

Proceedings of the Public Hearing of M/s. Bhushan Power and Steel Ltd for expansion of crude steel production capacity from 3.0 MTPA to 5.5 MTPA along with CPP capacity from 560 MW to 710 MW at existing plant at Thekolo, P.O: Lapanga, Dist: Sambalpur held at Playground of Lapanga High School, Tahasil: Rengali, Dist: Sambalpur on dt. 17.2.2016,11.00 A.M.

The public hearing of M/s. Bhushan Power and Steel Ltd for expansion of crude steel production capacity from 3.0 MTPA to 5.5 MTPA along with CPP capacity from 560 MW to 710 MW at existing plant at Thekolo, P.O: Lapanga, Dist: Sambalpur was held at Playground of Lapanga High School, Tahasil: Rengali, Dist: Sambalpur on dt. 17.2.2016, 11.00 A.M. Shri Manish Agrawal, IAS, Additional District Magistrate, Sambalpur presided over the meeting along with Shri Hemendra Nath Nayak, Regional Officer, State Pollution Control Board, Odisha, Sambalpur. He welcomed the public who were present at the venue for participating in the meeting. The attendance sheet of the members present in the public hearing and the public attended the meeting are annexed as **Annexure I and II** respectively. Around 450 persons had attended the public hearing meeting where as only 229 persons had intended to deliver their views whose list is annexed as **Annexure-III** and 120 persons took part in the deliberations. Around 157 representations were received in writing wherein many people have submitted their views in writing after speaking it out to public and a number of people have submitted in writing only. Further many people have submitted their views in a common representations (all of which are attached in Annexure-VII and in 188 no. of pages. The statement of the public participated in the deliberation is annexed as **Annexure-IV**. The video recording of the entire proceeding of the public hearing was done and the CD is enclosed herewith along with the proceeding of the meeting .The video recording of the entire proceeding of the public hearing will be forwarded to the Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi as such along with the written statements of the public & proceeding of the meeting.

The venue, date and timing of the Public hearing meeting of the said M/s. Bhushan Power and Steel Ltd for expansion was extensively propagated in all affected and nearby villages. The executive summary of the project both in Oriya & English were displayed in public at the meeting venue and also distributed among the persons during the meeting.

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At the outset Shri H. N. Nayak, Regional Officer of State Pollution Control Board, Sambalpur welcomed all the public present in the meeting. He briefly described the objective of conducting the public hearing as per the EIA Notification No.S.O. 1533(E) of Dt.14th September 2006 of the Ministry of Environment and Forests (MOEF), Govt. of India ,importance of the actual views of the villagers regarding the project and detail about M/s. Bhushan Power and Steel Ltd for expansion of crude steel production capacity from 3.0 MTPA to 5.5 MTPA along with CPP capacity from 560 MW to 710 MW at existing plant.

The Addl. District Magistrate, Sambalpur welcomed the public present at the meeting and explained to the public to participate in the public hearing giving their views about the impact on the environment due to the proposed expansion of M/s. Bhushan Power and Steel Ltd of crude steel production capacity from 3.0 MTPA to 5.5 MTPA along with CPP capacity from 560 MW to 710 MW at existing plant. He also stated that video recording was done & the views of the public were very important for taking decision for grant of clearance for the said expansion of project of the company. He also categorically stated that Administration and State Pollution Control Board have no role in the public hearing of the project except to maintain law and order and hear to the views of the public in a neutral and transparent manner allowing all views to be expressed without fear with an assurance of taking all views in to consideration while deciding on the issue of whether to grant the clearance to the project or not. He again welcomed the public to the meeting to give their deliberations in peaceful manner.

Sri H. N. Nayak, Regional Officer of State Pollution Control Board, Sambalpur called the project proponent to deliver the detail of the expansion of the project ,its impact & mitigation measures to be taken by the company to protect environment .

Sri Niranjana Parida, Dy Manager, Environment Management Division, Bhushan Power and Steel Limited started his deliberations with detail of the expansion of existing plant at Thekoloji village from 3.0 MTPA capacities to 5.5 MTPA along with augmentation of our power generation capacity from 560 MW to 710 MW, within existing works boundary. He emphasized on the requirement of Environmental Clearance (EC) from Ministry of Environment and Forest (MoEF),

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Consent to Establish from the State Pollution Control Board of Odisha. He also stated that the company was awarded Terms of Reference for carrying out EIA study for the proposed expansion, by MoEF on 30th march 2015. Then he deliberated following points regarding the expansion

1. The estimated investment from the expansion project would be about Rs. 9090 Crore including Environmental Management cost of about Rs. 490 Crore.
2. The expansion project would also generate permanent employment of around 1500 people in addition to generation of secondary source of employment like contractual labour during construction, operation etc.
3. After the expansion the plant would produce a total of 5.31 MTPA of saleable steel including Pipes and tubes, Hot Rolled Coils, Galvanised and Galvalume Coils, Annealed Coils, Colour Coated Coils and Precision Tubes.
4. The process route to be followed for the expansion will be the conventional Blast Furnace-Basic Oxygen Furnace-Thin Slab Caster Route.
5. The expansion project would require approximately 6.9 MTPA of raw materials and 1905 KL/hour of water which would be source from the existing water source i.e. the backwater of the Hirakud reservoir
6. To maintain the safe environmental condition of the region, state-of-the-art Pollution control equipment will be installed in addition to the existing Pollution Control Equipment of the operating plant.
7. The following Pollution Control Equipment would be installed for the facilities of the proposed expansion:
 - a. Sprinkling of water on a regular basis to Raw material handling section, and roads.
 - b. Dry fog system, covered conveyor, vehicle tyre washing and black top/concrete roads to minimize Fugitive Dust emission
 - c. Point source emission will be controlled by installing Electro Static Precipitator, Bag Filters, venture scrubbers, cyclone separator etc.
 - d. The coke oven battery will have High Pressure Liquid Aspiration system to control Charging emission, land based fume extraction system for pushing emission control, coke dry quenching with power generation
 - e. Closed hood sintering, waste gas recirculation to minimize the energy consumption and NOx emission.
 - f. Installation of Programmable Logic Control controlled low NOx burner to minimize NOx emission

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- g. Reduction of Sulphur Dioxide (SO₂) through use of clean Coke Oven Gas i.e. desulphurized COG
- h. For water pollution control, the plant water system will be designed to achieve near zero discharge i.e. no waste water will go outside the plant premises.
- i. This is achieved through installation of Common Effluent Treatment Plant (CETP) with Reverse Osmosis(RO) system.
- j. Installation of Biological Oxidation & Dephenolisation plant for treatment of waste water from Coke Oven Battery
- k. All noise prone equipment will be housed within enclosures to reduce the noise level to an acceptable limit
- l. The Blast Furnace slag will be 100% granulated and utilized for manufacture of cement.
- m. Other solid waste like mill scale, sludges, Flue dust etc. will be recycled to the Sinter Plant.
- n. The metallics from Basic Oxygen Furnace slag will be recovered and utilized within the plant and the balance portion will be stored separately for use after weathering

Again he stated that the existing plant has already planted 447000 trees of diverse species in & around the plant and this would also be strengthened by planting additional trees. The total greenery of the area will increase extensively, thereby achieving greenery of 33% and more of the total acquired land.

He also outlines, Corporate Social Responsibility (CSR) activities of the company for improving the quality of life of the people living in and around plant like construction of roads, village ponds, tube well, drinking water supply, free health camps including free medicine, vocational training for empowerment of women (self help group), construction and renovation of school infrastructure, construction of religious buildings etc.

Sri H. N. Nayak, Regional Officer of State Pollution Control Board, Sambalpur requested the public to give their deliberation one by one regarding the expansion of the project.

Then the public deliberated on various issues of the industry one by one. After four persons delivered their views, about 15 to 20 people came to the front and tried to disturb the public hearing by shouting at a time. The Addl. District Magistrate, Sambalpur called them repeatedly to give their deliberations in peaceful manner one by one and to give opportunity to the other people to deliver their views

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maintaining proper law & order during the hearing. After a lapse of 30 minutes, the shouting was stopped and the public delivered their views for 2 hours in peaceful manner.

After the deliberations were made by the public, Regional Officer, State Pollution Control Board, Odisha, Sambalpur again called the Representative of the industry to offer their views on issues raised by the public.

Sri Ranjit Ghosh, General Manager (Env. Management Division) of the industry placed his views on the issues raised by the Public. The summary of the views and concerns of the public and the commitments made by the Project Proponent are annexed in Oriya language & English language as Annexure-V & VI respectively. 157 Nos. of written representations were received at the public hearing which are annexed as Annexure-VII.

Finally the meeting was ended with a vote of thanks to the chair and other participants.

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