



TSL/FAMD/SCM/FY27/4087
Date: 26-05-2026

To,
Deputy Director General
Integrated Regional Office,
Ministry of Environment and Forest & Climate Change, Eastern Region Office,
A/3, Chandrasekharapur, Bhubaneswar-751023

Sub: Submission of half-yearly compliance report on the stipulated environmental clearance terms and conditions in respect of Sukinda Chromite Block of M/s Tata Steel Limited, for the period from Oct-2025 to March-2026.

Ref: 1) MoEF Letter Ref No: J-11015/96/2011-IA. II (M), dated 06.09.2013
2) MoEF&CC's notification vide S.O-5845, dt. 28th Nov 2018.

Dear Sir,

We are herewith submitting the six-monthly compliance report on the status of the implementation of the conditions stipulated in environmental clearance vested in favor of Sukinda Chromite Block of M/s Tata Steel Limited vide MoEF Letter Ref No: J-11015/96/2011-IA. II (M), dated 06.09.2013, for the period from Oct-2025 to March-2026 for your kind perusal.

This is in reference to the MoEF&CC's notification vide S.O-5845, dt. 28th Nov 2018, the six-monthly compliance report is being submitted only in soft copy mode, shared with your good office over e-mail @ roez.bsr-mef@nic.in and is being uploaded in Parivesh portal. As per the Vesting Order No. 5555 /SM/IV(B)SM-32/2020 dated 29th June'2020 issued by the Office of Nodal Officer, Steel & Mines Department of Government of Odisha, above environmental clearance has been vested to Tata Steel Mining Limited (Merged with Tata Steel Limited from 1st September 2023) for 50years (As per MMDR Act, 2021).

We believe the above submission is in order.

Thanking You
Yours faithfully,

Agent
Sukinda Chromite Block
Tata Steel Limited

Copy to:

1. The Regional Directorate, Central Pollution Control Board, 'South end Conclave' Block-502, 5th & 6th Floor, 1582, Razidanga, Main Road, Kolkata- 700107
2. Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Bhubaneswar, 751012.

TATA STEEL LIMITED

Ferro Alloys & Minerals Division | Sukinda Chromite Mine | Kalarangiatta | Jajpur | Odisha-755028
Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India
Tel 91 22 6665 8282 Fax 91 22 6665 7724 Website www.tatasteel.com
Corporate Identity Number L27100MH1907PLC000260

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

Proposal No	IA/OR/MIN/114264/2007
Compliance ID	1228934960
Compliance Number(For Tracking)	EC/M/COMPLIANCE/1228934960/2026
Reporting Year	2026
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	26-05-2026
RO/SRO Name	Shri Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	ODISHA
RO/SRO Office Address	Integrated Regional Offices, Bhubaneswar

Note:- SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, ODISHA with Notification to Project Proponent.

Half Yearly Compliance Report**2026****01 Jun(01 Oct - 31 Mar)****Acknowledgement**

Proposal Name	Sukinda Chromite Mines - Renewal of mine lease, expansion of Chrome Ore, Beneficiation Plant and Pyroxenite ore capacities and change of mining and beneficiation technologies of M/s Tata Steel Ltd. located at Sukinda P.O. Kalarangiatta, District Jajpur, Odisha - environmental clearance - regarding.		
Name of Entity / Corporate Office	Tata Steel Limited		
Village(s)	N/A		
District	JAJAPUR		
Proposal No.	IA/OR/MIN/114264/2007	Category	Non-Coal Mining
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	ODISHA	Entity's PAN	*****2803M
MoEF File No.	J-11015/96/2011-IA.II(M)	Entity name as per PAN	UTSAV KASHYAP

Compliance Reporting Details

Reporting Year	2026
Remarks (if any)	
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area**Name of Entity / Corporate Office** Tata Steel Limited

	Project Area as per EC Granted	Actual Project Area in Possession
Private	0	0
Revenue Land	332.303	332.303
Forest	247.382	247.382
Others	N/A	N/A
Total	579.685	579.685

Others Area

Sr. no	Other Name	Area Granted	Area Actual
1	NA	NA	NA

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Chromite Ore (ROM)	Tons per Annum (TPA)	31/03/2027	2400000	0	0
2	Pyroxenite	Tons per Annum (TPA)	31/03/2027	500000	0	0

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	No mining activities will be allowed in forest area for which the Forest Clearance is not available.
<p>PPs Submission: Complied</p> <p>The lease of 406.00ha comprised 404.669ha of forest land (73.697 ha as per HAL and 330.972 ha as per SABIK) and 1.331ha of non forest land. The details of Forest Clearance granted by MoEF and CC are; a) Letter no. 8 78/96 FC dated 27.01.1998 over 73.797 ha. and b) Letter No. 8 15/2016 FC dated 18.05.2018 over 330.972 ha. Mining and allied activities were carried within the lease hold area of 406.0ha within which the entire forest land had been diverted as per FC Act,1980.</p>		Date: 24/05/2026
2	Statutory compliance	The project proponent will seek and obtain approval under the FC Act, 1980 for diversion of the entire forest land located within the mining lease within a period of two years from 01.02.2013 i.e. the date of issue of guidelines by FC vide their letter-F. No. 11-362/2012-FC, failing which the mining lease area will be reduced to the non-forest area plus the forest area for which the project proponent had been able to obtain the FC at the end of this time period. In the case of reduction in mine lease area, the project proponent will need to get a revised mining plan approved from the competent authority for reduced area and enter into a new mining lease as per reduced lease area. The EC will be construed to be available for the mining lease area as per the revised mining lease deed.
<p>PPs Submission: Complied</p> <p>Renewal Forest Diversion Proposal for entire forest land of 73.697 ha within the Mining Lease area was applied in time. The FDP has been duly recommended by the F and E department, Govt. of Odisha to the Ministry of Environment and Forests, Govt. of India for onward consideration for grant of Forest Clearance. MoEFCC has granted Stage I Forest Clearance with one year working permission vide letter no. 8 78/1996 FC (pt I), dated 03.11.2014. Subsequent to endorsement of the MMDR Amendment Act, 2015, the Govt. of Odisha extended the mining lease from 12.01.2013 to 31.03.2020 for which the supplementary lease deed was executed on 24.08.2015 and registered on 26.08.2015. In accordance with the MoEFCCs Circular No. F.No.11 51/2015 FC, dated.01.04.2015, the forest clearance dated 27.01.1998 got extended till 31.03.2020. Further, in accordance with the MoEFCCs Circular F.No.8 78/1996 FC, dated.10.03.2015, the forest area as on 25.10.1980 (i.e. Sabik Settlement) 404.669 ha. within the mining lease of 406 ha is now termed as forest land. Hence, fresh forest diversion proposal over an area of 330.972 ha (404.669 ha already diverted area of 73.697 ha) has been applied on 02.11.2015 and with reference to the Agenda No.1 (F.No.8 15/2016 FC) of the Minutes of meeting of Forest Advisory Committee held on 25th April 2017 (published in the web site), the mine was accorded Stage I clearance vide letter F.No 8 15/2016 FC , dated 04.07.2017 over 330.972 ha of forest land as on 25.10.1980 and stage II in 2018. Thus, forest clearance was obtained in due time as per the rule then applicable. However, due to major change in land categorization of HAL and SABIK settlement by state government the identified SABIK forest land was diverted in 2018 as per the guidelines.</p>		Date: 24/05/2026

3	Statutory compliance	Till all the clearance are obtained for the proposed tailing pond/dam the project would only use existing tailing dam.
PPs Submission: Complied No chrome ore beneficiation plant is being operated at present. Thus, there is no tailing pond/dam.		Date: 24/05/2026
4	Statutory compliance	Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the Standing Committee of National Board for Wildlife, as may be applicable to this project.
PPs Submission: Complied There are no wildlife sanctuary, national park, biosphere reserves or other eco sensitive zones nor within 10 Kms from the boundaries on the project site.		Date: 24/05/2026
5	Statutory compliance	The project proponent shall obtain Consent to Establish and Consent to Operate from the State Pollution Control Board, Odisha and effectively implement all the conditions stipulated therein.
PPs Submission: Complied The Consent to Establish had already been obtained from Odisha State Pollution Control Board vide letter no. 17750/IND II NOC 5664 dated 30.09.2013 and same has been vested for 50 years. We have also obtained the Consent to Operate vide letter No. 3922/IND-I-CON-226, dt. 25/03/2025, valid till 31.03.2027.		Date: 24/05/2026
6	Statutory compliance	Environmental Clearance is subject to final order of the Hon ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004, as may be applicable to this project.
PPs Submission: Complied Final order of the Honble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004, is awaited. The petition status from the website of Supreme court of India read as Pending for Motion hearing; however, this didnt affect the legal status of environmental clearance since the project area/ lease area neither falls partly/wholly within any protected areas (wildlife sanctuaries, national parks, biosphere reserves or any other sensitive zones) nor within 10kms from the boundaries of such protected areas concerning which the original petition was filed. We have not yet received any instructions from the Ministry of Environment, Forest and Climate Change in this regard. The Environmental Clearance is vested for 50 years.		Date: 24/05/2026
7	AIR QUALITY MONITORING AND PRESERVATION	As part of ambient air quality monitoring during operational phase of the project, the air samples shall also be analysed for their mineralogical composition as may be so prescribed or notified by this Ministry and records maintained.
PPs Submission: Complied The ambient air quality is monitored twice a week at six locations within the Core Zone. The air samples are also analysed for their mineralogical composition on quarterly basis. All the stipulated parameters are being analysed and reported to OSPCB on monthly basis.		Date: 24/05/2026
8	MISCELLANEOUS	The ores and minerals shall be covered by tarpaulin or by such other means when transported out of the mine by road. The vehicles shall not be overloaded.
PPs Submission: Complied Mineral and ores, transported out of the mine lease boundary to the various destinations were completely covered by tarpaulin and secured in position by safety straps. However, dispatch have been stopped since March 2025 as we are in the process of surrendering the mine.		Date: 24/05/2026
9	AIR QUALITY	Effective safeguard measures such as conditioning of ore with

	MONITORING AND PRESERVATION	water, regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around crushing and screening plant, loading and unloading point and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
<p>PPs Submission: Complied</p> <p>Ambient air quality is being monitored at six locations within the core zone/lease area as per NAAQS 2009 guidelines. Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFLOCR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		Date: 24/05/2026
10	WATER QUALITY MONITORING AND PRESERVATION	The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
<p>PPs Submission: Complied</p> <p>Rainwater harvesting measures in the form of series of harvesting ponds were constructed in the peripheral villages in coordination with Tata Steel Foundation, CSR wing of Tata Steel. CGWA has granted NOC for groundwater abstraction vide NOC no. CGWA/NOC/MIN/ORIG/2024/21093 dated 17/12/2024. Presently, a fully functional roof top rainwater harvesting project (water harvesting potential of 1220 m³) at the administrative office inaugurated in Oct 2014 is in working condition. Further, feasibility study was conducted through KRG Foundation to explore the possibility of water harvesting in the nearby villages located in the mine periphery. As per the recommendations we have constructed 14 nos of rainwater harvesting ponds (30x30x3 mtr) and check dams for water recharge.</p>		Date: 24/05/2026
11	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring (at least four times in a year pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January), once in each season) shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Bhubaneswar, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
<p>PPs Submission: Complied</p> <p>Ground water levels and quality are being monitored continuously through a network of piezometers constructed along the mine periphery.</p>		Date: 24/05/2026
12	WASTE MANAGEMENT	The maximum height of the overburden dumps from its toe to the top of the dump on sloping ground shall not be more than 110 m. The dump slope shall be suitably terraced by leaving berms of adequate width in between lifts such that the overall slope angle (i.e. angle between the line joining the crest to the toe of the dump and across all such lifts with the horizontal) does not exceed 28 degrees.
<p>PPs Submission: Complied</p> <p>Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFLOCR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		Date: 24/05/2026

13	WASTE MANAGEMENT	The individual slopes and berms of each lift or bench of the overburden dump when completed shall be provided with adequate drainage arrangements or shall be suitably stabilized by such other means to prevent erosion due to surface run-offs.
<p>PPs Submission: Complied</p> <p>Adequate stabilization measures were implemented for the dump slopes maintained with proper drainage network. Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>
14	WASTE MANAGEMENT	Adequate precautionary measures shall be taken for strengthening the dump foundation. Particularly while dumping over soft ground, the toe region all along the extremities of such dumps shall be suitably buttressed with hard rocky boulders after excavating the topsoil and soft ground. Dumping operations shall commence only after such preparatory work for the dump foundation is completed in order to prevent its failure, which may trigger a slide of the entire dump.
<p>PPs Submission: Complied</p> <p>Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>
15	LAND RECLAMATION	All external over burden dumps at the end of the mine life shall be reclaimed and rehabilitated by afforestation. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment and Forests and its Regional Office located at Bhubaneswar on six monthly basis
<p>PPs Submission: Complied</p> <p>Rehabilitation of OB dumps was done in accordance with the provisions of the approved mine plan and final mine closure plan.</p>		<p>Date: 24/05/2026</p>
16	WATER QUALITY MONITORING AND PRESERVATION	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, soil, mineral and OB dump(s) to prevent run off of water and flow of sediments directly into the Damsala Nallah and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly. Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dump(s) to prevent run off of water and flow of sediments directly into the Damsala Nallah and other water bodies and sump capacity should be designed keeping 50 percent safety margin over and above peak sudden rainfall (based on 20 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.
<p>PPs Submission: Complied</p> <p>Garland drain and settling pits of appropriate dimensions have been constructed to arrest the silts and sediments during the wash out/runoff from the mine workings/dumps. The adequacy of the surface runoff management is to be assessed and validated while considering the rainfall data of the region. Entire surface runoff from the mine is guided up to the Effluent Treatment Plant of capacity 4500KI/hr from where the treated effluent is reused/recycled back for greenbelt development and</p>		<p>Date: 24/05/2026</p>

		<p>maintenance, dust suppression, drinking and other domestic utilities. Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25. Only dewatering of mine pit is being carried out for usage of domestic water after treatment in ETP and WTP.</p>	
17	WASTE MANAGEMENT	Retaining wall having adequate dimensions shall be constructed at the toe of the over burden dumps to check run-off and siltation.	
		<p>PPs Submission: Complied Toe wall along with garland drains had been constructed as per the mine plan. The ruptured retaining walls are boulder pitched and maintained around the periphery of the dump. Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>	<p>Date: 24/05/2026</p>
18	GREENBELT	Plantation shall be raised in an area of 384.44 ha including a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around the higher benches of /excavated void etc. after the completion of opencast mining activity by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha.	
		<p>PPs Submission: Complied The plantation programme were carried out as per the Final Mine Closure Plan.</p>	<p>Date: 24/05/2026</p>
19	AIR QUALITY MONITORING AND PRESERVATION	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading point and transfer points. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	
		<p>PPs Submission: Complied Ambient air quality is monitored at six locations within the core zone/lease area as per NAAQS 2009 guidelines. Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>	<p>Date: 24/05/2026</p>
20	WATER QUALITY MONITORING AND PRESERVATION	Mine water discharge and/or any waste water shall be properly treated in an ETP/s for the removal of hexavalent chromium and to meet the prescribed standards before reuse/discharge. The runoff from OB dumps and other surface run off shall be analyzed for hexavalent chrome and in case its concentration is found higher than the permissible limit, the waste water should be treated before discharge/reuse.	
		<p>PPs Submission: Complied An Effluent Treatment Plant (ETP) of capacity 4500KL/hr designed with automated dosing system, clari flocculator, and flash mixture, dry sludge collection system, multi bed filtration system, etc, was in operation for surface runoff/mine water treatment. FeSO₄ is used as the reductant to ensure removal of Cr₆. The effectiveness of the treatment was continuously monitored through real time online monitoring system with Sensor based analysers for parameters like pH, TSS and Cr₆. Apart from the continuous effluent monitoring system, samples from the Inlet and Outlet of ETP are also analysed at our laboratory (inhouse facility) on daily basis for all the operational shifts. Surface water samples are also analysed from the mine pits, runoffs from dumps, etc. by an OSPCB accredited third party on monthly basis and records are being maintained. No discharge of runoff/effluent is allowed without prior treatment and checking its conformance with the permissible</p>	<p>Date: 24/05/2026</p>

	standards.	
21	WATER QUALITY MONITORING AND PRESERVATION	The decanted water from the beneficiation plant shall be re-circulated within the plant and there shall be zero discharge.
PPs Submission: Complied Beneficiation plant is not operational, hence there no waste water is being generated.		Date: 24/05/2026
22	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of water quality upstream and downstream of Damsala Nallah shall be carried out and record of monitoring data should be maintained and submitted to Ministry of Environment and Forests, its Regional Office, Bhubneswar, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.
PPs Submission: Complied The monitoring of water quality at upstream and downstream of Damsala Nallah is being carried out by an OSPCB empanelled laboratory and the records were maintained and submitted to the State Pollution Control Board on monthly basis. Monitoring results were also submitted along with the compliance report to the MoEF and CC (regional Office) with the abstract of the monitoring results.		Date: 24/05/2026
23	WATER QUALITY MONITORING AND PRESERVATION	Appropriate mitigative measures shall be taken to prevent pollution of Damsala Nallah, if any, in consultation with the State Pollution Control Board.
PPs Submission: Complied Following mitigative measures have been implemented to prevent pollution of Damsala Nallah: 1. ETP with capacity of 4500KI/hr, designed with settling pit, flash mixture, clarri focculator, automatic dosing system, dry sludge collection system, multi sand filters etc. was in operation. 2. Treated water from the ETP is reused /recycled within the mine for various purposes like greenbelt, dust suppression, drinking water treatment etc. to minimize the discharge load on the Damsala Nallah. 3. No effluent is discharged beyond the mine premises without prior treatment and its conformance with the permissible discharge norms. 4. Effluents discharged from the outlet of ETP, are monitored on real time basis with continuous effluent monitoring system for parameters like pH, TSS, flow and Cr6. 5. We have been utilising the mine effluents for drinking purpose within the camp since May2018 after two stage treatment processes such as primary treatment at ETP with correction to suspended solids, pH, Hexavalent Chromium and secondary treatment at WTP with disinfection and other subsequent processes.		Date: 24/05/2026
24	Statutory compliance	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water for the project.
PPs Submission: Complied The total water requirement is fulfilled from the ETP treated water. No surface water is being withdrawn for mining use.		Date: 24/05/2026
25	WATER QUALITY MONITORING AND PRESERVATION	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, Central Ground Water Board.
PPs Submission: Complied One roof top rain water harvesting structure had been constructed at administrative office building which is working effectively. Further, feasibility study was conducted through KRG Foundation to explore the possibility of water harvesting in the nearby villages located in the mine periphery. As per the recommendations we have constructed 14 nos of rainwater harvesting ponds (30x30x3 mtr) and check dams for water recharge.		Date: 24/05/2026

26	MISCELLANEOUS	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral from mine face to the beneficiation plant. The vehicles shall not be overloaded.
PPs Submission: Complied Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.		Date: 24/05/2026
27	Risk Mitigation and Disaster Management	Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
PPs Submission: Complied Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.		Date: 24/05/2026
28	AIR QUALITY MONITORING AND PRESERVATION	Mineral handling plant shall be provided with either adequate number of high efficiency dust extraction system or water injection system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
PPs Submission: Complied No mineral handling plant (COB Plant, Crushing and Screening Plant) is in operation.		Date: 24/05/2026
29	Statutory compliance	Consent to operate shall be obtained from State Pollution Control Board prior to start of enhanced production from the mine.
PPs Submission: Complied We have also obtained the Consent to Operate vide letter No. 3922/IND-I-CON-226, dt. 25/03/2025, valid till 31.03.2027.		Date: 24/05/2026
30	WATER QUALITY MONITORING AND PRESERVATION	Sewage treatment plant shall be installed for the colony. ETP shall also be provided for workshop and waste water generated during mining operation.
PPs Submission: Complied A Sewage Treatment Plant of 1000KLD had been constructed as per BIS standard for domestic effluent/sewerage and the treated effluent is being reused for garden development. An ETP with capacity of 4500 KI/hr having the facilities like, settling pit, flash mixture, clarri flocculator, dry sludge collection system, multi sand filters, etc. had been constructed and in operation for the treatment of mine pit water and surface runoff.		Date: 24/05/2026
31	MISCELLANEOUS	Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment and Forests and its Regional Office, Bhubaneswar.
PPs Submission: Complied The drone image was submitted with compliance report for RO inspection on 02.08.2023 .		Date: 24/05/2026
32	AIR QUALITY MONITORING AND PRESERVATION	Regular monitoring of ambient air quality including free silica shall be carried out and records maintained.

<p>PPs Submission: Complied Regular monitoring of ambient air quality is carried out at six locations as per NAAQS 2009 and the free silica in ambient air is monitored by personal dust sampling to assess the workforces exposure to RPM in ambient air and free silica content in it. The record is maintained.</p>		<p>Date: 24/05/2026</p>
33	Human Health Environment	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
<p>PPs Submission: Complied Pre Employment/Pre placement medical examination is mandatorily ensured for employees prior to their joining. Apart from this, periodical medical examination (PME) is conducted for all employees and the records are maintained. Besides this the company is also undertaking various initiatives for the improvement in the occupational health and for removing the safety hazards at industrial workplace.</p>		<p>Date: 24/05/2026</p>
34	Statutory compliance	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna such as elephant etc. spotted in the buffer zone of the mine and contribute towards the cost of implementation of the plan and/or Regional Wildlife Management Plan for conservation of flora and fauna so prepared by the State Forest and Wildlife Department. The amount so contributed shall be included in the project cost. A copy of action plan shall be submitted to the Ministry and its Regional Office, Bhubaneswar within 3 months.
<p>PPs Submission: Complied Site specific Wildlife Conservation Plan has already been submitted to DFO, Cuttack vide our letter no. SCM/ ENV/091/13, dated 18.12.2013. We have contributed to State Specific CAMPA Fund for implementation of Site Specific Wildlife Conservation Plan. All applicable precautionary measures stipulated by State Forest Department and laid down during the approval of Site Specific Wildlife Conservation Plan is adhered to. As per year wise afforestation programme proposed in Mining Plan, plantation was being carried out in optimized waste dump floor and slope.</p>		<p>Date: 24/05/2026</p>
35	MINING PLAN	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment and Forests 5 years in advance of final mine closure for approval.
<p>PPs Submission: Complied This mine was obtained during auction process as per MMDR Act, 2020. We have already submitted the 10 per cent of the total resource value to Govt, the amount will be adjusted during closure of mine. The final mine closure has been approved by IBM vide letter no, MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>
36	Statutory compliance	Drills shall either be operated with dust extractors or equipped with water injection system.
<p>PPs Submission: Complied Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>
37	Statutory compliance	The project authority shall adopt best mining practices for given conditions in the mining area, adequate number of check dam, retaining wall/ structure, garland drains and settling ponds should be provided to arrest the wash off with rain water in catchment area.

<p>PPs Submission: Complied We had adopted best available mining technologies for given conditions in the mining area. Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>
38	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>The natural water bodies and or stream which are flowing in and around the village should not be disturbed. The water table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the project authority has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug well</p>
<p>PPs Submission: Complied No such water bodies exist within mine lease area. Damsala Nallah being the only water bodies flowing within the buffer zone of mine whereby mining operation doesnt have any direct intervention w.r.t diversion or alteration to its existence, however, effluents from mine is discharged into the streams of Damsala Nallah but only after ensuring proper treatment within mine for which an ETP of capacity 4500KI/hr is in operation. Ground water monitoring was regularly carried out by means of a network of open dug wells in the buffer zone i.e nearby villages on quarterly basis. Water harvesting and water recharge structure like pond will be constructed in nearby villages. The change in ground water level is given in Annexure I. During dry season we have supplied the drinking water to the near by villages.</p>		<p>Date: 24/05/2026</p>
39	<p>MISCELLANEOUS</p>	<p>The illumination and sound at night at project sites disturb the village in respect of both human and animal population. Consequent sleeping disorder and stress may affect the health in the village located close to mining operation. Habitations have a right to darkness and minimal noise level at night. The Project Proponents must ensure that the biological clock of the village is not disturbed by orienting the floodlights mask way from the village and keeping the noise levels well within prescribed limits for day/ night hours.</p>
<p>PPs Submission: Complied No such long-range flood lights have been installed within mine. All Lighting masts installed within mine are oriented for optimal illumination within mine lease area. There are no such villages located in closed proximity to the mine other than village Kakudia, which is distantly located from the working pits and is near to OB dumps where mining operation (dumping) is no longer carried out since 2014 and more ever there lies a barrier of natural forest b/w dump and the village. Safety zone all along the lease periphery is maintained with plantation which also acts as a barrier.</p>		<p>Date: 24/05/2026</p>
40	<p>MISCELLANEOUS</p>	<p>The project Authority shall make necessary alternative arrangement, where required, in consultation with state Government to provided alternated areas for livestock grazing. In this case context, the Project Authority should implement the direction of Hon ble Supreme Court with regard to acquiring grazing land. The sparse tress on such grazing ground, which provides mid-day shelter from the scorching sun, should be scrupulously guarded felling lest the cattle abandon the grazing ground or return home by noon.</p>
<p>PPs Submission: Complied The entire mine area of 406.00ha is of govt lands (404.669ha of forest land and 1.331ha of non-forest land). No such grazing land have been acquired by the company.</p>		<p>Date: 24/05/2026</p>
41	<p>Statutory compliance</p>	<p>Where ever blasting is undertaken as part of mining activity, the Project Authority shall carry out vibration studies well before approaching any such habitats or other building to evaluate the zone of influence and impact of blasting on neighbourhood. Within 500 meters of such sites vulnerable to blasting vibration, avoidance of use of explosives and adoption of alternative means of mineral extraction</p>

		such as ripper/dozer combination/ rock breakers/ surface mineral etc should be seriously considered and practiced wherever practicable. A provision for monitoring of each blast should be made so that impact of blasting on nearby habitation and dwelling unit could be ascertained. The covenant of lease deed under rule 31 of MCR 1960 provided that no mining operation shall be carried out within 50 meters of public works such as public roads and building or inhabited sites except with prior permission from the competent Authority.
<p>PPs Submission: Complied</p> <p>Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>
42	AIR QUALITY MONITORING AND PRESERVATION	Main haulage road in the mines should be provided with permanent water sprinkler and other road should be regularly wetted water tanker fitted with sprinkler. Crusher and material transfer points should be invariably be provided with bag filter and or dry fogging system. Belt conveyor fully covered to avoid air borne dust.
<p>PPs Submission: Complied</p> <p>Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>
43	MISCELLANEOUS	The project Authority shall ensure that productivity of agriculture crops is not affected due to the mining operation. Crop Liability Insurance Policy has to be taken by PP as a precaution to compensate for the crop loss. The impact zone shall be 5 Km from the boundary of mine lease area for insurance policy. In case, several mines are located in cluster mines, formed inter alia, to sub serve such and objective shall be responsibility for securing such Crop Liability Policy.
<p>PPs Submission: Complied</p> <p>The mine is surrounded by many mines owned by other lessees. So far there is no such potential adverse impact on the agricultural land had been evidence. However, in case of any such scenario is envisaged in future the same will be addressed in desired manner.</p>		<p>Date: 24/05/2026</p>
44	MISCELLANEOUS	In case any village is located within the mining leasehold which is not likely to be affected due to mining activities during the life of mine, the Expert Appraisal Committee (EAC) should consider the proposal of Environmental Clearance (EC) for reduced mining area. The mining lease may be executed for the area for which EC is accorded. The mining plan also accordingly revised and required stipulation under the MMDR Act 1957 and MCR 1969 met.
<p>PPs Submission: Complied</p> <p>There are no villages within the lease hold area of 406.0ha for which EC had been accorded by MoEFCC.</p>		<p>Date: 24/05/2026</p>
45	MISCELLANEOUS	Transportation of minerals by road passing through the village shall not be allowed. A bypass road should be constructed (say leaving a gap of at least 200 m) for the purpose of transportation of minerals so that the impact of sound, dust and accidents could be mitigated. The PP shall bear the cost towards the widening and strengthening of existing public road network in case same is proposed to be used for the project. No road movement should be allowed on existing village road network without appropriately increasing carrying capacity of such road.

<p>PPs Submission: Complied Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>
46	MISCELLANEOUS	<p>Likewise, alteration or re-routing of foot paths, pagdandies, cart road and village infrastructure/ public utilities or roads (for purpose of land acquisition for mining) shall be avoided to extent possible and in such case acquisition is inevitable, alternative arrangements shall be made first and the only the area can be acquired. In these types of cases Inspection reports by site visit by expert may be insisted upon which should be done through reputed Institutes.</p>
<p>PPs Submission: Complied Entire lease area of 406.0ha is govt. land (404.669ha of forest land and 1.331ha of non-forest land thus this project is not subjected to land acquisition.</p>		<p>Date: 24/05/2026</p>
47	MISCELLANEOUS	<p>The CSR activates by companies including mining establishment has become mandatory up to 2 percent their financial turn over, socio Economic Development of neighbourhood. Habitats could also be planned and executed by the PPs more systemically based on need based door to door survey by established Social Institute/ Workers on the lines as required under TOR. R and R Plan// compensation details for Project Affected People (PAP) should be furnished. While preparing the R and R plant, the relevant State/ national Rehabilitation and Resettlement Policy should be kept in view. In respect of SCs and STs and weaker section of society in study, a need bashed sample survey, family-wise, should be undertaken to assess their requirement, and action programmes prepared and submitted accordingly, integrating the sectoral programs of line department of State Government. It may be clearly brought out whether the village including their R and R and socio-economics aspect should be discussed in EIA report.</p>
<p>PPs Submission: Complied CSR activities were undertaken by Tata Steel Foundation dept. of Tata Steel in and around the mine. Total expenditure on CSR fonts will be following the 2 perc obligation as per Companies Act. However, this mine is not subjected to land acquisition because the nature of land involved (govt. land) eliminating the R and R obligations of the company.</p>		<p>Date: 24/05/2026</p>
<p>General Conditions</p>		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	<p>No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.</p>
<p>PPs Submission: Complied There was no change in mining technology and scope of working. Mine is operated within the scope of the vested EC and approved mining plan.</p>		<p>Date: 24/05/2026</p>
2	Statutory compliance	<p>The calendar plan quantity of excavation, chrome ore, beneficiated chrome concentrates, pyroxenite ore and waste shall not be exceeded.</p>
<p>PPs Submission: Complied Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>

3	AIR QUALITY MONITORING AND PRESERVATION	At least four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10 micron i.e., PM10) and NOX monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The data so recorded should be regularly submitted to the Ministry including its Regional office located at Bhubaneswar and the State Pollution Control Board / Central Pollution Control Board once in six months.
<p>PPs Submission: Complied</p> <p>Six ambient air quality monitoring stations (four in the work zone, one in residential area and one near dispensary) is established for ambient air quality monitoring in line with CPCB guidelines fulfilling the requirements of NAAQS 2009. Apart from this, quarterly monitoring is also done at 10 buffer zone locations in the nearby villages. Parameters monitored are as per NAAQS 2009. The locations have been finalized in consultation with Regional Officer, State Pollution Control board according to the impact zone and wind direction. The monthly monitoring report is being submitted to SPCB for compliance to the specific and general conditions.</p>		Date: 26/05/2026
4	Noise Monitoring & Prevention	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
<p>PPs Submission: Complied</p> <p>DG sets were provided with acoustic enclosures to control the noise level below 85dB(A) in the work environment. Currently, the mining operation has been stopped, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		Date: 24/05/2026
5	WATER QUALITY MONITORING AND PRESERVATION	There will be zero waste water discharge from the plant.
<p>PPs Submission: Complied</p> <p>There is no chrome Ore beneficiation plant.</p>		Date: 24/05/2026
6	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.
<p>PPs Submission: Complied</p> <p>Persons working in dusty areas are provided with DGMS approved dust masks. Regular training programmes are conducted for the employees for raising awareness on health and safety aspects.</p>		Date: 24/05/2026
7	Human Health Environment	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
<p>PPs Submission: Complied</p> <p>All the employees have to undergo periodical medical examination (PME) in hospital. To improve the occupational health and removing the safety hazards at industrial workplace, TSL has formulated Zero harm policy. Apart from this, persons engaged in mining operations are also tested for their exposure to free silica content in respirable air (RPM) on quarterly basis.</p>		Date: 24/05/2026
8	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 Organization.

<p>PPs Submission: Complied The Environmental Management Cell is headed by the Head Environment Management RM at the corporate level who reports to senior management and is supported by Manager (Environment) and Environmental Monitoring Group at the site.</p>		<p>Date: 24/05/2026</p>
9	MISCELLANEOUS	<p>The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bhubaneswar.</p>
<p>PPs Submission: Complied Separate budget is allocated for environmental protection measures every year and maintained under a separate cost centre. Actual Expenditure on Environmental Protection Measures is being reported in Half yearly compliance report.</p>		<p>Date: 26/05/2026</p>
10	Statutory compliance	<p>The project authorities should inform to the Regional Office located at Bhubaneswar regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.</p>
<p>PPs Submission: Complied In accordance to the Rule 24 of MCDR 2017, final mine closure has been approved by IBM vide letter no. MCDR MiFL0CR/5/2022 BBS IBM RO BBS and the application for surrendering of mine lease has been submitted to state govt. vide letter no. VPRM/038/25.</p>		<p>Date: 24/05/2026</p>
11	Statutory compliance	<p>The Regional Office of this Ministry located at Bhubaneswar 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>
<p>PPs Submission: Complied The mine management will always be extending full cooperation to officer(s) of Regional office by furnishing the requisite data/ information/ monitoring report as and when required.</p>		<p>Date: 24/05/2026</p>
12	Statutory compliance	<p>The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Bhubaneswar, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Bhubaneswar, the respective Zonal Officer of Central Pollution Control Board and the State Pollution Control Board.</p>
<p>PPs Submission: Complied Six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data will be submitted to the Ministry of Environment, Forests and Climate Change and its Regional Office Bhubaneswar, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board in soft copy. The Six monthly EC compliance report along with environmental monitoring data is being uploaded in our website (www.tatasteel.com).</p>		<p>Date: 24/05/2026</p>
13	MISCELLANEOUS	<p>A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing</p>

		the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
PPs Submission: Complied The Environment Clearance letters was sent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body. The clearance letter is being displayed in website.		Date: 24/05/2026
14	MISCELLANEOUS	The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collectors office/ Tehsildars Office for 30 days.
PPs Submission: Complied Copy of the EC clearance letter has already been sent to Odisha State Pollution Control Board, its Regional office, District Industry Centre and the Collectors office/ Tehsildars Office.		Date: 24/05/2026
15	MISCELLANEOUS	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Office of the Ministry of Environment and Forests, Bhubaneswar by e-mail.
PPs Submission: Complied The Environment Statement in Form V is submitted before 30th Sept of every year .Copy of Environmental Statement is being sent to the State Pollution Control Board and to the Regional Office of MoEF and CC by e mail. Environmental statement is being updated/uploaded on the website (www.tatasteel.com).		Date: 24/05/2026
16	MISCELLANEOUS	The project authorities should advertise at least in two local newspapers of the District or State in which the project is located and widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project had been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bhubaneswar.
PPs Submission: Complied The grant of Environmental Clearance was advertised earlier in the Oriya daily The Samaja (date: 11.09.2013, page 5) and in English daily The New Indian Express (date: 11.09.2013, page 5). Copy of the above advertisement is also forwarded to the Eastern Regional Office of the MoEF vide letter no. SCM/ ENV/ 012/066/13, dated 18.06.2013. Now the same EC has been vested to Sukinda Chromite Block, M/s. Tata Steel Mining Limited (TSML) for fifty (50) years and name change done TSML to TSL.		Date: 24/05/2026
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
<p style="color: red;">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>		