



TSL/MoEF&CC/BS-29/2023-01/345

May 31, 2023

**The Deputy Director General of Forests (C)**

Ministry of Environment, Forest and Climate Change,  
Integrated Regional Office,  
A/3, Chandrasekharpur,  
**Bhubaneswar-751023**

**Subject:** Submission of six-monthly EC compliance reports for 7.0 MTPA Pellet Plant at Tata Steel Limited, Meramandali for the period October 2022 to March 2023.

**Reference:** EC vide file no. J-11011/18/2013-IA II (I), dated 09.03.2016 and its amendment dated 17.09.2019 and 24.03.2023.

Dear Sir,

This has reference to the captioned subject and cited references. It is to inform that we are herewith submitting six monthly compliance reports for the conditions stipulated in the Environment Clearance for 7.0 MTPA Pellet Plant at Tata Steel Limited, Meramandali for the period from October 2022 to March 2023 for your kind consideration.

The copy of above compliance report is also being sent in soft format through email ([roez.bsr-mef@nic.in](mailto:roez.bsr-mef@nic.in)) for your kind perusal. Also copy of EC compliance is being uploaded in MoEF&CC portal <http://environmentalclearance.nic.in>.

Hope the above are in line with the statutory requirements.

Thanking you,

Yours faithfully,  
**For Tata Steel Limited**

**Anoop Srivastava**  
**Chief Environment -TSM**

**Encl:** As above

**Copy to:**

1. The Zonal Officer, Central Pollution Control Board, Southern Conclave Block 502, 5th & 6th Floors, 1582 Rajdanga Main Road, Kolkata - 700107.
2. The Member Secretary, SPCB, Parivesh Bhawan, A/118, Nilakahanta Nagar, Unit- VIII, Odisha, Bhubaneswar-751012.
3. The Regional Officer, State Pollution Control Board, Odisha, Angul.

**TATA STEEL LIMITED**

Narendrapur Kusupanga Meramandali Dhenkanal 759 121 Odisha India Tel 91 6762 352000  
Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India Tel 91 22 66658282 Fax 91 22 66657724  
Corporate Identity Number L27100MH1907PLC000260 Website [www.tatasteel.com](http://www.tatasteel.com)

**SPECIFIC CONDITIONS:**

SL	CONDITIONS	COMPLIANCE STATUS
i	The Project proponent shall install 24x7 air monitoring devices to monitor air emissions, as provided by the CPCB and submit report to Ministry and its regional Office.	Post grant of EC erstwhile Bhushan Steel Ltd. is in bankruptcy. After taken over by Tata Steel Ltd., the installation process was reinitiated. Project is in basic engineering stage. We are discussing with the technology supplier for finalizing the technical specification. The project implementation has been delayed due to COVID-19. However, conditions/ measures stipulated in the environment clearance will be fully complied as and when project starts.
ii	Continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electro Static Precipitator (ESP), bag house, bag filters etc, shall be provided to keep the emission levels below 50 mg / Nm <sup>3</sup> and installing energy efficient technology.	
iii	The National Ambient Air Quality Emission Standards issued by the ministry vide G.S.R. no.826 (E) dated 16 <sup>th</sup> November 2009 shall be followed.	
iv	Gaseous emission levels including secondary fugitive emission from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide GSR 414 (E) dated 30 <sup>th</sup> May 2008 and regularly monitored. Guidelines / Code of Practices issued by the CPCB shall be followed.	
v	Vehicular pollution due to transportation of raw material and finished product shall be controlled. Proper arrangement shall also be made to control dust emissions during loading and unloading of the raw material and finished product.	
vi	"Zero" effluent discharge shall be strictly followed and no waste water shall be discharged outside the premises.	
vii	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 State Pollution Control Board or described under the E (P) Act whichever are more stringent.	

viii	Proper handling storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material, its composition and use of solid/hazardous waste shall be submitted to the Ministry's Regional Office, SPCB and CPCB.	Post grant of EC erstwhile Bhushan Steel Ltd. is in bankruptcy. After taken over by Tata Steel Ltd., the installation process was reinitiated. Project is in basic engineering stage. We are discussing with the technology supplier for finalizing the technical specification. The project implementation has been delayed due to COVID-19. However, conditions/ measures stipulated in the environment clearance will be fully complied as and when project starts.
ix	A time bound action plan shall be submitted to reduce solid waste generated due to the project related activities, its proper utilization and disposal.	
x	A Risk and Disaster Management Plan shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.	
xi	Green belt shall be developed in at least 33% of the project area by planting native and broad leaved species in consultation with local DFO and local communities as per the CPCB guidelines.	
xii	At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues, locals need and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured by constituting a committee comprising of the proponent, representatives of village panchayat and District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office	
xiii	The proponent shall prepare a detailed CSR Plan for every year for the next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and Infrastructure requirements such as strengthening of village roads, avenue plantation, etc.) activities in consultation with the local communities and administration. The CSR plan will include the amount of 2 % retain annual profits as provided for in Clause 135 of the Companies Act 2013 which provides for 2 % of the average net profits of previous 3 years towards CSR activities for	

	life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plant shall be submitted as part of the Compliance Report to RO. The details of the CSR plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.	
xiv	The company shall submit within 3 months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/procedure to bring 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 the environment clearance conditions and (iii) System of reporting of non-compliance/violation environmental norms to the Board of Directors of the company and/or stockholders or shareholders.	
xv	The project proponent shall provide for solar light system for all common areas, street lights, villages parking around project area and maintain the same regularly.	
xvi	The project proponent shall provide LED lights in their offices and residential areas.	<ul style="list-style-type: none"> <li>• Noted. LEDs lights are being installed at residential township and offices and will also be provided at the offices of the project.</li> </ul>
xvii	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	<ul style="list-style-type: none"> <li>• All necessary infrastructure and housing facilities will be provided for workers during the construction phase.</li> </ul>

**GENERAL CONDITIONS:**

<b>S.N</b>	<b>CONDITION</b>	<b>COMPLIANCE</b>
i	The project authorities must strictly adhere to the stipulations made by the Odisha Pollution Control Board and the State Government.	Post grant of EC erstwhile Bhushan Steel Ltd. is in bankruptcy. After taken over by Tata Steel Ltd., the installation process was reinitiated. Project is in basic engineering stage. We are discussing with the technology supplier for finalizing the technical specification. The project implementation has been delayed due to COVID-19. However, conditions/ measures stipulated in the environment clearance will be fully complied as and when project starts.
ii	No further expansion of modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	
iii	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to the Ministry including its Regional Office at Bhubaneswar and the SPCB / CPCB once in six months.	
iv	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May 1993 and 31 <sup>st</sup> December 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	
v	The overall noise level in and around the plant area shall be kept well within the standards (85 dB A) 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 i.e., 75 dB A (day time) and 70 dB A (night time).	
vi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	
vii	The company shall develop rainwater harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	

viii	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 programme, educational programme, drinking water supply and health care etc.	<ul style="list-style-type: none"> <li>Noted, Environmental Safeguards as stipulated in the clearance document will be implemented during the construction and same will be implemented during operation phase.</li> </ul>
ix	Requisite funds 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, Forest and Climate Change (MoEF&CC) 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.	
x	A copy of clearance letter shall be sent by the Proponent to 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 web site of the Company by the proponent.	<ul style="list-style-type: none"> <li>A copy of clearance letter has been sent to the concerned gram Panchayat, Zila Parishad / District Industry Centre on dated 17<sup>th</sup> March, 2016.</li> </ul>
xi	The project proponent shall upload the status of compliance of the stipulated environment 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 MoEF&CC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM <sub>10</sub> , SO <sub>2</sub> NO <sub>x</sub> (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.	<ul style="list-style-type: none"> <li>Compliance to conditions is uploaded in the website at <a href="http://www.tatasteel.com">http://www.tatasteel.com</a></li> </ul>

xii	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&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar / CPCB / SPCB shall monitor the stipulated conditions.	<ul style="list-style-type: none"> <li>• Six monthly report is being submitted regularly. Last report submitted vide letter no. TSL/MoEF&amp;CC/BS-01/2022-22/268 dated 31.11.2022.</li> </ul>
xiii	The environment statement for each financial year ending 31 <sup>st</sup> 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 conditions and shall also be sent to the respective Regional Office of the MoEF&CC at Bhubaneswar by e-mail.	<ul style="list-style-type: none"> <li>• The environment statement for each financial year ending 31st March is being submitted regularly in Form-V. Last environment statement was submitted vide letter no. TSL/SPCB/BS-03/2022-14/249, dated. 29.09.2022.</li> </ul>
xiv	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, Forests and climate change (MoEF&CC) at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within 7 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.	<ul style="list-style-type: none"> <li>• Notification has been published in two local news papers namely The Indian Express dated 19.03.2016 and The Sambad dated 19.03.2016. The same has been communicated to MoEF&amp;CC vide our letter no. BSL/MoEF&amp;CC/BS-29/2016-08, dated 25.03.2017.</li> </ul>
xv	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 data of commencing the land development work.	<ul style="list-style-type: none"> <li>• Project construction activities have not yet started. However, we shall inform the Regional Office as well as the Ministry about the financial closure, when it is completed.</li> </ul>