

MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING OF PROPOSED SILICO-MANGANESE PLANT (25000 TPA) THROUGH SETTING UP OF 1X18 MVA SUBMERGED ARC FURNACE OF M/S. MANGANESE ORE (INDIA) LTD. (MOIL) AT VILL.RANJHANA, TAL-SAONER, DIST.NAGPUR 11.03.2022.

As per Ministry of Environment and Forest, Govt. of India Notification dated 14.09.2006 amended notification dated 1.12.2009, Environmental Public Hearing conducted in respect of proposed Silico-Manganese Plant (25000 TPA) through setting up of 1x18 MVA submerged Arc Furnace of M/s. Manganese Ore India Ltd. (MOIL), At Vill.Ranjhana, Tah.Saoner, Dist.Nagpur under the Chairmanship of Smt. Vijaya Bankar, Additional District Magistrate & Residential Deputy Collector. Shri. Ashok Kare, Regional Officer, M.P.C.Board, Nagpur was the member of the public hearing panel, attended through online mode and Shri.Anand Katole, Sub-Regional Officer, M.P.C.Board, Nagpur-I act as a convener. The Public Hearing started at 12.30 pm with the permission of the Chairperson of the Public Hearing Panel. Attendance of the People present during the Public Hearing is attached as **Annexure-I**.

BACKGROUND :

Manganese Ore India Limited (MOIL), a Govt. of India Enterprise, a Miniratna, state owned Manganese ore mining company, is the largest manganese ore producer in the country with a credit of sharing 50% of the country's production. It holds about 73.5 million tonnes of reserves and resources of manganese ore out of which 44% are proven reserves.

MOIL Ltd., the largest and low-cost manganese ore producer in the country holding larger reserves of high grade of manganese ore, is in dominant position to capitalize on India's steel sector growth. As per the Indian Bureau of Mines about 4.25 million tones of manganese ore reserves are estimated at Gumgaon Mines in Maharashtra.

MOIL Ltd. have already taken up various ore beneficiation and mineral processing projects. At present as a forward integration program, MOIL has proposed to set up a ferro-ally plant near their existing Gumgaon mines, Vill. Rajhana, Khapa at Maharashtra and the plant will comprise of 1x18 MVA SAF units for production of Si-Mn Ferro Alloy.

PURPOSE AND PROCEDURE:

With the permission of Chairperson of Public Hearing, the Sub-Regional Officer, MPCB, Nagpur-I has started Public Hearing by welcoming the Chairperson and Member of the public hearing panel, local citizens from the village and others.

The Chairperson of Public Hearing Panel informed that, the Public Hearing is conducted for recording the views/objects/suggestions of the participants regarding the project, and same is communicated to the Government. Chairperson also clarified that this panel is not here to take decision for grant of any approval to the project and appealed the participants to express their views and suggestion.

Sub-Regional Officer, MPCB, Nagpur-I explained the purpose of conducting this public hearing that as per MoEF, GOI Notification SO 60(E) of 27th January, 1994 and amended on 14th September, 2006. The notices for the public hearing was published in two local widely circulated Newspapers i.e. the 'Times of India (English) and 'Lokant (Marathi) on 09.02.2022. Copies of the same are enclosed as **Annexure-II**.

Copies of the executive summary / EIA containing salient features of the project & EIA both in English and in Marathi and other information/documents were made available to the public by making these documents available in various Govt. offices as well as local Gram Panchayat as per MoEF GOI Notification. Suggestions, comments and objections of the public were called in writing during the notice period of the publication of the notice. The public hearing panel was constituted vide MPC Board Office Order No. E-15/2022 vide letter No. BO/JD/(WPC)/PH/B-220217-FTS-0167 dtd. 17/02/2022. Copy of the same is enclosed as **Annexure-III**. Provision was made for online public hearing through webex app for which username and password was displayed, however online queries was not received. This office has received 5 representation regarding support to this proposed project, copies are enclosed as per **Annexure-IV**.

Thereafter, Sub-Regional Officer, Nagpur-I and Convener requested the project proponent to give their detail presentation about the project and the Environmental issues related with it. Accordingly, representative of the project proponent gave detailed power point presentation of the project in local language as under. Project proponent has given information regarding project undertake by M/s. Manganese Ore India Ltd. (MOIL) for proposed Silico-Manganese Plant (25000 TPA) through setting up of 1x18 MVA submerged Arc Furnace. He further explained regarding project location, benefits of proposed project, proposed facilities, fire fitting facilities, process description, description of environment and identification of anticipated impact, Land environment, climate and meteorology, Air Environment, existing water quality, water consumption, biological environment, socio-economic environment, impact on local infrastructure, environment management plan, air emission, preventive maintenance / inspection.

Sub-Regional Officer & Convener Shri. A.N. Katole has requested the citizen as well as the present public to express their views, comments, concern & suggestion for this proposed project.

FOLLOWING MEMBERS HAVE PARTICIPATED IN PUBLIC HEARING AND RAISED QUESTIONS/COMMENTS/SUGGESTIONS. THE DETAILS ARE GIVEN BELOW;

1) Shri.Devidas Nagrale, Khapa.

Sr. No.	Objections/Suggestion/Question	Comments/ made by Project Proponent.
1.	Whether Project Proponent will implement project work as per the presentation shown to us. Employment should be given to residents of village Gumgaon, Wakodi, Khairy, Kodegaon, Bawangaon & Tighai. There shall be no River pollution due to mine water.	All the pollution control system will be installed as per the presentation. Employment will be given to local residents as per the qualification and requirement. Effluent Treatment Plant will be installed for the treatment of mine water and treated effluent will be used in the mine. No effluent will be discharge into the River.

2) Shri. Manohar Junghare, Sarpanch, G.P. Wakodi.

Sr. No.	Objections/Suggestion/Question	Comments/ made by Project Proponent.
1.	There should be no Air, Water & Noise pollution. Proper management of effluent and solid waste shall be done. Road and Bridge shall be construct for Wakodi Village. Beautification of crematorium shall be done. Employment should be given to local residents. Deep sand mining shall not be done in Kanhan River. Drinking water shall be arrange for livestock. Protection wall shall be provided for Kunbi ghat to Dhiwar ghat. Bridge shall be construct on Gumgaon to Khapa Road.	Water & Air pollution control system will be installed as per the presentation. Due care will be taken for the reduction of noise pollution. Solid waste (slag) generated from the project will be reused and excess waste will be used for road construction. Massive tree plantation drive will be taken and development work under CSR will be done in consultation with local administration.

3) Shri. Devendra Junghare, Secretary, G.P.Gumgaon.

Sr. No.	Objections/Suggestion/Question	Comments/ made by Project Proponent.
1.	The proposed Ferro Alloy plant at Gumgaon is welcomed. This plant should be named as Rajna-Gumgaon instead of Rajna-Khapa. There should be no effect on agriculture crop due to air pollution of this plant. Check Dam shall be construct on Gumgaon nalla. Employment should be given to local residents. M/s. MOIL should adopt Vill.Gumgaon. At least 3 to 5 thousand trees shall be planted for the 3 villages comes under G.P. Gumgaon, which are Rajna, Haladgaon & Gumgaon. This project is providing employment opportunities.	Water & Air pollution control system will be installed. Due care will be taken for the reduction of noise pollution. Solid waste (slag) generated from the project will be reused and excess waste will be used for road construction. Massive tree plantation drive will be taken and development work under CSR will be done in consultation with local administration.

4) Shri. Parag Chichkhede, President, N.P.Khapa.

Sr. No.	Objections/Suggestion/Question	Comments/ made by Project Proponent.
1	There is no playground around the vicinity. Provision of playground is useful for local players. Water discharge is observed on Khaperkheda road. If, proper planning done for this wastewater then, there will be no water scarcity in summer and this water can be use for Khapa & Gumgaon mine. School facility shall be provided for local students. Project proponent shall implement all the suggestions and informed action taken on all suggestions to the local residents.	Development work will be done under CSR in consultation & approval of local administration.

5) Shri. Ankit Mungole.

Sr. No.	Objections/Suggestion/Question	Comments/ made by Project Proponent / MPCB.
1.	There will be emissions of pollutants like PM, SO ₂ & NO _x and MOIL is planning to control these emissions. About 6300 trees are planted in 10 Km area, is it sufficient? Whether septic tank and soak pit is sufficient to treat domestic effluent? Is their any provision of rainwater harvesting? Is their any employment guarantee? Solid waste management shall be done.	Latest updated pollution control arrangement's will be installed so that, emission level of pollutants will be negligible. Massive tree plantation drive will be taken. Domestic effluent generation will be 2.8 CMD for which septic tank and soak pit arrangement is sufficient. Rainwater harvesting will be installed. Employment will be given to local youth as per the qualification and requirement. Solid waste (slag) generated from the project will be reused and excess waste will be used for road construction.

6) Shri. Waman Masurkar, Sr. Citizen, New Vasahat, Khapa

Sr. No.	Objections/Suggestion/Question	Comments/ made by Project Proponent / MPCB.
1	Project shall be installed subject to Environmental norms and employment should be given to local residents.	Updated pollution control arrangements will be installed as per the Rules of Environment Department. Employment will be given to local residents as per the qualification and requirement.

7) Shri. Sunanda Reddy, Environmentalist.

1	Supported to the proposed project and written representation submitted.	---
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8) Shri. Piyush Jangle, Khapa

1	Employment should be given to local residents.	Employment will be given to local youth as per the qualification and requirement.
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9) Smt. Aruna Anand Shinde, President, Panchayat Samiti, Saoner.

1	Employment should be given to local unemployed youth. Development work should be done under CSR fund.	Employment will be given to local youth as per the qualification and requirement. Development work will be done under CSR in consultation & approval of local administration.
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10) Smt. Jyoti Siraskar, Member, Z.P.

1	We are ready to give NOC for this project subject to written guarantee about employment. Road & bridge work should be completed for Gumgaon Village under CSR fund.	Employment will be given to local youth as per the qualification and requirement. Development work will be done under CSR in consultation & approval of local administration
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11) Shri.Kishore Pakhide, Up-sarpanch, G.P.Kodegaon.

1	Development of Gumgaon Village shall be done under CSR fund and adequate employment should be given to local residents.	Employment will be given to local youth as per the qualification and requirement. Development work will be done under CSR in consultation & approval of local administration
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12) Smt. Sangita Bawiskar, Sarpanch, G.P.Tighai.

1	The sewage of China Town is mixing into River through nalla and send sewage is drinking by animals. Proper planning should be done to stop the sewage mixing into River water. Grampanchayat is willing to provide land on lease for the project subject to terms & conditions such as employment should be given to local residents, construction of bridge. Toilet construction and drain work has been completed for the village, but condition of development work in rural area is very poor.	Employment will be given to local youth as per the qualification and requirement. Development work will be done under CSR in consultation & approval of local administration
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13) Smt. Varsha Jamle, Up-Sarpanch, Gumgaon.

1	Condition of village road is very poor. Pending Tax for S.No.63 & 64 shall be paid by M/s.MOIL.	Quarterly meeting will be conducted with local residents to discuss development work.
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14) Shri.Kishore Ganvir, Kodegaon.

1	Development work not done under CSR fund. Employment should be given to unemployed youth of village. CSR fund is not received.	About 10 to 12 Crore per year CSR fund is being given by MOIL for development work.
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15) Shri.Dinesh Jibhe, Gumgaon.

1	M/s. MOIL, Gumgaon Mine is paying Tax to Khapa village. Justify whether this project is coming in Gumgaon for Khapa village. Pending Tax for 4 to 5 years shall be paid.	Quarterly meeting will be conducted with local residents to discuss development work.
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16) Shri.Abhaykumar Kathote, Social Worker.

1	M/s. MOIL is giving all the facilities including employment opportunities. Adequate tree plantation is being done.	-----
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17) Shri.Satish Dhote, Gadegaon.

1	Development work within 10 Kms such as crematorium approach road for Gadegaon to Tadasghat Village is not done since long time. Local residents do not have access for China Town. Employment opportunities are not available. Grampanchayat is ready to give NOC subject to condition of employment to local residents.	Employment will be given to local youth as per the qualification and requirement. Development work will be done under CSR in consultation & approval of local administration
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18) Shri.Gajanan Titare.

1	The proposed Ferro Alloy plant at Gumgaon is welcomed. Employment should be given and all the Environmental conditions shall be complied.	Latest pollution control arrangement will be installed as per the directions of Environment Department.
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19) Shri.Rajendra Patil, Tadasghat

1	MOIL is giving employment to the locals and about 300 peoples are working under contract basis.	-----
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20) Shri.Sanjay Satykar, Mahavidarbha Shetkari Sanghatna.

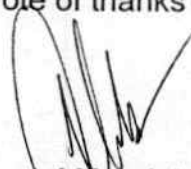
1	The proposed value addition project of MOIL having investment Rs.136 Crore is welcomed. Local residents and public representatives have asked questions, but majority of questions are asked other than Environmental issues. Whether cognizance will be taken on other than Environmental issues? There are various service and material supply related proposed work for this project, which should be intimate to local residents in advance so that, local residents will able to supply. The report on EIA is not satisfactory. Presentation shown before us is not proper. Agriculture related report is not comprehensive. No comments on heavy metal in the report. MOIL should conduct meeting once in a quarter to discussed local issues.	EIA report is being prepared by accredited consultant approved by Environment Department. Scrutiny and verification of EIA report is being done by Experts of Environment Department. Total water requirement for the proposed project is about 35 CMD and industrial effluent generation will be come cooling tower blow down for which ETP is proposed and treated effluent from ETP will be utilized in the process. In no case effluent will be disposed outside the premises. Domestic effluent generation will be 2.8 CMD for which septic tank and soak pit will be provided.
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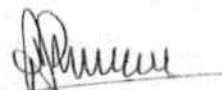
		<p>Solid waste (Slag) generation will be 90 Ton/day. Slag will be crushed for metal recovery and excess slag will be utilized for road construction. The dust particle record from air pollution control system shall be reused in the process. As an air pollution control arrangement, Bag filters will be provided at the ferro alloy plant furnace so that, emissions level will be much below the desired consented norms. Transportation activity for this project will be done from the mine premises so that, there will be no nuisance to the residents. Water sprinkling arrangements and bag filters will be provided to raw material handling section. Avenue tree plantation on both the sides of road will be done. About 42 nos. of direct and 300 nos. of indirect employment generated from this project. Priority will be given to local unemployed youth as per the qualification and requirement.</p>
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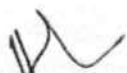
Shri.Waghmare, Tahsildar, Saoner suggested that, MOIL should give preference to locals for employment, Material and supply related work should be given to local residents. Proper planning should be done for the utilization of CSR fund for development in consideration with residents.

Additional District Magistrate & Residential Deputy Collector, Nagpur & Chairperson of Public Hearing Panel.

Smt. Vijaya Bankar, Additional District Magistrate & Residential Deputy Collector, Nagpur & Chairperson of public hearing panel, summarized the questions and queries raised by the people present for public hearing and replies given by project proponent. Chairperson informed that, the MOIL should conduct quarterly meeting with the local residents to discussed pending issues, the project proponent shall provide adequate employment to the local residents, large scale tree plantation drive shall be taken, and project proponent shall install advance pollution control system. Sub-Regional Officer, MPCB, Nagpur extended vote of thanks to the present public and public hearing concluded with a vote of thanks to the chair.


(Anand Katole)
Sub-Regional Officer-II,
MPC Board, Nagpur &
Convener of the Public
Hearing Panel


(Ashok Kare)
Regional Officer,
MPC Board, Nagpur &
Member of the Public
Hearing Panel


(Vijaya Bankar)
Additional District Magistrate &
Residential Deputy Collector,
Nagpur & Chairperson of the
Public Hearing Panel