



TSL/FAMD/FAPG/FY26/3368

Dt.25/11/2025

To,
Deputy Director General of Forests (Central)
Ministry of Environment, Forest & Climate Change,
Regional Office, A/3, Chandrasekharpur,
Bhubaneswar-751023

Sub: Submission of Half Yearly EC & CRZ Compliance for the period Apr'25 to Sep'25.

Ref: Letter No. J-11011/55/2011-1A-II(I) Dated 14.08.12 & 11-63/2012 Dated 18/3/13

Respected Sir,

We are enclosing the herewith half yearly Compliance return on Environment Clearance & CRZ Clearance for 55000 TPA High Carbon Ferro-Chrome plant for the period of Apr'25 to Sep'25.

This is for your kind information.

Thanking You,
Yours Truly,
For Tata Steel Limited

(Kishore Baran Maity)
Plant Head & Factory Manager
Ferro Chrome Plant, Gopalpur

Copy to:

1. The Member Secretary, State Pollution Control Board, A/118, Nilakantha Nagar,
Bhubaneswar, Odisha-751012)

TATA STEEL LIMITED

Project Gopalpur Gajapati Nagar Main lane Berhampur 760010 Dist. Ganjam odisha India

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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

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

Proposal No	11-63/2012/2012 10830/F E
Compliance ID	562988778
Compliance Number(For Tracking)	EC/M/COMPLIANCE/562988778/2025
Reporting Year	2025
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	29-11-2025
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**2025****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name	Proposed 55000 TPA High Carbon Ferro-Chrome Plant, 400000 TPA Rebar Mill and Desalination Plant at Gopalpur, Villages Chamkhandi, Sindhigaon Jagannathpur, Tehsil Chatrapur, District Ganjam, Odisha by M/s Tata Steel Limited		
Name of Entity / Corporate Office	Tata Steel Ltd		
Village(s)	N/A		
District	GANJAM		
Proposal No.	IA/OR/IND/5586/2011	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	ODISHA	Entity's PAN	*****2803M
MoEF File No.	J-11011/55/2011-IA.II(I)	Entity name as per PAN	UTSAV KASHYAP

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	Submission of Half Yearly EC Compliance for a period of April 2025 to September 2025 in details below.
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	140.426	140.426
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	140.426	140.426

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	High Carbon Ferro Chrome	Tons per Annum (TPA)	31/03/2026	55000	38504	55000

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The proponent shall obtain necessary CRZ clearance under the provision of CRZ Notification, 2010
PPs Submission: Complied We have been granted CRZ Clearance under the provision of CRZ Notification, 2011 on 18.03.2013 vide letter no. F No. 11-63/2012-IA.III from MoEFCC (IA Division).		Date: 25/11/2025
2	WASTE MANAGEMENT	No Charcoal shall be used as fuel. Pet Coal should be used as fuel instead of charcoal from unknown sources.
PPs Submission: Complied No Charcoal is used as fuel for plant operations.		Date: 25/11/2025
3	AIR QUALITY MONITORING AND PRESERVATION	Continuous monitoring facilities for all the stacks and sufficient air pollution control equipment viz. fume extraction system with bag filters, ID fan and stack of adequate height to submerged arc furnace shall be provided to control emission below 50 mg/Nm3
PPs Submission: Complied Continuous monitoring of SPM for process stack is in place in SAF-1, SAF-2 and BQT. Plant and Monthly report is being submitted to SPCB. Fume Extraction System with bag filters and ID fan has been installed to control emission. Adequate stack height is maintained in submerged arc furnace. Dust extraction and DFDS system is installed to check dust emissions.		Date: 25/11/2025
4	AIR QUALITY MONITORING AND PRESERVATION	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November 2009 shall be followed.
PPs Submission: Complied A.Q to NAAQ-2009 Standards have been referred for air quality monitoring and is being complied.		Date: 25/11/2025
5	AIR QUALITY MONITORING AND PRESERVATION	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.
PPs Submission: Complied Water sprinkling of 10000L is being used on roads/operating areas is being carried out on a regular basis to control the fugitive emissions. In addition to this Permanent Road sprinkler of 1.2 KM is installed to suppress the Dust.		Date: 25/11/2025
6	WATER QUALITY MONITORING AND PRESERVATION	The total water requirement shall not exceed 5.5 MLD. "Zero" effluent discharge shall be strictly followed, and no wastewater should be discharged outside the premises.
PPs Submission: Complied		Date:

The water requirement for 55,000 TPA of Ferro Chrome Plant is 2000 KLD approx. The ETP and STP has been installed and is in running condition and no wastewater is discharged outside the premises.		25/11/2025
7	WATER QUALITY MONITORING AND PRESERVATION	Efforts shall be made to make use of rainwater harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement should be met from other sources.
PPs Submission: Complied The water reservoir of 6.5 lakhs KL capacity is also used to store the rainwater during the monsoon. Rainwater post treatment is used to meet the water requirement.		Date: 25/11/2025
8	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act whichever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry' Regional Office at Bhubaneswar, SPCB and CPCB.
PPs Submission: Complied Surface water quality monitoring is being carried out regularly around the project site by third party registered and NABL accredited labs. Upstream and Downstream Surface water is carried out for monitoring every Month.		Date: 25/11/2025
9	Statutory compliance	All the Ferro chrome slag shall be used for land filling inside the plant or used as building material only after passing through Toxic Chemical Leachability Potential (TCLP) Test. Otherwise, hazardous substances shall be recovered from the slag and output waste and be disposed in secured landfill as per CPCB guidelines.
PPs Submission: Complied Ferro Chrome Slag testing for Toxic Chemical Leachability Potential (TCLP) has been done from IMMT. No hazardous substances were found. The same can be used for landfilling in low lying areas inside our plant premise.		Date: 25/11/2025
10	Risk Mitigation and Disaster Management	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB within 3 months of issue of environment clearance letter.
PPs Submission: Complied Risk and Disaster Management Plan along with the mitigation measures have been submitted to the MoEFCC vide letter no. OP-Env/C-04/52/2012 dated 12.11.2012 along with a copy to Eastern Regional Office, MoEFCC and Odisha State Pollution Control Board, Bhubaneswar. Additionally, an onsite emergency plan approved by Directorate of Factories and Boilers is also in place.		Date: 25/11/2025
11	Corporate Environmental Responsibility	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 20th September 2011 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.
PPs Submission: Complied Commitments made to the public during public hearing is being regularly implemented and monitored by Tata Steel Foundation (TSF) within the allocated budget.		Date: 25/11/2025
12	GREENBELT	As proposed green belt should be developed in at least 33 percent of the project area. Selection of plant species shall be as per the CPCB

		guidelines in consultation with the DFO.
PPs Submission: Complied Green belt development has been taken up in phase wise manner. We planted over 54718 saplings with an average survival rate greater than 95 percent.		Date: 25/11/2025
13	Corporate Environmental Responsibility	At least 5 percent of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Office at Bhubaneswar. Implementation of such program shall be ensured accordingly in a time bound manner.
PPs Submission: Complied Separate budget has been earmarked for the CSR activities, community as well as peripheral development activities such as Health, drinking water, Education, Environment etc. and is being done by our Tata Steel Foundation wing.		Date: 25/11/2025
14	MISCELLANEOUS	The Company shall provide housing for construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
PPs Submission: Complied Necessary infrastructure and facilities for the construction labors were provided during the construction Work.		Date: 25/11/2025
15	Corporate Environmental Responsibility	The Company shall submit within three months their policy towards Corporate Environment Responsibility which should inter-alia address (i) Standard operating process / procedure to being into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or administrative order of the Company to deal with environmental issues and ensuring compliance to environmental clearance conditions and (iii) System of reporting of noncompliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.
PPs Submission: Complied The Corporate Environment Policy is in place and has been submitted to the MoEFCC vide letter no. OP-Env /C-04/52/2012 dated 12.11.2012 with a copy to Regional Office, OSPCB.		Date: 25/11/2025
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the Orissa State Pollution Control Board and the State Government.
PPs Submission: Complied Stipulations as made by the State and Central Govt. are being adhered to from time to time.		Date: 25/11/2025
2	Statutory compliance	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.

PPs Submission: Complied Amendment to Environmental Clearance was granted by MoEFCC vide File no. J-11011/55/2011-IA II(I) on 08.08.2014.		Date: 25/11/2025
3	AIR QUALITY MONITORING AND PRESERVATION	The gaseous emissions from various process units shall confirm to the load/mass-based standards notified by the Ministry on 19th May 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.
PPs Submission: Complied The Process units have the gaseous emissions under control and below the prescribed limits		Date: 25/11/2025
4	AIR QUALITY MONITORING AND PRESERVATION	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.
PPs Submission: Complied At present four ambient air quality monitoring stations are installed. Monitoring reports is being regularly submitted to SPCB monthly basis.		Date: 25/11/2025
5	WATER QUALITY MONITORING AND PRESERVATION	Industrial wastewater shall 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. The treated wastewater shall be utilized for plantation purpose.
PPs Submission: Complied Effluent generated from the industry is being collected and treated in the ETP for reuse in the plant.		Date: 25/11/2025
6	Statutory compliance	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
PPs Submission: Complied Done as per the statute along with record keeping. It is being done as per the Factories Act in every 3rd Quarter of a Financial Year.		Date: 25/11/2025
7	WATER QUALITY MONITORING AND PRESERVATION	The company shall develop surface water harvesting structures to harvest the rainwater for utilization in the lean season besides recharging the ground water table.
PPs Submission: Complied A water reservoir of 6.5 lakhs liter capacity is in place to store the rainwater post monsoon which will be used for plant operation post requisite treatment.		Date: 25/11/2025
8	Corporate Environmental Responsibility	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.
PPs Submission: Complied Environmental Protection measures as indicated in the EIA and EMP report has been implemented. Socio-economic developmental activities in Health, Education, Sports, agriculture, and infrastructure		Date: 25/11/2025

development are being carried out in the surrounding and periphery villages.		
9	PUBLIC HEARING	Requisite amount shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.
PPs Submission: Complied Separate budget has been earmarked towards capital and operating environment expenditure.		Date: 25/11/2025
10	Statutory compliance	A copy of clearance letter shall be sent by the proponent to concern Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
PPs Submission: Complied Environment Clearance copy has been submitted to the concerned Govt. Private Bodies in Aug 2012. Environment Clearance letter is being uploaded on the Tata Steel website, www.tatasteel.com		Date: 25/11/2025
11	Statutory compliance	The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent the Regional Office of the MoEF at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2, NOX (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
PPs Submission: Complied Last six-monthly compliance reports have been uploaded to the company's website www.tatasteel.com. Electronic multi-line display board installed to display the criteria pollutant levels namely, PM10, SO2, NOX or critical sectoral parameters, indicated for the projects at main gate of the company for the public domain. The compliance reports are being sent to the Regional Office, MoEFCC and the respective zonal office of CPCB and SPCB.		Date: 25/11/2025
12	Statutory compliance	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB/ SPCB shall monitor the stipulated conditions.
PPs Submission: Complied As per the MoEFCC Office Memorandum dated 14th June 2022, all project proponents are required to upload the Half-Yearly EC Compliance Reports exclusively through the dedicated Compliance Module in the PARIVESH portal.		Date: 25/11/2025
13	Statutory compliance	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 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 conditions and shall

		also be sent to the respective Regional Office of the MoEF at Bhubaneswar by e-mail.
PPs Submission: Complied The last Environmental statement was submitted to SPCB and RO of MoEFCC as per EC condition EP Rule 1986.		Date: 25/11/2025
14	PUBLIC HEARING	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office at Bhubaneswar.
PPs Submission: Complied Complied. Paper advertisement details are as follows; Odia: SAMBAD, Page No. 9 English: The New Indian Express, Page no. 5 Advertisement details have been submitted to the MoEF Eastern Regional Office at Bhubaneswar on 19.08.12 and were also attached with the 1st Half Yearly Compliance Report.		Date: 25/11/2025
15	Statutory compliance	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.
PPs Submission: Complied Project received final approval from Tata Steel Board in August 2010 and is being funded through internal accruals. Ground leveling activities was started on 04.05.2013 and the same was being intimated to the board vide letter no PG-Env/C-01/03/2013 and PG-Env/C-01/04/2013, dated 10th May 2013. However, frequent strikes by the local people have deferred the plant operation.		Date: 25/11/2025
16	Noise Monitoring & Prevention	The overall noise levels in and around the plant area shall be kept well within the standards (85dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
PPs Submission: Complied It has been strictly adhered. Acoustic enclosures are provided for DG sets..		Date: 25/11/2025
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>		