

**PROCEEDINGS OF THE PUBLIC HEARING FOR THE PROPOSED EXPANSION OF SPONGE IRON PLANT FROM 50 TPD TO 250 TPD BY INSTALLING 2X100 TPD KILNS FOR PRODUCTION OF ADDITIONAL 60000 TPA SPONGE IRON, 90000 TPA PRODUCTS BY INSTALLING 2X15 T INDUCTION FURNACES AND 12 MW CPP AT DEJURI, DEUCHA, PO: UNRA, JAMBEDIA, PS: BARJORA, DIST: BANKURA, WEST BENGAL, PROPOSED BY M/S SEN FERRO ALLOYS PVT. LTD. HELD ON 23.11.2009 AT 12:00 HRS IN THE BARJORA PANCHAYAT SAMITY COMMUNITY HALL, PO & PS: BARJORA DIST: BANKURA, WEST BENGAL**

M/s Sen Ferro Alloys Pvt. Ltd submitted an application to West Bengal Pollution Control Board for conducting Public Hearing for the proposed expansion of sponge iron plant from 50 TPD to 250 TPD by installing 2x100 TPD kilns for production of additional 60000 TPA sponge iron, 90000 TPA products by installing 2x15T induction furnaces and 12 MW CPP at Dejuri, Deucha, PO: Unra, Jambedia, PS: Barjora, Dist: Bankura, West Bengal, proposed by. As per the EIA notification S.O. 1533 dated 14th September 2006 of the MoEF, Govt. of India Environmental Clearance of the said project is required to be obtained after conducting Public Hearing.

Accordingly, West Bengal Pollution Control Board conducted the Public Hearing on 23.11.2009 at 12:00 hrs in the Barjora Panchayat Samity Community Hall, PO & PS: Barjora Dist: Bankura, West Bengal, after observing all formalities. Panel members were present in the hearing. A considerable gathering was also present in the hearing. List of the panel members and the others present in the public hearing are enclosed.

The hearing started with a welcome note from Dr. T. K. Gupta, Chief Engineer, WBPCB. He explained about the EIA notification. He requested Sri Sukumar Das, Additional District Magistrate (G), Bankura to preside over the hearing. Sri Sukumar Das, Additional District Magistrate (G), Bankura welcomed the audience & presided over the hearing. Then he requested the project proponent to deliver their presentation and requested the audience to raise their queries after the presentation is over.

Sri S. K. Sen, the project proponent welcomed the audience on behalf of the project proponent and explained the activity of the proposed unit through PowerPoint presentation. The project proponent, during his presentation, covered the topics regarding the project details, water consumption, plant layout, incremental concentration of air pollutant for the proposed expansion, water, sound & soil qualities and possible impacts on these, impacts on flora & fauna, socio-economic conditions, EMP, APC devices, stack heights & emission standards of 50 mg/Nm<sup>3</sup> for the proposed devices, plantation over 33% area, solid waste management, environmental monitoring, risk management, etc.

The unit has applied to MoEF on 12.11.2009 for the amendment of the proposed expansion project regarding the replacement of proposed 16041 TPA ferro alloy plant consisting of 2x9 MVA SAF with 2x15T induction furnaces for 90000 TPA billets/ingots/Concast.

Sri Sukumar Das, Additional District Magistrate (G), Bankura requested the audience to raise their questions and/or opinions, if any.

Sri Manoranjan Maji, Sri Pratik Maji & Sri Bhaskar Maji of village Deucha and Sri Narayan Chandra Neogi of village Saharjora stated the fact that the Dam over the river plays an important role in their village life & the fish is the precious resources of the village. The agriculture & the fish production of the locality are reduced due to the polluted water.

Sri Gopal De of village Barjora, Sri Sujit Mondal of village Saharjora, Sri Ananta Deb Kundu & Sri Paresh Maji of village Deucha submitted that the local people are suffering from the pollution caused by the three surrounding sponge iron units.

Sri Vivekananda Keora of village Barjora submitted that the majority of people are suffering from pollution, no proper plantation program is taken, no noticeable local development, no laborer security and expected standard laborer wages, continuous operation of APC devices & local development.

Sri Babul Aich of village Barjora, Sri Jayanta Mondal of village Maliara, Sri Adwaitwa De of village Saluka, Sri Samaresh Maji of village Deucha, Sri Janardan Kundu, local representative of Paschim Banga Bijyan Mancha welcomed the pollution-free industrialization.

Sri Madhav Roy of village Dejuri welcomed the expansion.

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Sri Alok Mukherjee, Pradhan, Barjora gram Panchayat stated the scarcity of fresh water in the locality and expected that the district administration will look after the enhancement of medical & other local facilities.

Sri Goutam Mondal, Pradhan, Sarjora gram Panchayat welcomed the project after the proper control of the local polluting industries.

Sri Sunil Khan, Ex-MP declared that district level of his party has decided not to allow any new sponge iron unit in Bankura District, and emphasized that the industries and pollution control board to be more vigilant on existing sponge iron industries.

Sri Jadunath Roy, Sabhapati, Barjora Panchayat Samity opined that industrialization is required for the development in our block. Therefore he suggested that the project proponent, before going for further expansion, should take measures for better environmental compliance in their existing 50 TPD sponge iron unit. They should show their positive attitude towards better compliance so that the confidence level of the local people is achieved at the earliest.

Dr. T. K. Gupta, Chief Engineer, WBPCB advised for the installation of efficient air pollution control system, adequate suction system for induction furnaces to maintain the emission level below 50mg/Nm<sup>3</sup>. He also insisted on the fact that, while finalizing the EIA and EMP, the project proponent should incorporate the outcomes of the opinions of the attendants of this public hearing as well as the following points—

- Permission for the additional requirement of ground water/ PHE supply water should be included.
- Cumulative impact of air quality modeling should be exercised considering the surrounding industries.
- Results of air quality prediction modeling should be included in EIA-EMP report considering the emissions from all the existing & proposed units within the study area.
- Local level monitoring committee should be set up in consultation with district authority & local administration.
- Copies of MOU with other entrepreneurs for utilization of fly ash should be included
- Fly ash disposal should be done as per the fly ash notification guidelines.
- Standby arrangement for waste gas cooling (GCT or Recuperator) for rotary kilns should be made for ensuring ESP operation even in the case of WHRB shutdown.
- 100% utilization of char for power generation in CPP should be targeted
- Green belt development should be done in consultation with the State Forest Department over 33% of the project area.
- Side suction systems for the induction furnaces should be installed
- Induction furnaces should be operated with at least 65-70% sponge iron. For each induction furnace, daily charge should not exceed 10.

On behalf of the project proponent, Sri S. K. Sen appreciated the issues raised during hearing mentioned above and assured that they would take all possible measures for maintaining the Environmental Norms. He has also assured that they would address all the issues mentioned above and incorporate the same while finalizing the EIA and EMP.

Sri Sukumar Das, Additional District Magistrate (G), Bankura appreciated the proposal presented by M/s Sen Ferro Alloys Pvt. Ltd during the public hearing and he has expressed that the proposed expansion may not be considered at this moment. However the project proponent should seriously consider the issues raised by the different participants including the pradhans of different local panchayats & Sabhapati, Barjora Panchayat Samity. The PP should take immediate steps to improve the performance of their pollution control systems for their existing activities and to gain the confidence of the local public. Finally, Sri Sukumar Das, Additional District Magistrate (G), Bankura concluded the session with vote of thanks.

Sd/-  
Dr. T. K. Gupta  
Chief Engineer  
West Bengal Pollution Control Board

Sd/-  
Sri Sukumar Das  
Additional District Magistrate, Bankura  
Government of West Bengal