

Half Yearly Compliance Report**2025****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name		Kalimela OCP Expn.	
Name of Entity / Corporate Office		Tata Steel Ltd.	
Village(s)		N/A	
District		DHANBAD	
Proposal No.	IA/JH/CMIN/8145/2005	Category	Coal Mining
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	JHARKHAND	Entity's PAN	*****2803M
MoEF File No.	J-11015/252/2005-IA.II(M)	Entity name as per PAN	UTSAV KASHYAP

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	Compliance status of Environmental Clearance of Kalimela Open Cast Mining Project (0.34 MTPA) of M/s Tata Steel Ltd., Village Dungri, Tehsil Jharia, dist. Dhanbad, Jharkhand vide MoEFCC Letter no J-11015/252/2005-IA.II (M) dated June 22, 2006 for April 2025 to September 2025
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office Tata Steel Ltd.

	Project Area as per EC Granted	Actual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	38.04	38.04
Total	38.04	38.04

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Coal	Million Tons per Annum (MTPA)	N/A	0.3	0	
Conditions						
Specific Conditions						
Sr.No.	Condition Type	Condition Details				
1	Statutory compliance	All the conditions stipulated by SPCB in their NOC no N-35 dated 31.01.2005 are to be implemented effectively.				
PPs Submission: Complied NOC conditions are being complied with. The open cast operations have ceased, and no raw coal production is taking place. Currently the backfilling of the mine void by the OB has been completed and biological reclamation work is in progress.						Date: 18/11/2025
2	MISCELLANEOUS	The bund/embankment shall be designed taking into account highest flood level, based on past data, in the Damodar River/ Dungri Jore so as to guard against mine inundation.				
PPs Submission: Complied The embankment exists along Dungri Jore. The HFL (Highest flood line) of Damodar river is way below the surface level of open cast mine hence bunds across the river is not necessary.						Date: 18/11/2025
3	GREENBELT	Topsoil should be stacked properly with proper slope at earmarked sites and should not be kept active and shall be used for reclamation and development of green belt.				
PPs Submission: Complied No further top soil will be generated as coal mining activity has been ceased. The back filling has been completed and the top soil is being used for biological reclamation of backfilled and OB area. Glimpses of activities is attached as Annexure -I						Date: 26/11/2025
4	Statutory compliance	OB should be stacked at earmarked external OB dumpsite(s) within ML area and shall be a maximum height of 60m only and consist of benches of 10m each. The ultimate slope of the dump shall not exceed 28°. Backfilling shall begin at the end of 3rd year in the decoaled area. Monitoring and management of existing reclaimed dumpsites should continue until the vegetation becomes self-sustaining. Compliance Status should be submitted to the MOEF and its regional office at Bhubaneswar on yearly basis.				
PPs Submission: Complied OB was stacked within ML area at an area of 12 ha approx. About 24.08 lakh cum of OB generated has been stacked with an approximate height reached of 50 mts. The other conditions are being followed as well. This OB has been used for backfilling the mine pit as part of our mine closure plan. Now the backfilling work has been completed and biological reclamation work is in progress.						Date: 18/11/2025
5	MISCELLANEOUS	Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from soil, OB and mineral dumps. The water so collected should be utilized for watering the mine area, roads, green belt development, etc. The drains should be regularly desilted and maintained properly. Garland drains (size, gradient and length) and sump capacity should be designed keeping				

		50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of slit material.
PPs Submission: Complied Catch drain and siltation ponds have been constructed to arrest the debris, silt and sediment flows from OB dumps. Collected water had been used for watering mine area, roads and plantation. Total length of catch drains was 2200 mts. Garland drains (about 1790 mts) had been completely constructed around the mine site to ensure runoff water during rainy season is properly drained off. Since mine area has not going to expand, no additional garland drains are required as of now.		Date: 18/11/2025
6	MISCELLANEOUS	Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation should be based on the rainfall data
PPs Submission: Complied Retention wall (or Toe wall) of about 2200 mts. exists around the dump area to check run-off and siltation.		Date: 18/11/2025
7	MISCELLANEOUS	The effluents from the coal washery shall be treated to prescribed norms before discharge from the lease.
PPs Submission: Complied There is no separate coal washery for OCP Kalimela. We have a central coal washery for Jamadoba group of mines, about 1.5 kms away, which has a closed water circuit system to maintain zero discharge.		Date: 18/11/2025
8	AIR QUALITY MONITORING AND PRESERVATION	Crushers at the CHP should be operated with high efficiency bag filters, water sprinkling system should be provided to check fugitive emissions from crushing operations, conveyor system, haulage roads, transfer points, etc.
PPs Submission: Complied There is no separate CHP for OCP Kalimela. The existing CHP for Jamadoba group of mines already has adequate measures in place such as water sprinkling system (fixed and movable) and dry fog system.		Date: 18/11/2025
9	AIR QUALITY MONITORING AND PRESERVATION	Drills should be wet operated.
PPs Submission: Complied It is not applicable now as mining has ceased.		Date: 18/11/2025
10	AIR QUALITY MONITORING AND PRESERVATION	Controlled blasting should be practiced only during daytime with use of delay detonators. The mitigative measures for control of ground vibration and to arrest the fly rocks and boulders should be implemented.
PPs Submission: Complied It is not applicable now as mining has ceased.		Date: 18/11/2025
11	GREENBELT	Area brought under afforestation includes reclaimed external OB dump (12.89 ha), backfilled area (25.15 ha), along ML boundary, along roads (0.45 ha) and in undisturbed area (1.14 ha) within the lease area by planting native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha.

PPs Submission: Complied The backfilling work has been completed and the biological reclamation work is in progress.		Date: 18/11/2025
12	LAND RECLAMATION	A progressive closure plan shall be implemented by reclamation of quarry area of 25.15 ha which shall be backfilled and afforested by planting native plant species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha. The balance 1.10 ha of decoaled area shall be converted into a water reservoir, the upper benches of which shall be gently sloped and stabilized and reclaimed with plantation.
PPs Submission: Complied The reclamation work is in progress as per the progressive mine closure Plan. The mine closure plan of KOCP is under mining plan of Jamadoba Colliery (including MCP of Kalimela) has been approved by MOC, Delhi.		Date: 18/11/2025
13	MISCELLANEOUS	Conservation Plan for endangered species, if any, found in and around the project area shall be formulated, if required, in consultation with the State Forest and Wildlife Departments.
PPs Submission: Complied Not Applicable.		Date: 18/11/2025
14	WATER QUALITY MONITORING AND PRESERVATION	The company shall obtain prior approval of CGWA/ CGWB Regional Office for use of groundwater if any, for mining operations.
PPs Submission: Complied Not Applicable.		Date: 18/11/2025
15	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of groundwater level and quality should be carried out by establishing a network of existing wells and construction of new peizometers. The monitoring for quantity should be done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality in May. Data thus collected should be submitted to the Ministry of Environment & Forest and to the Central Pollution Control Board quarterly within one month of monitoring.
PPs Submission: Complied Now there will be no impact on ground water as mining has ceased. However, quality of groundwater is regularly analysed as required and attached in Annexure-II		Date: 18/11/2025
16	WATER QUALITY MONITORING AND PRESERVATION	The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource. The project authorities should meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
PPs Submission: Complied Now there will be no impact on ground water as mining has ceased. However, quality of groundwater is regularly analysed as required and attached in Annexure-II		Date: 18/11/2025
17	WATER QUALITY MONITORING AND PRESERVATION	ETP should also be provided for workshop, coal washery and CHP wastewater.
PPs Submission: Complied		Date:

It is not applicable. Though ETP for Central Workshop has been commissioned having facility of Oil and Grease Trap.		18/11/2025
18	Statutory compliance	R&R shall not be less than the norms laid down by the State Government and shall be completed within a specified time-frame.
PPs Submission: Complied It is not applicable.		Date: 18/11/2025
19	Statutory compliance	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests for approval 5 years in advance of final mine closure for approval.
PPs Submission: Complied It has been approved by MOC, Delhi and submitted to MoEF and CC.		Date: 18/11/2025
20	Statutory compliance	Consent to operate shall be obtained before starting mining operations.
PPs Submission: Complied Consent to operate was obtained from JSPCB vide letter ref. No. SPCB/HO/RNC/CTO-13226858/2022/959 dated-04.07.2022, which was valid up to 30.09.2023, for backfilling and reclamation. The activities were completed, and biological reclamation is ongoing with trees plantation. Hence, the CTO was surrendered on 20.07.2023 vide letter no. JMB/ENV/SPCB/08/519/2023. Letter attached as an Annexure I		Date: 25/11/2025
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and forest.
PPs Submission: Complied All mining excavation activities are terminated. Reclamation work is in progress		Date: 18/11/2025
2	Statutory compliance	No change in the calendar plan including excavation, quantum of mineral coal and waste should be made.
PPs Submission: Complied All mining excavation activities are terminated. Reclamation work is in progress.		Date: 18/11/2025
3	AIR QUALITY MONITORING AND PRESERVATION	Four Ambient Air quality monitoring station should be established in the core zones as well as in the buffer zone SPM, RSPM, SO2 and NOX monitoring location of the stations should be decided based on the metrological data & topographical features & environmentally & ecologically sensitive targets in consultation with SPCB.
PPs Submission: Complied The operations have now ceased. The ambient air monitoring is done at 4 locations and the reports are attached as Annexure -II		Date: 18/11/2025
4	AIR QUALITY MONITORING AND PRESERVATION	Fugitive dust emissions (SPM & RSPM) from all the sources should be controlled regularly monitored & data recorded properly. Water spraying arrangement on haul roads, wagon loading, and dump

		trucks (loading & unloading) points should be provided & properly maintained.
PPs Submission: Complied Presently no coal excavation and coal transportation jobs are going on. However, water sprinkling on roads is being done regularly.		Date: 18/11/2025
5	AIR QUALITY MONITORING AND PRESERVATION	Data on ambient air quality (SPM, RSPM, SOx & NOx) should be regularly submitted to the Ministry including its regional office at Bhubaneswar and to the SPCB & CPCB once in six months.
PPs Submission: Complied The ambient air monitoring is done at 4 locations and the reports are submitted to SPCB, CPCB and MoEFCC on half yearly basis Annexure - II		Date: 18/11/2025
6	Noise Monitoring & Prevention	Adequate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations of HEMM etc. All should be provided with Ear Plug/Muff.
PPs Submission: Complied It is not applicable now.		Date: 18/11/2025
7	WATER QUALITY MONITORING AND PRESERVATION	Industrial waste water (Workshop and Waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May 1993 and 31st December 1993 or as amended from time to time before discharged. Oil and Grease trap should be installed before discharge of Work shop effluent.
PPs Submission: Complied There is no generation of wastewater.		Date: 18/11/2025
8	AIR QUALITY MONITORING AND PRESERVATION	Vehicular emissions should be kept under control and regularly monitored. Vehicle used for transporting the mineral should be covered with tarpaulins and optimally loaded.
PPs Submission: Complied No mineral is being transported now. The vehicles carrying OB are only allowed to ply after securing full compliance on vehicle check list. Check list ensures the optimum load, good condition, emissions under limit.		Date: 18/11/2025
9	MISCELLANEOUS	Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the SPCB.
PPs Submission: Complied We have a fully equipped Environment Cell Laboratory with qualified personnel. The monitoring and analysis are also done at regular intervals by a NABL and JSPCB recognized laboratory.		Date: 18/11/2025
10	Human Health Environment	Personnel working in dusty area should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspect. Occupational Health Surveillance programme of the worker should be under taken periodically to observe any contraction due to exposure to dust and to take corrective measures if needed.
PPs Submission: Complied		Date:

It is not applicable now.		18/11/2025
11	MISCELLANEOUS	A separate Environmental Management cell with suitable qualified personnel should be set up under the control of a senior executive, who will report directly to the Head of the Company.
PPs Submission: Complied We have a separate Environmental Management Cell with four qualified personnel. The reporting of Environmental Cell is directly to General Manager of the Division.		Date: 18/11/2025
12	Corporate Environmental Responsibility	Funds earmarked for environmental protection measures should be kept in separate A/C and should not be diverted for other purposes. Year wise expenditure should be reported to this ministry and its regional office at Bhubaneswar.
PPs Submission: Complied The Environment Cell has a separate fund for Environmental protection measures and for complying with legal requirements.		Date: 18/11/2025
13	MISCELLANEOUS	The regional office of this ministry located at Bhubaneswar shall monitor compliance of the stipulated conditions. The project authorities shall extend full co-operation to the officer of regional office by furnishing the requisite Data/ information/ monitoring report.
PPs Submission: Complied Being complied. All data is being furnished in the compliance report and during inspection.		Date: 18/11/2025
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
<p>Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p>		