The ambient noise levels is monitoring done at Cement plant to conform the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
<b>V</b>	<b>Energy Conservation measures</b>		
<b>i</b>	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Complied	We have Power purchase agreement (PPA) with M/S JSW Energy, 3.5 MW Solar power plant 100 % Solar Energy are utilization at our site for common areas, street lights and other purpose.

ii	Provide the project proponent for LED lights in their offices and residential areas.	Complied	100 % energy efficient LED Lights are uses at Plant and Office illumination purpose.  Our procurement team prefer only LED Lights.		
iii	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	Complied	JSW Cement Ltd., Salboni maximizes the utilization of fly ash, slag, and other additives in cement blending in accordance with BIS standards. As a dedicated grinding unit, the plant sources fly ash from its Captive Power Plant (CPP) and utilizes ground granulated blast furnace slag (GGBS) produced by steel manufacturing units. These supplementary materials are blended with clinker to manufacture high-quality Portland Slag Cement (PSC) and Portland Pozzolana Cement (PPC).  This approach not only conserves natural resources and reduces the carbon footprint but also supports circular economy principles by utilizing industrial by-products in line with the latest regulatory and quality standards. Regular monitoring ensures optimal proportions and quality of the blended cement.		
VI	Waste management				
i	The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	Complied	Waste oil, grease and other hazardous waste is sold to authorized recyclers as per the Hazardous and Other waste (Management and Transboundary Movement) Rules, 2016.		
	S.No	Type of Waste	Category as per schedules I, II & III of these rules	Authorized Quantity (Tons/Year)	Disposal Quantity (Tons)
	1	Used or Spent Oil	5.1	7.0	0
	2	Waste Residue Grease	5.2	3.0	0
ii	Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant)		Agreed to Comply	Agreed to comply.	

			A comprehensive plan has been prepared for the disposal of degradable and non-degradable solid waste generated at the cement plant. Kitchen waste from the canteen is proposed to be composted or converted to biogas for beneficial use. This initiative will not only ensure proper waste management but also support sustainable energy generation and circular resource utilization within the facility.									
VI	Green Belt											
i	Green belt shall be developed in an area equal to at least 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant. The project proponent should follow the plantation plan approved by Divisional Forest Officer, Medinipur Division vide Memo No. 4006/8-F-24 dated 29.09.2023.	Complied	<div>Green belt is being developed as per CPCB guidelines for developing Greenbelt. We have already developed green belt in 23.07 Ha Against 17.78 Ha as mentioned in Environment Clearance. Plantation plan approved by Divisional Forest Officer, Medinipur Division vide Memo No. 4006/8-F-24 dated 29.09.2023 shall be strictly followed.</div> <table><tr><td>Greenbelt Table</td><td>Area Greenbelt in Ha</td><td>No of Samplings planted</td></tr><tr><td>As Per EC Condition</td><td>17.78</td><td>55000</td></tr><tr><td>Actual Plantation</td><td>23.07</td><td>75911</td></tr></table>	Greenbelt Table	Area Greenbelt in Ha	No of Samplings planted	As Per EC Condition	17.78	55000	Actual Plantation	23.07	75911
Greenbelt Table	Area Greenbelt in Ha	No of Samplings planted										
As Per EC Condition	17.78	55000										
Actual Plantation	23.07	75911										














ii	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	Complied	A comprehensive GHG (Greenhouse Gas) emissions inventory is maintained for the plant, with monthly tracking of Scope 1 (direct), Scope 2 (indirect energy), and Scope 3 (other indirect) emissions. Programmes and initiatives for GHG reduction—including energy efficiency measures, use of alternative materials, process optimization, and extensive plantation for carbon sequestration—have been developed and are being implemented. Documentation and updates on emission reduction strategies are submitted as required to demonstrate ongoing commitment to climate action and sustainability.																					
VI II.	Public hearing and Human health issues																							
i	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complied	Complied Unit has specific On Site Emergency Plan & considering disaster Management Plan. Hazard Identification & Risk Assessment considering weather Management Plan.																					
			<table><tr><th colspan="3">Mock Drill</th></tr><tr><th>Sl No</th><th>Month</th><th>Type</th></tr><tr><td>1</td><td>Apr'25</td><td>Fire Emergency Mock Drill</td></tr><tr><td>2</td><td>Jun'25</td><td>Electrocution Mock Drill</td></tr><tr><td>3</td><td>Jul'25</td><td>Work at Height</td></tr><tr><td>4</td><td>Aug'25</td><td>Confined Space</td></tr><tr><td>5</td><td>Sep'25</td><td>Road Safety</td></tr></table>	Mock Drill			Sl No	Month	Type	1	Apr'25	Fire Emergency Mock Drill	2	Jun'25	Electrocution Mock Drill	3	Jul'25	Work at Height	4	Aug'25	Confined Space	5	Sep'25	Road Safety
Mock Drill																								
Sl No	Month	Type																						
1	Apr'25	Fire Emergency Mock Drill																						
2	Jun'25	Electrocution Mock Drill																						
3	Jul'25	Work at Height																						
4	Aug'25	Confined Space																						
5	Sep'25	Road Safety																						
ii	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Complied	Complied All required Personal Protection Equipment (PPE) is provided to employees in accordance with the Factory Act norms. Usage of PPE is strictly enforced across all operational areas, and regular training and audits are conducted to ensure worker safety and compliance.																					



iii	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied	Complied for the existing operating plant and will also be complied during implementation of the expansion project
iv	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied	Complied Unit has conduct medical check-ups for all employees and workers once a year. This year, we plan to start the process from December 25 onwards.
	 <p style="text-align: center;"><b>Occupational Health Centre</b></p>		
<b>IX</b>	<b>Environment Management Plan (EMP)</b>		
I	The project proponent should submit the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 should be strictly followed	Complied	The Office Memorandum issued by the MoEFCC vide F. No. 22-65/2017-IA.III dated 30.09.2020 shall be strictly followed and the data will be submitted to the SEIAA on six monthly basis post implementation of the expansion project, i.e. expansion from 3.6 to 4.8 MTPA

	<b>S.NO</b>	<b>Environment Protection Activity</b>			
	<b>1</b>	<b>Air Pollution Control Device Management (APCD) Air Management</b>			
	1.1	Bag House and Bag filter Packing Plant (Bags) & services			
	1.2	Bag House and Bag filter Services			
	1.3	Bags Purchase and replacement			
	1.4	ESP Operation & Maintenance			
	<b>2</b>	<b>Pollution Monitoring Device</b>			
	2.1	CPP-CEMS Operation, Maintenance & Connectivity AMC-FORBES MARSHALL			
	2.2	CPP-CEMS Spare--FORBES MARSHALL			
	2.3	CM-CEMS Connectivity charge (AMC)-YOKOWAKA			
	2.4	CM-CEMS Operation & Maintenance charge (AMC)-Sick			
	2.5	CAAQMS Operation & Maintenance AMC			
	2.6	CAAQMS Spare			
	<b>3</b>	<b>Air Management and Water Management Action points</b>			
	3.1	Sweeping Machine Operation			
	3.2	Sweeping Machine in house servicing			
	3.3	Sweeping Machine Spare			
	4	Tractor, Water Tanker & Trolley Service Charge including fuel			
	5	Greenbelt Development & Maintenance			
	6	STP Plant Operation and ensure sewage treatment and utilization of recycle water.			
	7	Third Party Environment Monitoring Expenses			
8	Govt. Monitoring Expenses				
ii	Need based activities for local people is part of the EMP. Details of such activities for expansion project (in addition to the activities for the existing project) submitted by the project proponent is given in Annexure-2.		Complied	Unit has always played a responsible role in delivering its Social Responsibility under the CSR activities carried out from time to time in consultation with local Panchayat, Villagers & other local bodies. An amount of <b>Rs. 137.48 Rupees in Lacs</b> Spent towards CSR expenses of Salboni location: April'25 to September'26, mention below.	
	<b>Name of the Category</b>	<b>S. No.</b>	<b>Activity</b>	<b>Budget</b>	<b>Expenditure</b>

			<b>FY 25-26 (in Lakhs)</b>	<b>FY 25-26 (in Lakhs)</b>
	Category 1		<b>104</b>	<b>66.36</b>
Improving Living Conditions	1.1	Agri Business		
	1.2	Health & Nutrition	104	66.36
	1.3	Water		
	Category 2		<b>81</b>	<b>30.84</b>
Promoting Social Development	2.1	Skills	25	11.33
	2.2	Education	56	19.51
	Category 3		<b>57</b>	<b>27.07</b>
Addressing Social Inequalities	3.1	Livelihoods	57	27.07
	3.2	Community Development		
	Category 4		-	-
Addressing Environmental Issues	4.1	Environment		
	Category 5		-	-
Preserving national Heritage	5.1	Art & Culture		
	Category 6		-	-
Promotion of Sports	6.1	Sports Promotion		
	Category 7		<b>30</b>	<b>11.76</b>
Rural Development Projects	7.1	Rural Infrastructure	30	11.76
	Category 8		-	-
Swachcha Bharat Abhiyan	8.1	Sanitation		
	Category 9		-	-
Slum Development	9.1	Slum Development		
	Overhead		<b>3</b>	<b>1.45</b>
Project Management Cost	10.1	Project Management Cost	3	1.45
	<b>TOTAL</b>		<b>275</b>	<b>137.48</b>

















iii	The company shall have a well laid down environmental policy duly approve 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 / SPCB / SEIAA as a part of six-monthly report.	Complied	Environment policy duly approved by the Board of directors is in place. The copy of the board resolution in this regard will be submitted to the MoEFCC / SPCB / SEIAA as a part of six-monthly report
iv	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 to the head of the organization.	Complied.	Complied. A dedicated Environmental Cell has been established at both the project site and company headquarters. The cell is staffed with qualified environmental professionals responsible for ensuring compliance with all environmental regulations, monitoring key environmental parameters, and implementing the company's sustainability initiatives. The Environmental Cell operates under the supervision of a senior executive, who directly reports to the head of the organization. This structure ensures strong oversight, timely action on environmental matters, and integration of best practices across all levels of the company's operations. Regular meetings, reporting, and audits are conducted to continuously improve environmental performance.
v	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	Complied.	The unit has followed the stipulated conditions. 1. Unit has installed 64 nos. of bag filters at different transfer points and material handling section and continue Monitoring, smoothly Operate and Maintenance at Cement Mill, Packing Plant and 01 Nos of ESP at CPP plant. 2. Provided Sweeping machine for road sweeping. 3. Waste Water Management and reuses the recycle water.

	implementation of action plan shall be reported to the Ministry / Regional Office / SEIAA / SPCB along with the Six Monthly Compliance Report.		<p>4. Air Pollution measuring instruments are installed as per the WBPCB and CPCB requirement.</p> <p>5. Hired WBPCB authorized, NABL accredited lab for measuring Air quality, Noise quality, Stack emission in monthly manner.</p> <p>6. Greenbelt development as per EC condition is implemented.</p> <p><b>For FY Apr.25-Sept.25 An amount ₹ 48, 47,214/- Lakhs are earmarked towards recurring cost for Environment Management Plan.</b></p>
vi	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out	Complied	<p>Self-environmental audit is being conducted annually. We have ISO 14001: 2015 Certified on dated 22 July 2024 valid up to 22 July 2027.</p> <p>Annual IMS Audit done on Jun.2025.</p>
vii	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.	Complied	<p>Complying for the existing plant and will also be complied for the proposed expansion as per the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants.</p>
<b>X</b>	<b>Additional conditions</b>		
i	Plan for installation of digital display board for showing all environmental parameters and EMP data. Beneficiary details of the social part of the EMP should also be displayed.	Complied	<p>Digital Display Board has been installed at main gate and environmental parameters are being shown for public domain.</p>





**Main Gate Digital Display Board**

<b>XI</b>	<b>Miscellaneous</b>		
<b>i</b>	The environmental clearance accorded shall be valid for a period of 10 years for the proposed project.	Agreed to Comply	Noted and agreed.
<b>ii</b>	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied	Complied

<b>iii</b>	The copies of the 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.	Complied	The copies of the environmental clearance had been submitted to the Heads of local bodies, Panchayats in addition to the relevant offices of the Government.
<b>iv</b>	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Complied	Complied
<b>v</b>	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Complied	Complied
<b>vi</b>	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	Complied	Complied. <a href="https://www.jswcement.in/pdf/Ack">https://www.jswcement.in/pdf/Ack</a>
<b>vii</b>	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.	Complied	Complied for the existing plant and Form V for the expansion project will be submitted post execution of the project.
<b>vii i</b>	The project proponent shall inform the Regional Office as well as the Ministry / SEIAA, 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.	Agreed to Comply	Noted and will be complied as per the requirements. Noted and agreed upon. a. Agree to comply. b. Agree to comply.

	<p>a. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State government.</p> <p>b. The project proponent shall abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.</p>		
<b>ix</b>	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA.	Agreed to Comply	Noted and agreed upon.
<b>x</b>	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.	Agreed to Comply	Noted and agreed upon.
<b>xi</b>	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Agreed to Comply	Noted and agreed upon.
<b>xii</b>	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed to Comply	Noted and agreed upon.
<b>xii i</b>	The Regional Officer of the Ministry / SPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information / monitoring reports	Agreed to Comply	Noted and agreed upon.
<b>xi v</b>	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	Agreed to Comply	Noted and agreed upon.

	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.		
<b>xv</b>	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.	Agreed to Comply	Noted and agreed upon