



परिवेश
PARIVESH
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



Back

View Half Yearly Compliance Report at Project Proponent

Proposal Details

Proposal No

IA/OR/IND/4230/2006

Category

Industrial Projects - 2

Name of Project

Expansion of Paper production (45,000 to 130,000 TPA) and Co-generation Power Plant (5 to 20MW) at Balgopalpur, Balasore, Odisha by M/s. Emami Paper Mills Ltd.

Plot / Survey/ Khasra No.**Village(s)****Sub-District(s)****State**

ODISHA

District

BALESHWAR

MoEF File No

J-11011/323/2006-IA.II(I)

Name of the Entity/**Corporate Office**

MBS Nair

Entity's PAN

*****1428Q

Entity Name as per PAN

EMAMI PAPER MILLS LIMITED

Entity details mentioned above is correct ?

Agree

Covering Letter

Covering Letter

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Compliance Reporting Details

Reporting Year

2025

Reporting Period

01 Dec(01 Apr - 30 Sep)

Remark(if any)

Six monthly compliance report for the period from April 2025 to September 2025.

Details of Production and Project Area

Date of Commencement of Project/Activity

01-04-2007

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	158	158
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	158	158

Land Documents

NA

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Paper and Paperboard	Tons per Annum (TPA)	340000	340000	5037/IND-I-CON-96	30-03-2026	309309
2	cogeneration power	MW	33.5	33.5	5037/IND-I-CON-96	30-03-2026	22.14
3	Paper and Paperboard	Tons per Annum (TPA)	340000	340000	5037/IND-I-CON-96	31-03-2026	309309
4	cogeneration power	MW	33.5	33.5	5037/IND-I-CON-96	31-03-2026	22.14

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Statutory compliance	The Specific condition No.(i) was amended vide EC order dated 14.03.2022 as The gaseous emissions (PM10, PM2.5, SO2, NOx and CO) from various process units shall conform to the standards prescribed from time to time. The Odisha State Pollution Control Board (OSPCB) may specify more stringent standards for the relevant parameters keeping in view the nature of industry, its size and location. At no time. the emission level shall go beyond the prescribed standards. In the event of failure of any pollution control system(s) adopted by the unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Ambient air quality shall be regularly monitored and records maintained and reports submitted to the Ministry/ CPCB/OSPCB once in six months.	PPs Submission	The dust and gaseous emissions like PM10, PM2.5, SO2, NOx and CO parameters are being monitored by operating Continuous Ambient Air Quality Monitoring Stations (3 nos.) in different locations at 1200 angle. Results are being transmitted to SPCB and CPCB webserver. Enclosed data as Annexure-1 Complied 13-11-2025 Attachment: Click to View

2	Statutory compliance	The Specific condition No.(ii) was amended vide EC order dated 14.03.2022 as No odour should emanate as there will be no captive pulping. In case, any odour from any source is generated, same shall be adequately treated to alleviate the odour problem.	PPs Submission	In absence of wood pulping and recovery boiler, no odour is being generated. As the mill is using only waste paper for manufacturing of paper and there is no black liquor generation. Complied 13-11-2025 Attachment:NA
3	Statutory compliance	The Specific condition No.(iii) was amended vide EC order dated 14.03.2022 as The company shall install Electrostatic precipitators to control emissions from the boiler and co-generation power plant and dust suppression system in conveyors to control gaseous and fugitive emissions. The particulate emissions from the stacks shall not exceed 75 mg/ Nm ³ . The efficiency of ESP shall be 99.9%.	PPs Submission	The company has installed and operating Electrostatic precipitators to control emissions from all the boilers of co-generation power plant. Dust suppression system has been installed in coal crusher and conveying area (various transfer point) to control the fugitive dust emission. The particulate emission from stack remains well below the prescribed standard. The efficiency of ESP maintained as 99.9 percentage as directed. Complied 13-11-2025 Attachment:NA
4	Statutory compliance	The Specific condition No.(iv) was amended vide EC order dated 14.03.2022 as Existing straw pulping will be ceased to make mill environment friendly. No captive pulping will be carried out. No straw or forest based raw material will be used. Since	PPs Submission	The mill produces paper using recycled fibre based on waste paper and no conventional pulp bleaching is carried out. There is no bleaching done with chlorine and hypochlorite. No straw or forest based raw material will be used. The material mix will consist of 60 percentage local waste paper and 40 percentage imported. Complied

		new material mix will consist of 60% local waste paper and 40% imported, availability of waste paper shall be tied up prior to expansion.		13-11-2025 Attachment:NA
5	Statutory compliance	<p>The condition No. (v) was amended vide EC order dated 14.03.2022. Total water requirement from borewells shall not exceed 13,525 m³/day as per the permission accorded by the Central Ground Water Authority (CGWA). The waste water will be treated in the waste water treatment plant (WWTP) and reused in the process or for irrigation purpose. Remaining treated waste water will be discharge into Sona River through Sapna Nallah by a closed pipeline. Reverse Osmosis plant will be installed. The waste water shall be colourless due to absence of captive pulping. Secondary fiber treatment includes bleaching using Hydrogen Peroxide and Sodium hydrosulfite. Domestic sewage will be taken into Sewage treatment plant and treated. The quality of the treated effluent shall be</p>	PPs Submission	<p>Present average water consumption is below 11000 m³/day. Final treated water is partially used for irrigation and reused for the purposes like coal yard spraying and ash handling plant. Remaining treated waste water will be discharge into Sona River through Sapna Nallah. Reverse osmosis plant has been installed for water treatment for boiler feed purpose. As there is no captive pulping, the waste water is almost colour less. Secondary fiber treatment includes bleaching using Hydrogen Peroxide and Sodium hydrosulfite. The Domestic sewage is being taken into Sewage treatment plant and treated. The quality of the treated effluent is being monitored regularly and reports submitting to the Ministry and its regional office at Bhubaneswar. Enclosed water drawl data as Annexure-2 Complied 13-11-2025 Attachment: Click to View</p>

		monitored regularly and reports submitted to the Ministry and its regional office at Bhubaneswar.		
6	Statutory compliance	As proposed in EIA/EMP, water requirement will be reduced from 31.6m3/ton to 27.7m3/ton of paper after the expansion.	PPs Submission	Fresh water consumption for the period from April 2025 to September 2025 is 11.14 m3/ton of paper produced. Enclosed data on the same as Annexure-2 Complied 13-11-2025 Attachment: Click to View
7	Statutory compliance	The condition No. (vii) was amended vide EC order dated 14.03.2022 as Solid waste generated in the form of boiler ash shall be used for manufacturing bricks in manufacturing bricks. Waste pulp (primary sludge) from wastewater treatment plant (WWTP) will be used for firing in the boiler. ETP (secondary sludge) shall be used as manure for green belt development.	PPs Submission	100 percentage boiler ash (fly ash) is being disposed to outside brick manufacturers units. 100 percentage ETP sludge is being used as co-fuel in the power boiler and some quantity for recyclers for manufacturing inferior grade board/egg trays. Attached details as Annexure-3. ETP (secondary sludge) is being recovered through decanter and utilized as manure for green belt development. Complied 13-11-2025 Attachment: Click to View
8	Statutory compliance	As per the recommendations made in the Charter on Corporate Responsibility for Environmental Protection (CREP), the company shall undertake measures for discharge of AOX less than 1.5 kg/ton of paper within two years	PPs Submission	There is no generation of AOX as no chlorine is used in the process. The average ETP final treated water discharge from ETP is 3.53 m3/ton of paper. Complied 13-11-2025 Attachment: NA

		and 1.0 kg/ton of paper in 5 years. The wastewater discharge per ton of paper shall be less than 59 m3/ton of paper		
9	Statutory compliance	Green belt shall be raised in at least 14.2 ha. Out of total 35.2 ha. To mitigate the effects of fugitive emissions all around the plant in as per the CPCB guidelines.	PPs Submission	Development of Green belt is a continuous process. Around 1,05,000 no.of saplings were distributed to local villagers and 200 nos. planted in and around the mill premises for the year 2025-26. Green belt was developed in 63.72 acres in a scattered manner. Enclosed details on green belt developed as Annexure-4. Complied 13-11-2025 Attachment: Click to View
10	Statutory compliance	The company shall undertake rainwater harvesting measures to recharge the ground water.	PPs Submission	The unit has provided total 20 no. of rain water run off /rain water recharging structures and all are in operation. Photographs attached as Annexure-8 Complied 13-11-2025 Attachment: Click to View

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Statutory compliance	Electrostatic precipitators will be installed to control emissions from the boiler and co-generation power plant. No odour will emanate due to no captive pulping. Total water requirement	PPs Submission	ESP has been installed to control the emissions from each boiler of all Co-generation power plants. No captive pulping is there, hence no odour will emanate. Present average water consumption is less than 11000 m3/day for all manufacturing process and utility. The entire

		<p>from bore wells will be 13,525m³/d. The waste water will be treated in wastewater treatment plant (WWTP) and partly reused in the process or for irrigation and remaining discharged into Sona River through Sapna Nallah by a closed pipeline. The wastewater discharge will decrease from 31.6m³/ton to 27.7m³/ton of paper after the expansion. Reverse Osmosis plant will be installed. The waste water will be colour less due to absence of captive pulping. No bleaching will be involved. The boiler ash will be used for manufacturing bricks in company's own fly ash brick manufacturing machines and for road construction. Waste pulp will be used for firing in the boilers.</p>	View Compliance	<p>waste water generated from all manufacturing process goes to waste water treatment plant (WWTP) for treatment. Final treated water is partly used for irrigation, partly recycled for the purpose of sludge dewatering plant, coal yard, road spraying, ash quenching and remaining is discharged to Sapna nallah. The treated effluent passing through Sapna nallah is also taken by the farmers to use for cultivation purpose during summer and winter season. This water is the only source for the farmers of nearby locality adjacent to Sapna nallah, so open drain facilitates the farmers for irrigation/cultivation purpose. The average discharge volume is much below the condition given/ton of paper produced for all plant. The waste water generated from ETP is colour less. RO plant has been installed for water treatment for boiler feeding. Fly ash generated is being supplied to outside brick manufacturers (about 404 nos.) to produce fly ash bricks.</p> <p>Complied 13-11-2025 Attachment:NA</p>	
2	Statutory compliance	<p>Public hearing meeting was held on 19th June, 2006. 'No Objection Certificate' has been accorded by the Orissa Pollution Control Board (OSPCB) vide letter no. 20697/Ind.II-NOC-4243 dated</p>	PPs Submission	<p>Complied Complied 13-11-2025 Attachment:NA</p>	

		24th August, 2006. Total cost of the project is 330.0 Crores.		
3	Statutory compliance	The Ministry of Environment and Forests hereby accords environmental clearance to the proposed of the above project under the provisions of EIA Notification dated 14th September, 2006 subject to strict compliance of the following specific and general conditions.	PPs Submission	Being complied. Complied 13-11-2025 Attachment:NA
4	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the Orissa State Pollution control Board and the State Government.	PPs Submission	Shall be followed. Complied 13-11-2025 Attachment:NA
5	Statutory compliance	No expansions or modification in the plant shall be carried out without prior approval of the Ministry of Environmental and Forests.	PPs Submission	Being complied. Complied 13-11-2025 Attachment:NA
6	Statutory compliance	Adequate ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the OSPCB. Data on ambient air quality, fugitive	PPs Submission	Continuous Ambient air quality monitoring stations (CAAQMS-3Nos.) were installed to monitor PM ₁₀ , PM _{2.5} , SO ₂ and NO _x parameters in consultation with officials of OSPCB. The data is being transmitted to SPCB and CPCB web servers. Enclosed data on ambient air quality, fugitive emission and stack emissions as Annexure-5. Complied

		emission and stack emissions shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and Orissa state Pollution control Board once in six months.		13-11-2025 Attachment: Click to View
7	Statutory compliance	The overall noise levels in and around the plant area should be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).	PPs Submission	The overall noise levels in and around the plant area are being monitored regularly, which are well within the standards (85 dBA). Unit has implemented various noise control measures like acoustic hoods, silencers, enclosures etc. on all sources of noise generation. Enclosed data as Annexure-6. The ambient noise levels are well within the standards prescribed under EPA Rules, 1989. Complied 13-11-2025 Attachment: Click to View
8	Statutory compliance	The company shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report. Further, the company shall earmark funds separately for improving socio-economy and ecology of the region.	PPs Submission	Details of implemented environmental protection measures and safeguards as recommended under EIA/EMP report. Enclosed the same as Annexure-7. Unit has earmarked separate budget for improving socioeconomic and ecology of the region. Complied 13-11-2025 Attachment: Click to View
9	Statutory compliance	The project authorities shall provide Rs. 23.00 crores and Rs. 2.05	PPs Submission	Industry has invested 59.50 Crores for pollution control measures.

		<p>Crores towards capital and recurring cost/annum to implement the conditions stipulated by the Ministry of Environment and forests as well as the State Government and submit an implementation schedule for the conditions stipulated herein to the Ministry's Regional Office at Bhubaneswar. The funds so provide shall not be diverted for any other purposes.</p>	<p>Recurring expenses towards environmental management is about 383.58 lacs for the period April, 2025 to September 2025.</p> <p>Complied 13-11-2025 Attachment:NA</p>	
10	Statutory compliance	<p>The Regional Office of this Ministry at Bhubaneswar / CPCB / OSPCB will monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.</p>	<p>PPs Submission</p> <p>As per letter No. 106-104/13 (1)/EPE dated 26.04.2013 Six monthly compliance reports are being submitting to all concerned officers.</p> <p>Complied 13-11-2025 Attachment:NA</p>	
11	Statutory compliance	<p>The company shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the OSPCB/committee and may also be seen at website of the Ministry of Environment and Forests at http://envfor.nic.in.</p>	<p>PPs Submission</p> <p>Complied. Complied 13-11-2025 Attachment:NA</p>	

		This shall be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office.		
12	Statutory compliance	The project authorities 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 and the data of commencing the land development work.	PPs Submission	Complied. Complied 13-11-2025 Attachment:NA
13	Statutory compliance	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	PPs Submission	Industry will abide by guideline as applicable. Complied 13-11-2025 Attachment:NA
14	Statutory compliance	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner will implement these conditions.	PPs Submission	Shall be followed. Complied 13-11-2025 Attachment:NA
15	Statutory compliance	The above conditions will be enforced, inter-alia under the	PPs Submission	Shall be followed. Complied

provisions of the Water (Prevention & control of Pollution) Act, 1974, the Air (Prevention & control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

13-11-2025
Attachment:NA

Document uploaded by the PP

Last Site Visit Report (if available)

NA

Last Site Visit Report Date (if available)

Additional Attachment (if any)

[Click to View](#)

Additional Remarks (if any)

☒ I 'MBS Nair' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

Cover Letter From RO/SRO

Cover Letter From RO/SRO

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