

Rail Wheel Plant/Bela
(Ministry of Railways)
Govt. of India



Office of the
Chief Administrative Officer,
Administrative Building,
Village- Bela, Block- Dariapur,
District- Saran (Chhapra), Bihar-841221

Date 09.05.2018

Following are the compliances to the conditions of Environmental Clearance granted by Ministry of Environment & Forest (MoEF/GOI) Govt. of India.(F.No J-11011/527/2010-IA-II (I))

Sl. no	SPECIFIC CONDITIONS	COMMENTS
PART A - SPECIFIC CONDITIONS		
i	The company shall install fume extraction system, wet scrubber and bag filters etc. to control the particulate emissions below 50 mg/Nm ³ .	RWP/Bela has installed Fume Extraction System (FES) with Bag House filter to control the particulate emission below 50 mg/Nm ³ . Service of CPCB approved agency has been outsourced for monitoring of Stack. The monthly analysis report, six monthly analysis report & yearly report is being uploaded at Rail Wheel Plant, Bela website www.rwp.indianrailways.gov.in .
ii	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 should be followed.	Service of CPCB approved agency is being taken for monitoring of Ambient Air quality. The monthly analysis report, six monthly analysis report & yearly report is being uploaded at Rail Wheel Plant, Bela website www.rwp.indianrailways.gov.in .
iii	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines / Code of Practice issued by the CPCB should be followed.	RWP/Bela has installed fume extraction system, dust extraction system, dust suppression system and bag filters to control the gaseous as well as fugitive emissions from all the sources within the permissible limits issued by MoEF. Service of CPCB approved agency is being taken for monitoring of Stack Emissions. Monthly report is being uploaded on website and half yearly report is being dispatched to BSPCB and regional office Ranchi.

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iv	The Company shall explore the feasibility of using producer gas as fuel in place of LPG.	RWP/Bela is a secondary steel manufacturing unit, where no by-product is generated. Setting of producer gas plant requires more than 10 Acres additional space, which will reflect the project cost more due to additional land, plant and machinery requirements. Therefore setting-up of Producer gas plant is not viable solution. The use of LPG is most techno-economically & environment friendly option.
v	The total water requirement shall not exceed 250m ³ /day. Permission to draw ground water shall be obtained from the Competent Authority as may be applicable in this case. No effluent shall be discharged and 'zero' discharge shall be adopted.	Permission to draw Ground Water for 230M ³ /day has been obtained from CGWA. No effluent is being discharged and Zero discharge have adopted.
vi.	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	The capacity of all four ponds is 541494 cum. The surrounding area of the plant gets submerged every year in the monsoon. Therefore ground water level in this area is high. Despite this rain water harvesting has been provided four nos. of ponds. Rain water is being collected in these ponds through underground storm water line and main hole with opening provided all over the main plant area. Size and depth of ponds is enough to accumulate the storm water and recharge the ground water
vii.	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Bhubaneswar, BSPCB and CPCB within 3 months of issue of environment clearance letter.	Risk and Disaster Management Plan along with the mitigation measures has been submitted to the Ministry's Regional Office at Bhubaneswar vide letter No. MoEF/EC/10 dated 31.12.2012
viii.	As proposed, green belt shall be developed in 33 % of the plant area with a minimum 15-20 m width all around. Plant layout shall be revised accordingly. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Greenery is developing in the newly set up Plant for improving the air quality. About 5000 new samplings have been planted. Selection of plant species has been done as per the CPCB guidelines in consultation with the DFO.

ix	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 30th June, 2011 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.	No commitments have been made during Public hearing which has been conducted by BSPCB. RWP/Bela Plant is a Central Govt. Organization under Ministry of Railways. There is no such type of separate budget allocated.
x	At least 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 should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program should be ensured accordingly in a time bound manner.	The total one time and first three years of recurring expenses was about 88 Crores (app) details of which are as follows:- 1.Road from Naya Gaon to Plant site (6.5 km) -15 Crores (Already made) 2.Health Unit- 1.6 Crores (Already made & functional) 3.Kendriya Vidyalaya- 4.0 Crores (Already made & functional) 4.Shopping Complex- 1.8 Crores (Made & functional) 5. Plantation of 91.54 Acres Land - 2.0 Crores (Being done) 6. Fire Fighting equipment - 30.0 lakhs (Within 6 months) 7. Indirect employment for the outsourcing of non-core activities for local people- 9.3 Crores (Continuous process).
xi	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, 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.	Complied during Project work.
xii	The Company shall submit within three months their policy towards Corporate Environment Responsibility which should 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 environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.	Submitted vide letter No. MoEF/EC/10 dated 25.03.2013 to the director, MoEF, Regional office, Bhubaneswar.

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