

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

Proposal No	IA/JH/CMIN/7134/2006
Compliance ID	128043480
Compliance Number(For Tracking)	EC/M/COMPLIANCE/128043480/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	02-06-2025
RO/SRO Name	Shri Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	JHARKHAND
RO/SRO Office Address	Integrated Regional Offices, Ranchi
Note:- SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, JHARKHAND with Notification to Project Proponent.	



To
Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, 2nd Floor, Headquarter- Jharkhand State Housing Board,
Harmu Chowk, Ranchi, Jharkhand – 834002, Ranchi
Email: ro.ranchi-mef@gov.in

WBD/EMC/4071/063/25
Date: 29.05.2025

Ref: Environmental Clearance letter no. J-11015/108/2016-IA.II(M) dated: 17.05.2007

Sub: Online submission of Half-yearly EC Compliance Report for the period October'24 – March'25 in Parivesh Portal w.r.t West Bokaro Open Cast Coal Mine of Tata Steel Limited.

Dear Sir,

Environmental Clearance was accorded to West Bokaro Open Cast Coal Mine of Tata Steel Limited vide Letter No. J-11015/108/2006-IA.II(M), dated: 17.05.2007. We are herewith submitting the half yearly EC Compliance Report for the period from October'24 – March'25 as per EIA Notification, 2006 on Parivesh Portal and through soft copy for your ready reference.

We trust that the measures taken towards environmental safeguards comply with the stipulated environmental conditions. We look forward to your further guidance which shall certainly help us in our endeavor for further improve upon our Environmental Management practices.

Thanking you,
Yours faithfully,

Head (Environment Management)
Raw Materials Division
TATA Steel Limited

Copy to : The Chairman, Central Pollution Control Board, South end Conclave, Block 502, 5th & 6th Floors, 1582, Razidanga, Main Road, Kolkata - 700107 (West Bengal)
: The Member Secretary, State Pollution Control Board, T.A. Division (Ground Floor), H.E.C. Dhurva, Ranchi - 834004 (Jharkhand)
: The Regional Officer, State Pollution Control Board, PTC Chowk, Matwari, Hazaribagh – 825301 (Jharkhand)

TATA STEEL LIMITED

West Bokaro Division Ghatotand Jharkhand 825 314 India
Tel 91 6545 262356 (O) Fax 91 6545 262221 262172
Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001
Tel 91 22 66658282 Fax 91 22 66657724
Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

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Kumar Prasad,
Project Proponent[Back](#)

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Proposal Details

Proposal No	IA/JH/CMIN/7134/2006	Category	Coal Mining		
Name of Project	West Bokaro Opencast Coal Mine Project				
Plot / Survey/ Khasra No.		Village(s)		Sub-District(s)	
State	JHARKHAND	District	RAMGARH		
MoEF File No	J-11015/108/2006-IA.II(M)	Name of the Entity/ Corporate Office	Tata Steel Limited	Entity's PAN	*****2803M
Entity Name as per PAN	UTSAV KASHYAP	Entity details mentioned above is correct ?	Agree		

Covering Letter

Covering Letter [Click to View](#)

Compliance Reporting Details

Reporting Year

2025

Reporting Period

01 Jun(01 Oct - 31 Mar)

Remark(if any)

Online submission of Half-yearly EC Compliance Report for the period October 2024 to March 2025 in Parivesh Portal w.r.t West Bokaro Open Cast Coal Mine of Tata Steel Limited.

Details of Production and Project Area

Date of Commencement of Project/Activity

01-01-1948

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0	0
Revenue Land	313	313
Forest	1427	1427
Others	0	0
Total	1740	1740

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	Raw Coal	Million Tons per Annum (MTPA)	7	7MTPA	JSPCB/HO/RNC/CTO-8604352/2020/1993	31-12-2025	6.6

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	MINING PLAN	The embankment along the River Bokaro shall be designed taking into account the highest flood level, based on past data, along the quarry area at the mine boundary along the River Bokaro so as to guard against mine inundation. The slope of the embankment shall at least 2:1 towards the ML and shall be stabilized by plantation. The height of the embankment shall be at least 5 m higher than the HFL.	PPs Submission	The embankment along the entire stretch of river Bokaro along the quarry area exists and is taking into account the highest flood level. Following steps have been taken by the mine to guard against mine inundation: Greenery has been developed and maintained on the natural barrier. In addition to this natural barrier, an embankment has been constructed by using OB. This embankment is being maintained between mine and river Bokaro and above the certified HFL of the mine. The embankment is having a slope of 2:1 towards the ML area. The embankment has been fully covered with plantation. In addition to the above, a concrete wall having length of 340 mtrs and height of 5 mtrs has also been constructed along the quarry edges leaving a solid barrier from the riverbank Complied 29-05-2025 Attachment:NA
2	GREENBELT	Topsoil should be stacked properly with proper slope at earmarked site(s) and should not be kept active and shall be used for reclamation and development of green belt.	PPs Submission	No topsoil is presently being generated afresh as mining work is not being done in virgin area. Future mining operations in virgin areas will lead to generation of topsoil which will be spread over the backfilled area concurrently facilitating growth of plantation over the area. Earlier generated topsoil have already been used over the mine dumps and for plantation activities and these dumps have been stabilized. Complied 29-05-2025 Attachment:NA
3	MINING PLAN	No new external OB dumps shall be created for storing OB. Monitoring and	PPs Submission	After grant of EC, no new external OB dumps have been created. Currently, excavated OB is accommodated in the internal mine voids as part of mine backfilling

		management of existing reclaimed dump sites should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forests and its Regional office located at Bhubaneswar on and yearly basis.		Complied 29-05-2025 Attachment:NA
4	LAND RECLAMATION	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 de silted 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 be provided adequate retention period to allow proper settling of silt material.	PPs Submission	In order to arrest flow of silt and sediments from OB dumps it is submitted that OB dumps have been fully covered with plantation which have become self-sustaining. There is no chance of any erosion from the OB dumps. The catch drains help to divert the surface run-off falling over the dumps to the mine sump. No water is allowed to discharge outside the mine premises. The only dump which is yet to be vegetated which falls over the coal bearing area as such it will be rehandled in the coming year to excavate coal blocked below it and accommodating the waste in de-coaled void. The mine quarry act as a big sump with approximate sump capacity 50 - 120 million gallons, considering maximum rainfall and depending upon the catchment area. Further, accumulated mine pit water is also being used in industrial and domestic purpose after necessary treatment. One of the abandoned quarries is being used as Rainwater Harvesting Structure of capacity 1600 million gallon Complied 29-05-2025 Attachment:NA

5	LAND RECLAMATION	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	Dumps have been created with inward slope so that maximum runoff water in monsoon comes into the mine pits and no runoff water goes outside the mining lease. Further, toe wall and garland drains have been made to channelize the water inside the mine pit. Damaged toe walls are being repaired on regular basis. Complied 29-05-2025 Attachment:NA
6	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	Crusher houses of CHP are equipped with dry fog dust suppression system at various belt transfer points. Fog Cannon and high pressurized fixed water sprinklers installed at the receiving hopper area of CHP. Additionally, truck mounted dust suction system has been deployed at crusher area. Conventional coal stock yards are replaced with concrete silos for dust controls. Mobile water sprinklers are used in mine haul roads and approach roads. Coal from mining to washery is being sent through closed conveyor system to reduce the fugitive emission. Mist Cannons is being used in coal stacking area. Fixed water sprinkler network has been installed in the coal dispatch areas. Further closed pipe conveyors are used to transport the Coal. Complied 29-05-2025 Attachment:NA
7	AIR QUALITY MONITORING AND PRESERVATION	Drills should be wet operated.	PPs Submission	All the drills are wet operated and interlocked with drill operations. Complied 29-05-2025 Attachment:NA
8	MINING PLAN	Controlled blasting should be practiced only during daytime with use	PPs Submission	Blasting in mines area is regularly being practiced in daytime only. Continuous monitoring along with data collection is being practiced. Delay detonators are being practiced minimizing vibration, dust and

		of delay detonators. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders should be implemented		formation of fly rocks. Complied 29-05-2025 Attachment:NA
9	LAND RECLAMATION	Area brought under afforestation shall not be less than 1260 ha which includes reclaimed external OB dump (85 ha), backfilled area (974 ha), along ML boundary, along roads, green belt (201 ha), in undisturbed areas and in colony within the mine lease area by planting native species in consultation with the local DFO/ Agriculture Department. The density of the trees should be around 2500 plants/ ha	PPs Submission	Progressive afforestation is being practiced as per approved mining plan. This year about 16,000 native trees, shrubs and grass saplings have been planted in areas including OB dumps, safety zone, residential colonies, etc. TATA Steel is committed to conserve, enhance and restore the biodiversity in its areas of operations and made a biodiversity policy to achieve no net loss of biodiversity over a period of time. Various initiatives are taken to conserve and restore the biodiversity in the area in consultation with forest officials. We have developed a native plant species nursery in the mined-out area and all the plantation activities are being carried out using the in-house developed saplings Complied 29-05-2025 Attachment:NA
10	MINING PLAN	A Progressive Closure Plan shall be implemented by reclamation of quarry area of 974 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 20 ha of de coaled area being	PPs Submission	Progressive Mine Closure Plan is being implemented in accordance with approved Mine plan. This has been verified during site inspection by CCO and CMPDI held in 2024. The total reclamation of quarry area is 974 ha out of which 98 ha area has been reclaimed through backfilling as on date. Afforestation and reclamation of de-coaled area is being done by planting native species such as Banyan, Pipal, Sal, Mahua, Palash, Shisham, Karanj, Jamun, Arjuna, Babul, Kathal, Neem, Gulmohar, Teak, Ber, etc in consultation with DFO Ramgarh Forest Division as per prevailing guidelines. As per approved mine plan, all dumps will be re-handled as the mine progress, however, to stabilize the dumps, plantation was done by native grasses and shrubs, and we have also done the soil spreading on dump slopes followed by grass seedball spreading. Plantation has been completed along the upper benches with gentle slopes of

		converted into a water reservoir shall gently slope along the upper benches and stabilized and reclaimed with plantation		Pundi de-coaled area which has been converted into water reservoir. Complied 29-05-2025 Attachment:NA
11	Statutory compliance	A Conservation Plan for endangered species found in and around the project area shall be formulated and for the medicinal plants (in-situ and ex-situ) shall be prepared and implemented in consultation with the State Forest and Wildlife Departments. Separate funds shall be earmarked for implementation of the various activities there under and the status thereof shall be regularly reported to this Ministry and the MoEF Regional Office, Bhubaneswar	PPs Submission	Site Specific Wildlife Conservation and Management Plan has been approved by PPCF Wildlife consultation with officials of Forest Dept. Implementation of the plan by forest department is work in progress. Medicinal Park has been developed in an area of 1700 sq.m and maintained to conserve plants having medicinal values. Many species have been planted in the medicinal park such as Aswagandha, Arjun, Bay leaf, Lemon grass, Insulin, Kalonji, Vernonia, Dhatura, Sarpagandha, Tulsi, Hing, Aloe vera, Chirata, Shatavari, Giloy, Madar, Semar, etc have been planted in the area. Complied 28-05-2025 Attachment:NA
12	WATER QUALITY MONITORING AND PRESERVATION	No groundwater shall be used for the mining / project activities. Additional water required, if any, shall be met by recycling / reuse of the water from the existing activities and from rainwater harvesting measures	PPs Submission	There is no abstraction of ground water from borewell, dug well for mining and project activities. However, CGWA NOC is available for dewatering of mine water. Active mine pits are being utilized for water accumulation for use in water spraying in mine. This leads to optimized use of mine water and promotes conservation of surface water resources. An abandoned mine pit is converted into Rainwater Harvesting (RWH) pond of capacity of 1600 Million Gallon, which is being used for industrial and domestic purpose after proper treatment as per the requirement. Entire processed water is recycled and reused. We are recycling the washery outlet water after dewatering process of tailings in our mechanical dewatering plant

				<p>and further, recycling of water from the tailings ponds in a closed circuit.</p> <p>Complied</p> <p>29-05-2025</p> <p>Attachment:NA</p>
13	WATER QUALITY MONITORING AND PRESERVATION	<p>Regular monitoring of groundwater level and quality should be carried out by establishing a network of existing wells and construction of new piezometers. 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 & Forests and to the Central Pollution Control Board quarterly within one month of monitoring</p>	PPs Submission	<p>Regular monitoring of groundwater level and quality is being carried out by a network of piezo- and dug-wells. The monitoring of ground water level is being done four times a year in pre-monsoon, monsoon, post-monsoon and winter seasons and for quality in May. Data thus collected is being submitted to the Ministry of Environment and Forests and to the Central Pollution Control Board quarterly.</p> <p>Complied</p> <p>29-05-2025</p> <p>Attachment:NA</p>
14	WATER QUALITY MONITORING AND PRESERVATION	<p>The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource. The project authorities should meet water requirement of nearby</p>	PPs Submission	<p>We have converted abandoned mined out pit in Pundi area as a rainwater harvesting reservoir which helps to recharge the ground level. The ground water recharge measures are continuously being taken up in buffer zone by developing the village ponds and wells. We are supplying the drinking water to the nearby villages by pipeline network from our mine pit water followed by water softening facility and we have also constructed a Rainwater Harvesting cum water treatment facility to supply water to nearby</p>

		village(s) in case the village wells go dry due to dewatering of mine		villages. Complied 29-05-2025 Attachment:NA
15	WATER QUALITY MONITORING AND PRESERVATION	ETP should also be provided for workshop, coal washery and CHP. There shall be zero discharge of wastewater from CHP and the coal washeries. Effluents from the tailings pond shall be treated to conform to prescribed standards in case of discharge into any water course outside the lease	PPs Submission	ETP for HEMM workshop is maintained with ZLD. In addition to above, mechanical tailing dewatering system is installed for Washery and CHP area by which the tailing slurry is handled through high frequency screen and belt press to produce dry tailings and recover water for recycling and further, recycling of water from the tailings ponds in a closed circuit. The water from tailing pond after proper de-silting of tailings is recycled back to washeries to maintain zero discharge. Oil traps are also installed for workshops. Complied 29-05-2025 Attachment:NA
16	WATER QUALITY MONITORING AND PRESERVATION	A STP shall be provided for the township / colony to treat the domestic effluents to prescribed standards and for their reuse in project activities	PPs Submission	Sewage Treatment Plants (STPs) are installed inside the lease hold area and treated water is being reused in dust suppression of the road, gardening purpose and other project activities. Complied 29-05-2025 Attachment:NA

17	Corporate Environmental Responsibility	R&R shall be based on norms laid down by the State Government and shall not be inferior than that in the National R&R Policy and shall be completed within a specified time - frame	PPs Submission	Tata Steels West Bokaro Colliery was granted a mining lease of 1740 ha and all the operations are confined within the leasehold area and further, there is no additional land acquisition envisaged for the project so there is no applicability of R and R for the project. Although, we are shifting the illegal inhabitants (encroachers) outside the working area. Complied 29-05-2025 Attachment:NA
18	MINING PLAN	For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1: 5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MoEF and its Regional office at Bhubaneswar	PPs Submission	A Land use maps was prepared for core and buffer zone with a detailed study report and the same was submitted to Regional office of Ministry of Environment, Forest and Climate Change vide letter no. WBD/EMC/4071/003/24 dated: 03.01.2024 and soft copy also mail to ro.ranchi-mef gov.in dated 03.01.2024. Complied 29-05-2025 Attachment:NA
19	MINING PLAN	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	It will be complied five years in advance of final mine closure plan for approval. Although we are submitting Mine Closure Fund annually in Escrow account. Complied 29-05-2025 Attachment:NA

20	Statutory compliance	Consent to operate shall be obtained before expanding mining operations	PPs Submission	Consent to operate is being obtained regularly and is valid till 31.12.2025. Complied 29-05-2025 Attachment:NA
21	Statutory compliance	No mining operations shall be undertaken in the forestland until clearance has been obtained under the provisions of FC Act, 1980.	PPs Submission	Mining operations are continuing in the diverted forest area and broken-up forest area prior to 1980 as per Forest Conservation Act 1980 as well as non-forest areas. Complied 29-05-2025 Attachment:NA

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Statutory compliance	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests	PPs Submission	Noted. Shovel dumper mining technology is being implemented. Complied 29-05-2025 Attachment:NA
2	MINING PLAN	No change in the calendar plan including excavation, quantum of mineral coal and waste should be made	PPs Submission	Complied. The raw coal production is in line with the mining plan with the approved EC limit. Complied 29-05-2025 Attachment:NA

3	AIR QUALITY MONITORING AND PRESERVATION	Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for SPM, RPM, SO ₂ and NO _x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the SPCB	PPs Submission	Locations for ambient air quality monitoring stations were decided considering the topography of the area, prevailing wind directions obtained from long-term meteorological data and approachability to the sampling site, regional background, population density and industrial activities in the area. The pre-dominant direction of the wind is from North-West (NW) direction and 2nd dominant direction is South-East (SE) direction. Air monitoring stations in core zone (4 nos.) as well as in the buffer zone (4 nos.) has been established for ambient air quality monitoring in consultation with Regional Officer of State Pollution Control Board. Complied 29-05-2025 Attachment:NA
4	AIR QUALITY MONITORING AND PRESERVATION	Fugitive dust emissions (SPM and RPM) from all the sources should be controlled regularly monitored and data recorded properly. Water spraying arrangement on haul roads, wagon loading, dump trucks (loading and unloading) points should be provided and properly maintained	PPs Submission	Strategic locations of operating plants with the possibilities of fugitive dust emissions has been provided with adequate enclosures, side skirt, chute, seal plate, sealing of transfer points along with adequate dust suppression system. The haul road, loading and unloading points are provided with pressurized water tanker for water spraying along with chemical dosing, wagon loading does not require any water spraying since the coal is in moist condition. Fixed water sprinklers have been provided on the roads. Complied 29-05-2025 Attachment:NA
5	AIR QUALITY MONITORING AND PRESERVATION	Data on ambient air quality (SPM, RPM, SO ₂ and NO _x) should be regularly submitted to the Ministry including its Regional Office at Bhubaneswar and to the State Pollution Control Board and to the	PPs Submission	Ambient air quality (SPM, RPM, SO ₂ and NO _x) is being monitored on regular basis and the data has been submitted to MoEFCC, Regional office, JSPCB and CPCB once in six months. Complied 29-05-2025 Attachment:NA

		Central Pollution Control Board once in six months.		
6	Noise Monitoring & Prevention	Adequate measures should be taken for control of noise levels below 85 db(A) in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc. should be provided with ear plugs/ muffs.	PPs Submission	Control measures are being taken up to keep noise level well within limit in working environment by providing adequate enclosure/ separation to the various high noise sources, proper maintenance, provision of control room, operators a/c cabin etc. Persons engaged in operation are provided with PPEs such as ear plug/ muff during work. Warning signs in local language are also displayed at various areas in mines and plant. Complied 29-05-2025 Attachment:NA
7	WATER QUALITY MONITORING AND PRESERVATION	Industrial wastewater (workshop and wastewater 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 discharge. Oil and grease trap should be installed before discharge of workshop effluents	PPs Submission	ETP for HEMM workshop is maintained with ZLD. The Industrial wastewaters generated from various operations are handled through effluent management system provided in all operational dept. with the objective to treat the effluent and recycle the clear water into the system again. The HEMM maintenance shops have been provided with oil trap arrangement to recover the oil during washing of equipment. The recovered used oil during washing is sold to authorized recycler as per guideline and the effluent generated is checked for quality and recycled - reused in the system. The ETP treated water quality is analyzed on quarterly basis by own lab as well as third party NABL lab. The parameters have been found to be within limits. Complied 29-05-2025 Attachment:NA
8	Human Health Environment	Vehicular emissions should be kept under control and regularly monitored vehicles used for transporting the mineral should be covered with	PPs Submission	Vehicular emission is kept under control by regularly monitoring and maintenance of vehicles. overloading of vehicles is avoided during mineral transport. We also transferring material by pipe conveyors. For transportation of Minerals, we are using dust seal 81620 of M/s Nalco water India Ltd. for which NOC has been

		tarpaulins and optimally loaded		granted by JSPCB to use this as other means to cover coal while transportation. Complied 29-05-2025 Attachment:NA
9	Statutory compliance	Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board	PPs Submission	A full-fledged Environmental laboratory is functioning with adequate number of pollution monitoring and analysis instruments. The laboratory employs well trained chemists and staff to carry out the sampling and analysis jobs for monitoring of air quality, effluent water quality, drinking water quality and surface/ground water quality. Records of all such parameters including ambient noise, ground water level, meteorological data is maintained in the lab. Complied 29-05-2025 Attachment:NA
10	Human Health Environment	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed	PPs Submission	Dusty areas such as crushers etc. are provided with dry fog system and fixed dust sprinklers so as to eliminate dust from source. All haul roads are equipped with fixed and mobile dust sprinklers. Drill operations are wet only. The operators of various HEMM being operated inside the mines are provided with air-condition cabins. Dust masks has been provided to the personnel working in dusty area. The persons have been imparted necessary training on safe work practices and appraised the adverse consequences on health in case of any violation of the practices. Occupational health surveillance program is being conducted on regular basis in our Hospital for health checkup as per the Coal Mines Rules. The health awareness program is also being conducted regularly in all the departments. There are no adverse cases found during the health check-up assessments. West Bokaro Tata Main Hospital is well-equipped with an Occupational Health Surveillance Center. OHS Center employs a full-time Occupational Health Specialist. Health of the employees through audiometry, X-ray, pathology, ophthalmology, lung-function test, etc are monitored. Pre-

				<p>placement medical examination and periodical examination of the workers engaged is being conducted and record maintained. The schedule of Periodical Medical Examination is once in every 3 years for the employees of age more than 45 years and once in 5 years for the employees of age less than 45 years.</p> <p>Complied 29-05-2025 Attachment:NA</p>
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	<p>A separate Environment Management Cell is in place at West Bokaro with qualified persons. The Environmental Management system is guided by the Environmental policy of Company and guidelines of ISO 14001. There is a well-established system for identification of environmental aspects and impacts and review mechanism of the implementation of environmental management system. Any non-compliance is dealt at bottom and reported to the highest level in the hierarchy. Details of the personnel of Environmental Management Cell of West Bokaro Division: Sl. No. Name Qualification Designation Work Experience 1 Mr. Mukesh Kumar Prasad B.Tech in Env Engg Head (Environment Management) RM 14 years 2 Mr. Pradeep Kumar Gour B.Tech in Env Engg Area Manager Environment Coal 06 years 3 Mr. Soumya Ranjan Rath M.Tech in Env Engg Manager Environment West Bokaro 05 years 4 Mr. Ajeet Singh PGD Env Science Manager Afforestation West Bokaro 22 years 5 Mr. Nageshwar Mahato Sr Secondary Lab. Tech. 21 years 6 Mr. Budhan Besra Sr Secondary Lab. Asst. 22 years 7 Mr. Karan Kishor Rakesh M.Sc in Chemistry Sr. Chemist 28 years 8 Mr. Pashupati Nath Gupta M.Sc in Chemistry Chemist 08 Years 9 Ms. Priyanka Mehta M.Sc in Chemistry Chemist 04 years 10 Mr. Sunil Kumar B.Com Office Associate 16 years</p> <p>Complied 29-05-2025 Attachment:NA</p>
12	MISCELLANEOUS	The funds earmarked for environmental protection	PPs Submission	<p>The Environmental Management Cell of West Bokaro Division having separate fund for environmental protection measures /</p>

		measures should be kept in separate account and should not be diverted for other purpose. Year-wise expenditure should be reported to this Ministry and its Regional Office at Bhubaneswar		compliance to legal requirements. Besides above, all other departments are also maintaining expenditure details for environmental protection measures in their working area. The expenditure occurred during the FY-25 is approx. Rs.6996.28 Lakh. Complied 29-05-2025 Attachment:NA
13	MISCELLANEOUS	The Regional Office of this Ministry located at Bhubaneswar shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/ information/monitoring reports	PPs Submission	Being complied with Being Complied 29-05-2025 Attachment:NA
14	MISCELLANEOUS	A copy of the clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom any suggestion / representation has been received while processing the proposal	PPs Submission	A copy of the Environmental Clearance letter was submitted to The Panchayat Sewak vide letter no. WBD/EMC-10/59/07 dated: 12.06.2007. Complied 29-05-2025 Attachment:NA
15	MISCELLANEOUS	State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office/ Tehsildar's Office for 30 days	PPs Submission	Complied with. Complied 29-05-2025 Attachment:NA

16	MISCELLANEOUS	<p>The Project authorities should advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven days of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at the website of the ministry of Environment & Forests at http://envfor.nic.in</p>	<table><tr><td>PPs Submission</td><td>Complied with. Complied 29-05-2025 Attachment: Click to View</td></tr></table>	PPs Submission	Complied with. Complied 29-05-2025 Attachment: Click to View
PPs Submission	Complied with. Complied 29-05-2025 Attachment: Click to View				

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Last Site Visit Report (if available)	Click to View	Last Site Visit Report Date (if available)	17-02-2025	Additional Attachment (if any)	NA
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**Additional Remarks
(if any)**

☒ I '[Tata Steel Limited](#)' 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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