



# **HALF YEARLY COMPLIANCE REPORT**

for the period from  
**October 2017 to March 2018**

**Environment Clearance of 7.0 MTPA Pellet Plant**

**Letter no.: J-11011/18/2013-IA-II (I) dated 09.03.2016**



## **BHUSHAN STEEL LIMITED**

Narendrapur, Kusupanga, Meramandali, Dhenkanal, Odisha



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Environment clearance of 7 MTPA Pellet plant  
vide letter no. J-11011/18/2013-IA-II (I) dated 09.03.2016

SL	STIPULATED 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.	<ul style="list-style-type: none"><li>• Project construction activities have not yet started.</li><li>• However, conditions / measures stipulated in the environment clearance shall be fully complied as and when applicable.</li></ul>
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.	



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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.	<ul style="list-style-type: none"> <li>• Project construction activities have not yet started.</li> <li>• However, conditions / measures stipulated in the environment clearance shall be fully complied as and when applicable.</li> </ul>
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.	
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	

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xiii	<p>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.</p>	<ul style="list-style-type: none"> <li>• Project construction activities have not yet started.</li> <li>• However, conditions / measures stipulated in the environment clearance shall be fully complied as and when applicable</li> </ul>
xiv	<p>The company shall submit within 3 months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/procedure to being 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.</p>	
xv	<p>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.</p>	

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xvi	The project proponent shall provide LED lights in their offices and residential areas.	
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.	
<b>GENERAL CONDITIONS:</b>		
i	The project authorities must strictly adhere to the stipulations made by the Odisha Pollution Control Board and the State Government.	<ul style="list-style-type: none"> <li>• Project construction activities have not yet started.</li> <li>• However, conditions / measures stipulated in the environment clearance shall be fully complied as and when applicable.</li> </ul>
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	
		<ul style="list-style-type: none"> <li>• Project construction activities have not yet started.</li> <li>• However, conditions / measures stipulated in the environment clearance shall be fully complied as and when applicable.</li> </ul>

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	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.	
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.</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	<ul style="list-style-type: none"> <li>• Shall be complied.</li> </ul>



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	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.	
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.	Six monthly report is being submitted herewith.
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.	The environment statement for each financial year ending 31 <sup>st</sup> March in Form-V will be submitted.
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	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 vide our letter no. BSL/MoEF&CC/BS-29/2016-08 dated 25.03.2017.



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	language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar.	
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>• Shall be informed</li></ul>