

TSML/FAPG/2107/FY22

Date: 29/11/2021

To

The Chief Conservator of Forests (Central)
Eastern Regional Office
Ministry of Environment & Forests
Government of India
A/3, Chandrashekharpur,
Bhubaneswar - 751023, Odisha.

Sub: Half Yearly Compliance Report (April 2021 to September 2021) for CRZ Clearance for sea water intake and brine discharge from 1.2 MGD desalination plant for 4,00,000 TPA Rebar Mill 55,000 TPA Ferro Chrome Plant at Gopalpur, Ganjam District, Odisha by M/s Tata Steel Limited.

Dear Sir,

We are enclosing the Half-Yearly Compliance Report (April 2021 to September 2021) of CRZ Clearance Vide letter No. 11-63/2012-IA.III dated 18.3.2013 from MoEF for sea water intake and brine discharge from 1.2 MGD desalination plant for 4,00,000 TPA Rebar Mill 55,000 TPA Ferro Chrome Plant at Gopalpur, Ganjam District, Odisha by M/s Tata Steel Limited respectively for your kind consideration. The copy of the compliance report is being sent in the soft format to e-mail id for your kind perusal.

We wish to mention that all the necessary actions are being taken in compliance to the specific and general conditions of Environmental Clearance granted to the project.

We trust that the information furnished is in line with your requirement.

Thanking You,
Yours faithfully,
For TATA STEEL Ltd.,



B Srinivas.
Factory Manager
Ferro Chrome Plant, Gopalpur
Tata Steel Limited

Encl. a/a

Copy to:

1. Member Secretary, State Pollution Control Board, Odisha, Bhubaneswar.
2. Regional Officer, State Pollution Control Board, Berhampur.



HALF YEARLY COMPLIANCE REPORT

Of

CRZ Clearance

(Period from APRIL 2021 TO SEPTEMBER 2021)

For

55,000 TPA High Carbon Ferro-Chrome Plant,

Of

M/s Tata Steel Limited

At- Gopalpur, Tehsil- Chhatrapur, District- Ganjam, Odisha

Half-Yearly Compliance Report (April 2021 to September 2021) of CRZ Clearance Vide letter No. 11-63/2012-IA.III dated 18.3.2013 from MoEF for sea water intake and brine discharge from 1.2 MGD desalination plant for 4,00,000 TPA Rebar Mill 55,000 TPA Ferro Chrome Plant at Gopalpur, Ganjam District, Odisha by M/s Tata Steel Limited.

Sl. No.	Specific Conditions	Compliance/Status
1	Though the sumps and pump house are located beyond CRZ area, in view of its proximity to Sea, necessary prior permission shall be obtained for construction of sump from the competent authority as applicable. Copy of the clearance shall be submitted to the Regional Office, MoEF prior to the commencement of the work.	Noted
2	Screens and trash bars shall be provided to avoid entry of fishes and fish larvae in to the system	Coarse Bar Screens & Fine Screens have been provisioned to avoid the entry of fishes in to the intake pipelines & system.
3	The outfall shall be at 1 km from shore at 12 m CD.	Outfall has been identified at more than 1 Km from shore line at 12 m CD.
4	All the recommendations of the CZMA shall be followed.	CZMA recommendations will be complied and followed from time to time.
5	There shall be no disturbance to the sand dunes.	No disturbance to the Sand dunes is envisaged in the due course of activity.
6	All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF along with half yearly compliance report to MoEF-Regional Office.	Mitigation measures along with its compliance as identified in the EIA report has been prepared in the matrix table and is attached in Annexure I .
7	Periodic monitoring of coastal water shall be carried out at outfall location.	There will be Water Quality Monitoring at outfall location periodically by third party registered and accredited laboratories during the operational phase.
8	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	No Construction other than the permitted work will be carried out in CRZ area.
9	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	An environment management team under the guidance of Factory Manager will take care of the implementation of the stipulated environmental safeguards.
10	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Funds earmarked for environment expenditure shall not be diverted for any other purpose.

Half-Yearly Compliance Report (April 2021 to September 2021) of CRZ Clearance Videletter No. 11-63/2012-IA.III dated 18.3.2013 from MoEF for sea water intake and brine discharge from 1.2 MGD desalination plant for 4,00,000 TPA Rebar Mill 55,000 TPA Ferro Chrome Plant at Gopalpur, Ganjam District, Odisha by M/s Tata Steel Limited.

Sl. No.	General Conditions	Compliance/Status
1	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality	Preventive measures will be taken while carrying out digging activities so that the water quality is not degraded.
2	Full support shall be extended to the officers of this Ministry/Regional Office at Bhubaneswar by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Full support and coordination will be extended to the Officers of MoEF & CC, Regional Office during inspection of the project. Action plan incorporating mitigation measures will be furnished during inspection.
3	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bhubaneswar regarding the implementation of the stipulated conditions.	Last six-monthly compliance reports were submitted to MoEF & CC Regional Office at Bhubaneswar in May 2021.
4	Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	Additional conditions as stipulated by competent authority in the interest of environment shall be complied with.
5	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Compliance to all stipulated conditions is ensured.
6	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.	In case of change in project profile or implementation agency, a fresh application shall be made to MoEF & CC.
7	The project proponents 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 start of land development work.	<ul style="list-style-type: none"> • The funding to this project is through internal accruals as approved by Tata Steel Board in August 2010. • The project received final approval from MoEF & CC in August 2012 & CRZ clearance in March 2013. • Construction activity in the CRZ area is yet to start which shall be intimated to the ministry prior to its start.

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8	Odisha Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tahsildar's office for 30 days.	Complied.
9	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	All the stipulations under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 2006, including the amendments and rules made thereafter will be ensured from time to time.
10	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	All other statutory clearances will be obtained from the respective competent authorities before construction/operation as applicable.
11	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhubaneswar.	<ul style="list-style-type: none"> • Grant of CRZ clearance has been advertised on 23.03.2013 in two local newspapers namely <ul style="list-style-type: none"> ➤ SAMBAD in Odia language (page no. 13) and ➤ The New Indian Express in English language (page no. 3) <p>Advertisement details have been submitted to the MoEF Eastern Regional Office at Bhubaneswar vide letter no. PG-Env/C-01/01/13 dated 01.04.13 & to the MS, OSPCB Bhubaneswar vide letter no. PG-Env/C-01/02/13 dated 02.04.13 and also with the first six monthly CRZ compliance report submitted to the ministry on 29th Nov 2013.</p>
12	This 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.	As applicable.

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13	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Not applicable.
14	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website	<ul style="list-style-type: none"> Last six-monthly compliance reports have been uploaded to the company's website www.tatasteel.com.
15	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla 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.	<ul style="list-style-type: none"> Copy of the clearance letter has been submitted on 25.11.2013 to the concerned Panchayat, Zilla Parishad, Municipal Corporation etc. Moreover, CRZ clearance letter has been uploaded on the Tata Steel website, www.tatasteel.com.
16	The proponent shall upload the status of compliance of the stipulated 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 MoEF, the respective Zonal Office of CPCB and the SPCB	<ul style="list-style-type: none"> Last six-monthly compliance reports have been sent to the regional office of MoEF Bhubaneswar and SPCB Bhubaneswar and have also been uploaded to the company's website www.tatasteel.com.
17	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Last Six-monthly compliance reports including the results of monitored data was submitted in May 2021 to the Regional Office of MoEF and OSPCB in hard copy as well as soft copy through e-mail.
18	The environmental statement for each financial year ending 31 st 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 Clearance conditions and' shall also be sent to the respective Regional Office of MoEF by e-mail.	The environmental statement has been submitted every year and the same has been uploaded on company's website www.tatasteel.com .

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Annexure- I					
Sl. No.	Activity	Impact	Duration of impact	Mitigation	Compliance
1	Trenching for intake and outfall pipelines	Trenching will disturb the sea bed resulting in loss of sea-grass beds and associated benthic communities.	Temporary	Use of good engineering tools for trenching and installation of the pipes.	The construction activities in CRZ area is yet to start. However, all the mitigation measures as proposed in EIA report will be ensured before start of the construction activity.
		Increased turbidity affecting the photosynthetic process of the water column.	Temporary	Controlled method of dredging with latest technology.	
		Suspended particles will affect the filter feeders and adult fish will migrate from the site of impact.	Temporary	To minimize the spread of suspended particles, silt screens may be deployed.	
		Boat movements and fishing activity will be restricted.	Temporary	Complete the operation within shortest duration.	
2	Laying of submarine pipelines	Boat movements and fishing activity will be restricted	Temporary	Laying operation may be done in shortest duration.	
				Barricading the water has to be avoided.	
				Install proper marker lights indicating if any obstructions.	
3	Seawater intake head	Entrapment of fishes and other organisms	Continuous	Installation of proper screens and trash bars to avoid entry of fishes and fish larvae.	
		Entrainment of smaller organisms such as fish larvae.			
4	Brine outfall	Increased salinity	Continuous	Faster dilution of moderately high salinity levels to ambient levels	
5	Coastal installation	-	-	All installations as per CRZ regulations	