

**Half Yearly Compliance Report
2024**

01 Jun(01 Oct - 31 Mar)

Acknowledgment

Proposal Name	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.		
Name of Entity / Corporate Office	JSW Cement Limited		
Village(s)	Asnasuli		
District	MEDINIPUR WEST		
Proposal No.	SIA/WB/IND/19745/2016	Category	Industrial Projects - 1
Plot / Survey / Khasra No.		Sub-District	Salbani
State	WEST BENGAL	Entity's PAN	NA
MoEF File No.	EN/T-II-1/091/2018	Entity name as per PAN	NA

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	Submission of Six Monthly Compliance Report against Stipulated Conditions of EC Letter. Ref.: Environmental Clearance Letter issued by SEIAA, West Bengal vide Letter No. - 2015/EN/T-II-1/002/2017 dated 07.09.2017. Environment Clearance for the proposed expansion received 27.12.2023
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office JSW Cement Limited

	Project Area as per EC Granted	Annual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	0	0

Total	0	0				
Production Capacity						
Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
Conditions						
Specific Conditions						
Sr.No.	Condition Type	Condition Details				
1	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.				
PPs Submission: Agreed to Comply Will be complied					Date: 01/06/2024	
2	WATER QUALITY MONITORING AND PRESERVATION	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.				
PPs Submission: Being Complied Unit have 60 KLD Sewage Treatment Plant (STP) for treatment of domestic waste water					Date: 01/06/2024	
3	Noise Monitoring & Prevention	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.				
PPs Submission: Agreed to Comply Will be complied					Date: 01/06/2024	
4	AIR QUALITY MONITORING AND PRESERVATION	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)				
PPs Submission: Being Complied Monitoring of the ambient air quality is being carried out every month in six locations in and around the plant by NABL accredited laboratory and records are being maintained. Ambient air quality results are within prescribed limit Good housekeeping and water sprinkling done on the regular basis to comply the notification GSR 826(E) published on dated November 16, 2009. We have established six number of air quality monitoring station in and outside the plant in consultation with SPCB. We have also installed one continuous ambient air quality monitoring station in consultation with SPCB. Monitoring reports of stack and ambient air quality are being submitted to SEIAA and SPCB every month.					Date: 01/06/2024	
5	AIR QUALITY MONITORING AND PRESERVATION	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying				

	PRESERVATION	fly ash.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
6	AIR QUALITY MONITORING AND PRESERVATION	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
7	Statutory compliance	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.
PPs Submission: Complied The unit doesn't come under forest area and no diversion of forest land for non-forest purpose involved in the project. So, provisions of Forest (Conservation) Act, 1986 in not applicable for this unit.		Date: 01/06/2024
8	Statutory compliance	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
PPs Submission: Complied Not applicable for this project		Date: 01/06/2024
9	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Agreed to Comply Noted and will be complied		Date: 01/06/2024
10	Statutory compliance	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-1 species in the study area)
PPs Submission: Agreed to Comply Noted and will be complied		Date: 01/06/2024
11	AIR QUALITY MONITORING AND PRESERVATION	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
12	Statutory compliance	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.

PPs Submission: Complied Noted & Being Complied		Date: 01/06/2024
13	Statutory compliance	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.
PPs Submission: Agreed to Comply Noted and will be complied whenever there will be proposal for establishment of project		Date: 01/06/2024
14	ENERGY PRESERVATION MEASURES	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
15	AIR QUALITY MONITORING AND PRESERVATION	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 calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories
PPs Submission: Being 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 SPCB and CPCB online servers. The unit is performing calibration of equipment on time to time		Date: 01/06/2024
16	ENERGY PRESERVATION MEASURES	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
17	Statutory compliance	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
PPs Submission: Being Complied Unit has already obtained authorization under the Hazardous and other Waste Management Ruled, 2016 vide letter no 93-/2S(HW)-4575/2023 on dated 27/06/2023 which is valid till 31/03/2028		Date: 01/06/2024
18	AIR QUALITY MONITORING AND PRESERVATION	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.

PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
19	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Agreed to Comply 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. 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 installed in CPP having adequate stack Height.		Date: 01/06/2024
20	AIR QUALITY MONITORING AND PRESERVATION	Provide wind shelter fence and chemical spraying on the raw material stock piles; and
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
21	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
22	AIR QUALITY MONITORING AND PRESERVATION	Provide Low NOx burners as primary measures and SCR / NSCR technologies as secondary measure to control NOx emissions.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
23	GREENBELT	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.
PPs Submission: Being Complied Greenbelt is being developed and as prescribed, more than 33% of the area has been covered with greenbelt/plantation. No vegetative cover was destroyed/ removed during the establishment and operation phases. We have planted total 57435 nos of trees in 44 Acres of Land.		Date: 01/06/2024
24	GREENBELT	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
25	AIR QUALITY MONITORING AND	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.

	PRESERVATION	
PPs Submission: Being Complied Unit have truck mounted road sweeping machine & stationary vacuum cleaners to clean plant roads, shop floors, roofs, regularly.		Date: 01/06/2024
26	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
27	WATER QUALITY MONITORING AND PRESERVATION	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)
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
28	Human Health Environment	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
29	WATER QUALITY MONITORING AND PRESERVATION	Water meters shall be provided at the inlet to all unit processes in the cement plant.
PPs Submission: Being Complied Unit has provided water meters at the inlet to all unit process		Date: 01/06/2024
30	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
31	WATER QUALITY MONITORING AND PRESERVATION	Adhere to 'Zero Liquid Discharge'

	PRESERVATION	
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
32	Noise Monitoring & Prevention	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
33	WASTE MANAGEMENT	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)
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
34	Human Health Environment	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
35	Human Health Environment	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
36	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
37	AIR QUALITY MONITORING AND PRESERVATION	Have separate truck parking area and monitor vehicular emissions at regular interval.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
38	WATER QUALITY MONITORING AND PRESERVATION	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
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
39	WATER QUALITY	Garland drains and collection pits shall be provided for each stock

	MONITORING AND PRESERVATION	pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
40	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall practice rainwater harvesting to maximum possible extent.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
41	ENERGY PRESERVATION MEASURES	Provide the project proponent for LED lights in their offices and residential areas.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
42	WASTE MANAGEMENT	The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
PPs Submission: Being Complied Unit is disposing waste oil, grease & other hazardous as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016 to the authorized recycler.		Date: 01/06/2024
43	Corporate Environmental Responsibility	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
44	Corporate Environmental Responsibility	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 / SEIAA / SPCB along with the Six Monthly Compliance Report.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
45	MISCELLANEOUS	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.
PPs Submission: Complied Unit has submitted copies of the environmental clearance 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		Date: 01/06/2024

46	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
47	MISCELLANEOUS	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. a. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government. 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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
48	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
49	MISCELLANEOUS	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
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
50	MISCELLANEOUS	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
51	Corporate Environmental Responsibility	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
52	Corporate Environmental Responsibility	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
53	Corporate Environmental Responsibility	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.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
54	MISCELLANEOUS	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
55	Corporate Environmental Responsibility	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.
PPs Submission: Agreed to Comply Will be complied		Date: 01/06/2024
56	MISCELLANEOUS	The environmental clearance accorded shall be valid for a period of 10 years for the proposed project.
PPs Submission: Agreed to Comply Noted and Agreed		Date: 01/06/2024
57	MISCELLANEOUS	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
PPs Submission: Complied Unit has published Environment Clearance granted for project along with environmental conditions and safeguards in two local newspapers of the District which is in the vernacular language and in addition this unit has displayed the EC Letter in its website website permanently.		Date: 01/06/2024
58	MISCELLANEOUS	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.

<p>PPs Submission: Being Complied Unit has engaged third party NABL accredited lab to monitor pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) and the same is being displayed at a convenient location for disclosure to the public</p>		<p>Date: 01/06/2024</p>
59	MISCELLANEOUS	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.
<p>PPs Submission: Agreed to Comply Will be complied</p>		<p>Date: 01/06/2024</p>
60	MISCELLANEOUS	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
<p>PPs Submission: Agreed to Comply Will be complied</p>		<p>Date: 01/06/2024</p>
61	MISCELLANEOUS	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
<p>PPs Submission: Agreed to Comply Will be complied</p>		<p>Date: 01/06/2024</p>
62	MISCELLANEOUS	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.
<p>PPs Submission: Agreed to Comply Will be complied</p>		<p>Date: 01/06/2024</p>
63	MISCELLANEOUS	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.
<p>PPs Submission: Agreed to Comply Will be complied</p>		<p>Date: 01/06/2024</p>
64	Corporate Environmental Responsibility	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
<p>PPs Submission: Agreed to Comply Will be complied</p>		<p>Date: 01/06/2024</p>
65	Statutory compliance	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.

PPs Submission: Being Complied
Digital Display Board has been installed at main gate and environmental parameters & EMP data is being shown for public domain

Date:
01/06/2024

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks: