



TSL/FAMD/FAPA/FY26/3365

Date: 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 Compliance report for the period Apr'25 to Sep'25.

Ref: Letter No. J-11011/43/2011-1A-II(I) Dated: 17th July 2019

Respected Sir,

With reference to the subject and reference number Cited above, we are uploading herewith the Half yearly EC Compliance on Parivesh portal for our 59,400 TPA Ferro Alloy Plant for the period of Apr'25 to Sep'25.

With best regards,

For Tata Steel Limited.

Authorized Signatory

CC to: The member Secretary, OSPCB, Bhubaneswar, Odisha.

Encl: as above.

TATA STEEL LIMITED

Ferro Alloys & Minerals Division Anantapur Dhurusia Athagarh Cuttack Odisha 754 027

Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India

Tel +91 22 6665 8282 Fax +91 22 6665 7724

Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

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

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| Proposal No | IA/OR/IND/26031/2010 |
| Compliance ID | 566826178 |
| Compliance Number(For Tracking) | EC/M/COMPLIANCE/566826178/2025 |
| 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**

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| Proposal Name | Proposed for expansion of Ferro Alloys Plant with addition of 2x16.5 MVA SAF - Amendment of EC for existing 2X16.5 SAF(i.e production capacity of 59400 TPA) at village Ananthapur, Tehsil Athagarh, Dist cuttack, Odisha | | |
| Name of Entity / Corporate Office | Tata Steel Limited | | |
| Village(s) | N/A | | |
| District | CUTTACK | | |
| Proposal No. | IA/OR/IND/26031/2010 | Category | Industrial Projects - 1 |
| Plot / Survey / Khasra No. | N/A | Sub-District | N/A |
| State | ODISHA | Entity's PAN | *****2803M |
| MoEF File No. | F. No. J-11011/43/2011-IA II (I) | Entity name as per PAN | UTSAV KASHYAP |

Compliance Reporting Details

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|-------------------------|--|
| 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

| | | |
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| Name of Entity / Corporate Office | Tata Steel Limited | |
| | Project Area as per EC Granted | Actual Project Area in Possession |
| Private | 33.79 | 33.79 |
| Revenue Land | 0 | 0 |
| Forest | 0 | 0 |
| Others | 0 | 0 |
| Total | 33.79 | 33.79 |

Production Capacity

| Sr. no | Product Name | units | Valid Upto | Capacity | Production last year | Capacity as per CTO |
|--------|---|----------------------|------------|----------|----------------------|---------------------|
| 1 | High Carbon Ferro Chrome/High Carbon Silico Manganese/Medium Carbon Silico Manganese/High CarbFerro | Tons per Annum (TPA) | 31/03/2026 | 59,400 | 51135 | 59400 |

Conditions

Specific Conditions

| Sr.No. | Condition Type | Condition Details |
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| 1 | WATER QUALITY MONITORING AND PRESERVATION | The concrete drains shall be de-silted and regular supervision of the areas shall be carried out so that blocking of the drains may be avoided for quick discharge of rainwater |
| <p>PPs Submission: Complied Strom water drains are provided and maintained before rainy season and are rose to six inch above ground level for not allowing any contamination through localized runners and spillages.</p> | | Date: 25/11/2025 |
| 2 | WATER QUALITY MONITORING AND PRESERVATION | Rainwater harvesting scheme shall be prepared so that the rainwater can be collected , reused and may be used for ground water recharge |
| <p>PPs Submission: Complied The rain water from surrounding catchment areas are isolated by boundary wall on all four side of the plant premises and therefore 12Nos of water recharge pits are available to handle the runoff water from the plant premises for ground water Recharge controlled by local control gradient.</p> | | Date: 25/11/2025 |
| 3 | MISCELLANEOUS | Prior clearance from standing committee for national board of wild life(NBWL) shall be obtained before commencement of any work at the site for the proposed expansion project |
| <p>PPs Submission: Complied The expansion project is dropped, and the amended EC has been issued vide letter no. J-11011/43/2011-IA.II(I) dt:17.07.2019 for the existing configuration 2X16.5 MVA SAF of plant production capacity of 59400 TPA of Ferro chrome/silico manganese/Ferro manganese. Hence there will be no further expansion inside the plant premises.</p> | | Date: 24/11/2025 |
| 4 | AIR QUALITY MONITORING AND PRESERVATION | The project proponent should install 24 X 7 air monitoring devices to monitor air emission, as provided by CPCB and submit report to ministry and its regional office. |
| <p>PPs Submission: Complied We have installed CEMS in our process stacks and its connectively has been established with SPCB and CPCB.</p> | | Date: 25/11/2025 |
| 5 | ENERGY PRESERVATION MEASURES | The loss of chromium shall be further reduced |
| <p>PPs Submission: Complied All improvement measures have been taken for recovery of Chromium through the existing Jigging plant. If any other new technology will be available in future shall be adopted.</p> | | Date: 25/11/2025 |
| 6 | AIR QUALITY | Measures shall be taken to reduce PM levels in the ambient air. |

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| | MONITORING AND PRESERVATION | Stack of adequate height and diameter with continuous stack monitoring facilities for all stacks shall be provided and sufficient air pollution control devices viz. Electronic precipitator (ESO) , bag house, bag filters etc shall be provided to keep the emission levels below 50 mg/Nm ³ and installing energy efficient technology |
| <p>PPs Submission: Complied</p> <p>Complied, the bag filter is maintained for consistent efficiency of 95 percent. The stack monitoring report as per the Annexure 2 Stack Pollution Control Equipment Size Qty of Flue Gas Handled (m³/hr) Furnace 1 Bag Filter 12 x 180 is equals to 2160 Bags 240000 Furnace 2 Bag Filter 12 x 180 is equals to 2160 Bags 240000 Briquette Plant Wet Scrubber is equals to 240 Hp pump 22000</p> | | Date: 25/11/2025 |
| 7 | AIR QUALITY MONITORING AND PRESERVATION | The national ambient air quality emission standard assured by the ministry vide G.S.R. no 826(E) dated 16th November, 2009 shall be followed |
| <p>PPs Submission: Complied</p> <p>Regular Monitoring results indicate that the AAQ results are very much within the NAAQS limit during the operation along with the pollution control equipment.</p> | | Date: 25/11/2025 |
| 8 | AIR QUALITY MONITORING AND PRESERVATION | Gaseous emission levels including 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 should be followed. New standards for the sponge iron plant issued by the ministry vide G.S.R. 414(E) dated 30thmay, 2008 should be followed |
| <p>PPs Submission: Complied</p> <p>Inside the plant ambient air quality results indicate the control of emissions from secondary sources as on date. The various control measures taken for secondary emission sources are: Source of Secondary Emission Control Measures Road All internal roads are concretized, and additional mobile water sprinkler are engaged within the premises for fugitive dust suppression. Tapping Fume Tapping fumes are sucked by a Hood and collection system which is routed through GCP. Feeding Points All Feeding points are installed with water fogging system. Raw material Conveyers In conveyer nodes intermittent water sprinkling is practice.</p> | | Date: 25/11/2025 |
| 9 | AIR QUALITY MONITORING AND PRESERVATION | Dust extraction system comprising of pulse jet type bag filter, centrifugal fan and motors, dust work including suction hoods, dust supports , stack dust hoppers, rotary air lock , valves etc should be installed |
| <p>PPs Submission: Complied</p> <p>Adequate Pollution control equipment has been provided to the source emissive Particulate as provided in paragraph 6 above.</p> | | Date: 29/11/2025 |
| 10 | WATER QUALITY MONITORING AND PRESERVATION | Water sprinkling arrangements as well as dry fog system to control fugitive emission shall be undertaken |
| <p>PPs Submission: Complied</p> <p>Water sprinkling is being done by mist cannon runs around the plant to control the fugitive dust emissions.</p> | | Date: 25/11/2025 |
| 11 | AIR QUALITY MONITORING AND PRESERVATION | Tap hole emissions shall be taken to GCP system by providing proper hood and suction system. |
| <p>PPs Submission: Complied</p> <p>Tap hole emissions are taken to GCP through covered hoods and appropriate suction System.</p> | | Date: 25/11/2025 |

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| 12 | WATER QUALITY MONITORING AND PRESERVATION | Water sprinkling at the raw material stock yard to control fugitive emission |
| PPs Submission: Complied This is being carried out by mobile sprinkler. | | Date: 25/11/2025 |
| 13 | AIR QUALITY MONITORING AND PRESERVATION | Driver system shall be provided at feeding point, transfer point at proportioning system to control fugitive dust emission |
| PPs Submission: Complied All mechanized process is in place. | | Date: 25/11/2025 |
| 14 | AIR QUALITY MONITORING AND PRESERVATION | Dust suppression system and bag filters shall be installed to control the fugitive emissions at conveyor and transfer points, product handling, loading and unloading points. |
| PPs Submission: Complied Suitable arrangements have been made to control the dust. | | Date: 25/11/2025 |
| 15 | WATER QUALITY MONITORING AND PRESERVATION | The water consumption shall not exceed as per the standard prescribed for the steel plants. |
| PPs Submission: Complied Our Monthly water consumption is well within the permissible drawl limit. | | Date: 25/11/2025 |
| 16 | WATER QUALITY MONITORING AND PRESERVATION | Efforts shall be further made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be monitored accordingly |
| PPs Submission: Complied The rain water from surrounding catchment areas are isolated by boundary wall on all four side of the plant premises and therefore 12Nos of water recharge pits are available to handle the runoff water from the plant premises for ground water Recharge controlled by local control gradient. | | Date: 25/11/2025 |
| 17 | WATER QUALITY MONITORING AND PRESERVATION | All the effluent shall be treated and used for ash handling, dust suppression, and green belt development. No effluent shall be discharged and Zero Discharge shall be adopted. Sanitary sewage shall be treated in septic tank followed by soak pit |
| PPs Submission: Complied Zero discharge has been adopted, and effluent is being treated by ETP and reused in the plant itself. The canteen and ancillary facilities are connected to an STP whose overflow is used for green belt development. | | Date: 25/11/2025 |
| 18 | WATER QUALITY MONITORING AND PRESERVATION | Regular monitoring of influent and effluent surface, sub surface and ground water shall be ensured and treated waste water shall meet the norms prescribed by the SPCB or described under the E(P) Act whichever are more stringent. |
| PPs Submission: Complied Regular monitoring is carried out as per the CPCB norms and related Water analysis report. We are | | Date: 25/11/2025 |

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| | | sending the water quality report to SPCB on a monthly basis. | |
| 19 | MISCELLANEOUS | Slag produced in ferro manganese production shall maybe used in manufacture of Silico-manganese. The other Ferro alloy slag shall be used in the preparation of building materials. | |
| PPs Submission: Complied Right now, the ferro chrome slag is being stacked within the premises in an identified area and some of the slag is being sold to vendor as alternate building material. | | | Date: 25/11/2025 |
| 20 | Risk Mitigation and Disaster Management | Risk and Disaster Management Plan along with the mitigation measures shall 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 The approved DMP has already been prepared duly submitted to regional office MOEFCC BBSR. | | | Date: 25/11/2025 |
| 21 | GREENBELT | As proposed green belt shall be developed in 33 percent of the plant area. Selection of plant species shall be as per CPCB guidelines in consultation with the DFO. | |
| PPs Submission: Complied As on date approx. 25 percent of the total plant area has been covered under Green belt. In current year till date, we have planted 400 trees inside the plant premises. The plant species have been selected as per CPCB Guidelines. | | | Date: 25/11/2025 |
| 22 | Corporate Environmental Responsibility | All the recommendations made in the Charter on Corporate Responsibility for Environment Protection for the steel plants shall be implemented | |
| PPs Submission: Complied We continue CSR activities in plant periphery area as per EC and Company norms and condition. | | | Date: 25/11/2025 |
| 23 | Corporate Environmental Responsibility | At least 5 percent of the total project cost shall be earmarked towards Enterprise Social Commitment based on local needs. The proponent shall prepare a detailed CSR plan for every next 5 years for the existing -cum-expansion project which includes village wise ,sector wise (Health requirements, sanitation, health skill development and infrastructure requirements such as strengthening of village roads, avenue plantation etc.). The CSR plan will include the amount of 2 percent retain annual profits as provided in Companies Act, 2013 which provides for 2 percent of the average net profits of previous 3 years towards CSR activities for life of the project. | |
| PPs Submission: Complied We continue CSR activities in plant periphery area as per EC and Company norms and conditions. | | | Date: 25/11/2025 |
| 24 | AIR QUALITY MONITORING AND PRESERVATION | Monitoring report on Ambient Air Quality, fugitive dust and noise levels inside the plant shall be submitted along with the 6 monthly compliance reports | |
| PPs Submission: Complied The monitoring reports for the period from April 25 to Sep 25 are attached herewith. | | | Date: 25/11/2025 |
| 25 | MISCELLANEOUS | Environmental Management Cell shall be established immediately and shall be headed by a Senior Officer and the mandate of the Cell | |

| | | shall be defined for effective Management of environment control measures. |
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| <p>PPs Submission: Complied Environment management cell is headed by manager-Environment Health and Safety reporting to plant head and subsequently to MD. Under the manager Environment, there are three nos of supervisors to inspect, verify and report environment related incidents for action plan and mitigative measures to be undertaken at the respective locations.</p> | | Date: 25/11/2025 |
| 26 | MISCELLANEOUS | The project shall develop its own website to upload compliance measure taken to reduce pollution and to ensure implementation of transparency with general public. |
| <p>PPs Submission: Complied All environment related statutory documents are available on company websites.</p> | | 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 Pollution Control Board and the State Government |
| <p>PPs Submission: Complied All the stipulations made by the Odisha Pollution Control Board and the State Government are strictly followed.</p> | | Date: 25/11/2025 |
| 2 | MISCELLANEOUS | No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change(MoEFCC) |
| <p>PPs Submission: Complied Acknowledged and status quo maintained.</p> | | Date: 25/11/2025 |
| 3 | 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, PM2.5, 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 Regional Office at Bhubaneswar and the SPCB once in six months |
| <p>PPs Submission: Complied At present four ambient air quality monitoring stations are installed. Monitoring reports is being regularly submitted to SPCB monthly basis.</p> | | Date: 25/11/2025 |
| 4 | WASTE MANAGEMENT | Industrial waste water 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. |
| <p>PPs Submission: Complied Effluent generated from the industry is being collected and treated in the ETP for reuse in the plant.</p> | | Date: 25/11/2025 |
| 5 | Noise Monitoring & Prevention | The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc on the |

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| | | sources of noise generation. Ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 |
| PPs Submission: Complied It has been strictly adhered. Acoustic enclosures are provided for DG sets. | | Date: 25/11/2025 |
| 6 | Human Health Environment | 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 rain water harvesting structure to harvest the rain water for utilization in the lean season besides recharging the ground water table |
| PPs Submission: Complied 12Nos of water recharge pits are constructed and in operation along the contour slopes for ground water recharge as a measure of rain water harvesting. | | Date: 25/11/2025 |
| 8 | Statutory compliance | 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. |
| PPs Submission: Complied This industry is complied in all respect in the lieu of EP act, Air act and Water act, IF Act , Labour Laws as on date. The CSR spending details are given in point no. 20 of the special condition above. | | Date: 25/11/2025 |
| 9 | Corporate Environmental Responsibility | Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environmental pollution control measures to implement the conditions stipulated by the ministry of Environment, Forest and Climate Change (MoEFCC) as well as the State Government. An implementation schedule for implementing all the stipulated conditions 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 The necessary pollution control equipment has been installed and is under regular maintenance for which funds has been earmarked in the annual budget. | | Date: 25/11/2025 |
| 10 | MISCELLANEOUS | A copy of clearance letter shall be sent by the proponent to the concerned 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 website of the company by the proponent. |
| PPs Submission: Complied Already Complied. | | Date: 25/11/2025 |
| 11 | MISCELLANEOUS | 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 be simultaneously sent to the Regional Office of the MoEFCC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely PM10, SO2, NOX |

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| | | or critical sectorial 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 The necessary information shall be uploaded, after completion of the web site. Electronic display has been made close to the main gate of plant showing the level of PM10, SO2, NOX. | | Date: 25/11/2025 |
| 12 | MISCELLANEOUS | 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 MoEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of the MoEFCC at Bhubaneswar 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 State Pollution Control Board as prescribed under Environmental (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 MoEFCC at Bhubaneswar by e-mail |
| PPs Submission: Complied The last Environmental statement was submitted to SPCB and RO of MoEFCC as per EC condition and 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 the website of the Ministry of Environment, Forests and Climate Change at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of clearance letter at least in two local newspaper that are widely circulated in the region of which one shall be in vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office at Bhubaneswar. |
| PPs Submission: Complied Within six months of obtaining EC due advertisements were published with intimation to all statutory and regulatory authorities for necessary information and record keeping. | | Date: 25/11/2025 |
| 15 | MISCELLANEOUS | 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 The expansion project has been dropped and accordingly the amended EC obtained from MoEFCC vide letter no. J-11011/43/2011-IA.II(I) dt:17.07.2019. | | Date: 25/11/2025 |
| Visit Remarks | | |

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| Last Site Visit Report Date: | N/A |
| Additional Remarks: | |

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.

