

**Half-Yearly Compliance Report (Oct'13 to Mar'14) 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 400000TPA Rebar Mill55000 TPA Ferro Chrome Plant at GopalpurGanjam District,Odisha by M/s Tata SteelLtd.**

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>• Presently activities are yet to be started, and however necessary prior permission will be taken for construction of sump from the competent authority and the copy of clearance will be submitted to the Regional office, MoEF before the commencement of the work.</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>• Screens and trash bars will be taken care so as to avoid the entry of fishes and fish 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>• We will follow all the recommendations of CZMA.</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 mitigation measures are proposed in our design and shall be taken care of while commencement of the work. Mitigation measures along with 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>• Presently, the activities are yet to be started. The periodic monitoring of coastal water at outfall location is proposed &amp; shall be taken care.</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>

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<b>Sl. No.</b>	<b>Specific Conditions</b>	<b>Compliance/Status</b>
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>• A separate environmental management cell is in place with the people having relevant qualification and experience in environmental science&amp; engineering, which directly reports to the Chief of Gopalpur project &amp; SEZ.</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>• Budget earmarked towards capital cost and recurring cost/annum for environmental protection measures will not be diverted.</li> </ul>

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<b>Sl. No.</b>	<b>General Conditions</b>	<b>Compliance/Status</b>
1	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality	Presently, activities are yet to be started and we will ensure appropriate measures while undertaking the digging activities so as to avoid any likely degradation of water quality.
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 will be extended during any inspection of the project.
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.	Six monthly compliance report is submitted periodically to the regional office at Bhubaneswar regarding the implementation/compliance of the stipulated conditions. This is the second six monthly CRZ compliance report.
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 will be complied.
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 the stipulated conditions will be 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 the event of a change in project profile or implementation agency, a fresh reference will be made from our side to the MoEF.
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"> <li>• Project funding for this project is planned to be funded through internal accruals.</li> <li>• The project received final approval from the Board of Tata Steel in Aug' 2010.</li> <li>• Development work in the CRZ area shall be intimated to the ministry before its commencement.</li> </ul>

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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/Tehsildar'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 1994, including the amendments and rules made thereafter will be ensured.
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 taken 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 Oriya 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>

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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.	We will go by the final order of the Hon'ble Supreme Court of India.
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 reports has been uploaded to the company's website <a href="http://www.tatasteel.com">www.tatasteel.com</a> and this compliance report is also being updated periodically.</li> </ul>
15	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParisad/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 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 on 29.11.2013 and has also been uploaded to the company's website <a href="http://www.tatasteel.com">www.tatasteel.com</a> and this compliance report is also being sent &amp; shall be uploaded.</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.	First six monthly compliance report has been submitted to the Regional Office of MoEF, CPCB Kolkata and OSPCCB in hard copy on 29.12.2013 as well as soft copy and this compliance report is also being herewith submitted including monitoring data and shall be sent through e-mail.

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18	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-Vas 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 2012-13 was submitted on 28.09.2013 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**

SI 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.	Presently, activities are yet to be started. All the mitigation measures are proposed and will be well ensured
		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	

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