



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

TSL/PG/ENV/136/2015  
October 26, 2015.

Dear Sir,

**Sub: Half Yearly Compliance Report (April '15 to Sept'15) for CRZ Clearance to M/s Tata Steel Ltd. 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, District Ganjam, Odisha.**

We are enclosing the Half Yearly Compliance Report for period April 2015 to Sept'2015 for the conditions stipulated in CRZ Clearance to the above referred project vide MoEF's letter No. 11-63/2012-IA.III dated 18<sup>th</sup> March 2013, for your kind consideration. The copy of the compliance report is also being sent in the soft format to e-mail id ([mef@nic.in](mailto:mef@nic.in)) 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 CRZ Clearance granted to the project.

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

Thanking You,

Yours faithfully,

For TATA Steel Limited,

Pervez Akhtar  
Chief Gopalpur Project

Encl. a/a

Copy to:

1. Member Secretary, Odisha State Pollution Control Board, Bhubaneswar.
2. Member Secretary, Central Pollution Control Board, Kolkata;
3. Regional Officer, State Pollution Control Board, Berhampur.





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**TATA STEEL LIMITED**

Project Gopalpur Gajapati Nagar Main Lane Berhampur 760010 Dist. Ganjam Odisha India  
Tel: +91 660 2200012 2200046



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Half-Yearly Compliance Report (April '15 to Sept '15) 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 400000 TPA Rebar Mill 55000 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.	<ul style="list-style-type: none"> <li>At Present, construction activities of the sumps and pump house are yet to be started and necessary permission shall be obtained from the competent authority prior to start of the construction activity.</li> </ul>
2	Screens and trash bars shall be provided to avoid entry of fishes and fish larvae in to the system	<ul style="list-style-type: none"> <li>Provision shall be made in the screens and trash bars for avoiding entry of fishes &amp; larvae into the system.</li> </ul>
3	The outfall shall be at 1 km from shore at 12 m CD.	<ul style="list-style-type: none"> <li>The outfall at 1km from shore at 12 m CD will be ensured.</li> </ul>
4	All the recommendations of the CZMA shall be followed.	<ul style="list-style-type: none"> <li>It will be complied.</li> </ul>
5	There shall be no disturbance to the sand dunes.	<ul style="list-style-type: none"> <li>No disturbance to the sand dunes will be ensured.</li> </ul>
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-RO.	<ul style="list-style-type: none"> <li>All the mitigation measures as mentioned in the EIA report have been taken into consideration and the compliance in the matrix format is attached as <b>Annexure I</b>.</li> </ul>
7	Periodic monitoring of coastal water shall be carried out at outfall location.	<ul style="list-style-type: none"> <li>Periodic monitoring of coastal water shall be carried out at outfall location during the operational phase.</li> </ul>
8	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	<ul style="list-style-type: none"> <li>No construction work other than those permitted in CRZ Notification will be carried out in CRZ area.</li> </ul>

Half-Yearly Compliance Report (April '15 to Sept '15) 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 400000 TPA Rebar Mill 55000 TPA Ferro Chrome Plant at Gopalpur Ganjam District, Odisha by M/s Tata Steel Limited.

Sl. No.	Specific Conditions	Compliance/Status
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.	<ul style="list-style-type: none"> <li>An Environment Management Team under the supervision of Chief – Gopalpur Project is in place for implementation of the stipulated environmental safe-guards.</li> </ul>
10	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	<ul style="list-style-type: none"> <li>Funds have been earmarked for environment management plan and shall not be diverted for any other purposes.</li> </ul>



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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 for avoiding any degradation of water quality during the construction activities such as digging etc.
2	Full support shall be extended to the officers of this Ministry/Regional Office at Bhubaneswar by the projectproponent during inspection of the project for monitoring purposes by furnishing full details and action plan includingaction taken reports in respect of mitigation measures and otherenvironmental protection activities.	Full support and coordination will be extended to the Officers of the Statutory body during inspection of the project.
3	A six-Monthly monitoring report shall need to be submitted bythe project proponents to the Regional Office of this Ministry atBhubaneswar regarding the implementation of the stipulatedconditions.	Six monthly compliance report is being submitted periodically to the regional office at Bhubaneswar regarding the implementation/compliance of the stipulated conditions.
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.	All conditions in the interest of environment as stipulated by competent authority will be complied.
5	The Ministry reserves the right to revoke this clearance if any ofthe conditions stipulated are not complied with the satisfaction of the Ministry.	Compliance to all the stipulated conditions will be ensured to the satisfaction of the Ministry.
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.	It will be complied.
7	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approvalof the project by the concerned authorities and the date of startof land development work.	<ul style="list-style-type: none"> <li>• The funding to this project is through internal accruals.</li> <li>• The project received final approval from the Board of Tata Steel in August 2010.</li> <li>• Development work in the CRZ area shall be intimated to the ministry before its commencement.</li> </ul>

Half-Yearly Compliance Report (April '15 to Sept '15) 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 400000 TPA Rebar Mill 55000 TPA Ferro Chrome Plant at Gopalpur Ganjam District, Odisha by M/s Tata Steel Limited.

Sl. No.	General Conditions	Compliance/Status
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.	Not applicable to the project proponent
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 necessary & statutory clearances will be obtained from the respective competent authorities.
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 <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . 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"> <li>• Grant of CRZ Letter has been advertised on 23.03.2013 in two local newspapers namely               <ul style="list-style-type: none"> <li>➤ SAMBAD in Odia language (page no. 13) and</li> <li>➤ The New Indian Express in English language (page no. 3)</li> </ul> </li> </ul> <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 &amp; 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 29<sup>th</sup> Nov 2013.</p>



Half-Yearly Compliance Report (April '15 to Sept '15) 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 400000 TPA Rebar Mill 55000 TPA Ferro Chrome Plant at Gopalpur Ganjam District, Odisha by M/s Tata Steel Limited.

Sl. No.	General Conditions	Compliance/Status
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.
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"> <li>Last six monthly compliance report has been uploaded to the company's website <a href="http://www.tatasteel.com">www.tatasteel.com</a>.</li> </ul>
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"> <li>Copy of the clearance letter has been submitted on 25.11.2013 to the concerned Panchayat, Zilla Parishad, Municipal Corporation etc.</li> <li>Moreover, CRZ clearance letter has been uploaded on the Tata Steel website, <a href="http://www.tatasteel.com">www.tatasteel.com</a>.</li> </ul>
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"> <li>M/s Vimta Lab, Hyderabad has been engaged for regular monitoring of ambient air quality, noise level, Surface water and ground water periodically as per the guidelines and the report is enclosed as <b>Annexure II</b>.</li> <li>Last six monthly compliance reports has been sent to the regional office of MoEF Bhubaneswar, zonal office CPCB at Kolkata and SPCB Bhubaneswar and has also been uploaded to the company's website <a href="http://www.tatasteel.com">www.tatasteel.com</a>.</li> </ul>
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.	Six monthly compliance report including the results of monitored data is being submitted to the Regional Office of MoEF, CPCB Kolkata and OSPCB in hard copy as well as soft copy through e-mail.



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18	The environmental 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 Clearance conditions and' shall also be sent to the respective Regional Office of MoEF by e-mail.	The environmental statement for financial year 2014-15 was submitted on 26.09.2015 and the same has been uploaded on company's website <a href="http://www.tatasteel.com">www.tatasteel.com</a> .

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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 seagrass beds and associated benthic communities.	Temporary	Use of good engineering tools for trenching and installation of the pipes.	
		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.	
		Entrapment 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	