

MINUTES OF ENVIRONMENTAL PUBLIC HEARING IN RESPECT OF PROPOSED PROJECT OF PRODUCTION ENHANCEMENT OF MS, STAINLESS STEEL & ALLOY STEEL BILLET/INGOT FROM 220 TPD TO 750 TPD, MS, STAINLESS STEEL & ALLOY STEEL BAR, RODS & FLAT BARS FROM 125 TPD TO 750 TPD & PROPOSED PRODUCTION OF BRIGHT BARS UP TO 75 TPD PROPOSED BY M/S. JAILAXMI CASTING & ALLOYS PVT. LTD., GAT NO. 74, 75, PHAROLA & GAT NO. 53, MHAROLA, TQ. PAITHAN, DIST: AURANGABAD, MAHARASHTRA CONDUCTED ON 03/08/2019 AT 11.00 A.M. AT GAT NO. 74, 75, PHAROLA & GAT NO. 53, MHAROLA, TQ. PAITHAN, DIST: AURANGABAD (FACTORY PREMISES), MAHARASHTRA.

An environmental public hearing in respect of proposed **Project of Production Enhancement of MS, Stainless Steel & Alloy Steel Billet/Ingot from 220 TPD to 750 TPD, MS, Stainless Steel & Alloy Steel Bar, Rods & Flat Bars from 125 TPD to 750 TPD & Proposed Production of Bright Bars Up to 75 TPD** proposed by M/s. Jailaxmi Casting & Alloys Pvt. Ltd., Gat No. 74, 75, Pharola & Gat No. 53, Mharola, Tq. Paithan, Dist: Aurangabad, Maharashtra was conducted on 03/08/2019 at 11.00 a.m. at Gat No. 74, 75, Pharola & Gat No. 53, Mharola, Tq. Paithan, Dist: Aurangabad (Factory Premises), Maharashtra.

Following Panel members were present during the public hearing :

1. **Shri Bhanudas Palve,**
Additional District Magistrate, Aurangabad,
Dist: Aurangabad. Chairman.
2. **Shri A.D. Mohekar,**
Regional Officer,
MPCB, Aurangabad. Member.
3. **Shri P.D. Wankhede,**
Sub-Regional Officer,
MPCB, Aurangabad. Convener.

A list of members and public participants present for Public Hearing is annexed herewith. All those present were given welcome by **Mrs. Seema Mangulkar** from MPCB, Aurangabad and started the proceedings of said Public Hearing with the permission of the Chairman of said Public Hearing Panel and briefed the meaning of Marathi word "Paryavaran". Then, she narrated the procedure to be followed for obtaining environmental clearance by explaining the provisions of the Ministry of Environment, Forests & Climate Change, Government of India Notification No. S.O. 1533 dated 14th September, 2006 and amended Notification No. S.O 3067 (E) dated 01/12/2009 and Summary of the proposed project right from the date of receipt of application submitted by the Project Proponent for conducting Environmental Public Hearing till fresh notice issued by MPCB in the newspapers Daily Divya Marathi (Marathi) and Daily Times

of India (English) dated 01/07/2019. She stated that it is mandatory to conduct the Public Hearing for some specific project as per the said Notification and the proposed **Project of Production Enhancement of MS, Stainless Steel & Alloy Steel Billet/Ingot from 220 TPD to 750 TPD, MS, Stainless Steel & Alloy Steel Bar, Rods & Flat Bars from 125 TPD to 750 TPD & Proposed Production of Bright Bars Up to 75 TPD** proposed by M/s. Jailaxmi Casting & Alloys Pvt. Ltd. falls under the said Notification, which requires Environmental Clearance from the Government of India, New Delhi, hence it is necessary to conduct the public hearing for said project. She stated that the purpose of conducting the public hearing is to have the information to the people in the surrounding area about the said project, impact of the project on the surrounding environment, pollution control systems to be provided and to know the views of the people and to consider their suggestions, etc. of the people regarding the project. Thereafter, she requested the Project Proponent to brief the presentation of the proposed project in local language (Marathi).

Then, the Project Consultant, **Shri Pritam Kadam** from M/s. Enviro Resources, Mumbai started the power point presentation of proposed project including the details of project, environmental pollution, plans, devices and control measures to be taken thereof. He stated that initially, the company has proposed to establish the said project in the year 2004 and since then, it is kept in operation by obtaining the Consent from Maharashtra Pollution Control Board (MPCB) from time to time and at present, the company is having the Consent from MPCB having its validity upto 2021. He stated that considering the market demand of Steel, the company has proposed their expansion.

He stated that the Environmental Consultant of the company, M/s. Enviro Resources, has prepared the Environment Impact Assessment (EIA) Report for the said project by conducting study, for which discussion is being carried out and first of all, he showed the google map showing the location of the proposed project site. While briefing about the need and expansion of said project, he stated that taking into consideration the increased demand of steel in infrastructure development, the owner of the company has taken decision to fulfill the said demand by increasing the existing production of steel so that the market rates of steel will be reduced. As the owners of M/s. Jailaxmi Casting & Alloys Pvt. Ltd. are economically stable, they can operate the said project in a very good condition and simultaneously they can protect the environment and accordingly, M/s. Enviro Resources has prepared the EIA report. He showed the slide showing the latitude, longitude and google map of the project site, nearest village Pharola, Tq. Paithan. He stated that the production of the proposed project will be taken at village Pharola and the green belt will be developed at Gat No. 53, Village Mharola and tree plantation will also be carried out at village Pharola. He showed the toposheet map of the study area within the radius of 10 km. of the project site, which they have obtained from the Department of Survey of India and stated that there is no any protected forest within the radius of 10 km., however there are some small reserved forests in the said area, but it will not be affected due to the proposed project.

He further stated that the raw material required for the said project is sponge iron and scrap, which will be made available from local market as well as imported. The other raw material required is Iron Manganese, Silico Manganese, Nickel, etc. He showed the project

details in which there is 10% area for Parking and 33% area proposed for Green Belt Development as per the Government rules.

While briefing about the manufacturing process of the said project, he stated that they will provide one additional arc furnace due to which no more bio-fuel or diesel will be required and due to which there will be no emission of hazardous gases and electricity will be used as fuel totally due to which no additional bio fuel or diesel will be required.

He stated that the expansion will be carried out on **43200** Sq.m. of area at Gat No. 74 & 75 at village Pharola and they will develop the Green Belt on **45000** Sq.m. area and the major benefit of the said project is that there are **160** workers employed in the existing project and employment will get to **400** persons in the proposed project and the company has decided to give maximum employment to the local people. He briefed about the details of the project and stated that requirement of electricity for existing project is **10** MW and after expansion, the total electricity required will be **30** MW, at present there is no D.G. set in the existing project, but one D.G. Set of **1000** KVA capacity will be installed in the proposed project, the water requirement will be **160** CMD, but after recycling, the water requirement will be **140** CMD and the said will be taken from the farming land of company through pipeline, at present, company is having one Induction Furnace of **25** MT capacity and one Re-heating Furnace of **20** MT capacity and they have proposed to install one additional Arc Furnace of **30** MT capacity in the proposed project for enhancement of production, the fuel required for the D.G. Set, i.e. HSD and the fuel required for re-heating furnace like coal, fuel oil, etc. will be purchased from local market, for dispersion of gases into atmosphere at high level, the company has already provided a stack of **30** mtr. height and taking into considering the environment protection, they have proposed to provide a stack of **40** mtr. height.

He further briefed about the existing environmental condition and stated that they have carried monitoring at various locations in the project area like Air – **8** Locations, Groundwater – **8** Locations, Surface Water – **6** Locations, Noise – **8** Locations & Soil – **8** Locations and observed as follows :

Air :- The concentration of various parameters is as PM_{10} – **71.94** to **87.12** $\mu\text{g}/\text{m}^3$, $PM_{2.5}$ – **19.65** to **41.74** $\mu\text{g}/\text{m}^3$, SO_2 – **18.58** to **29.55** $\mu\text{g}/\text{m}^3$, NO_x – **31.54** to **41.74** $\mu\text{g}/\text{m}^3$, which is below the prescribed limits.

Noise :- The noise pollution level observed in the area during day time is as **51.6** to **50.7** dB(A) and during night time as **43.0** to **41.8** dB(A), which is below the prescribed limits.

Surface Water :- The surface water samples collected and analyzed and observed that the said water is useful for industrial cooling and irrigation as compared with the Class 'D' Water Quality norms of CPCB.

Ground Water :- The ground water samples collected, the physio-chemical quality of said water compared with Drinking Water Standards (IS : 10500) and observed that the said water is suitable for drinking purpose.

Socio-Economic Environment :- They have studied the socio-economic factors and observed that there will be generation of employment during the construction phase as well as after completion of the construction work of said project.

Biodiversity :- They have carried out the study of biodiversity within the radius of 10 km. of the project area and observed that there is no any sensitive species in the area and there will be no any adverse impact on the biodiversity in the area due to the proposed project.

Shri Pritam Kadam further briefed about the Risk Assessment and stated that they have carried out the Risk Assessment Study and made certain suggestions to the company so as not to cause any loss to the workers, the workers will be provided with Personal Protective Equipments and care will be taken so as not cause any damage to the workers.

He stated that they have prepared Environment Management Plan in which the major issues identified in the area were environment, water environment and solid waste management. For control of air pollution, they have made the provision of stack of 40 mtr. height, to control the dust emission, water sprinkler will be provided at loading-unloading area and as they have proposed electrically operated Arc Furnace, no any additional bio fuel will be used for manufacturing of products. For control of water pollution due to domestic waste water, they have already provided the sewage treatment plant of 25 cu.m., which is sufficient and there is no need to provide additional STP. The slag generated from the steel industries is crushed and the iron particles from it are separated through magnetic field and the remaining material is used in construction work as sand due to which there will be no problem of disposal of solid waste. For control of noise pollution, the D.G. Set will be provided with acoustic enclosures, the workers will be provided with personal protective equipments like, ear plug, etc. due to which their hearing capacity will not be lost and there will be no any trouble to the workers.

He further briefed about the expenditure on environmental aspects and stated that the company has made the provision for various aspects which is as Air Environment Protection – Rs. 90 Lakh, Water Pollution Control – Rs. 20 Lakh, Noise Pollution Control – Rs. 4 Lakh, Occupational Health & Safety – Rs. 20 Lakh, Tree Plantation & its Protection – Rs. 30 Lakh, Solid Waste Management – Rs. 60 Lakh, Rain Water Harvesting – Rs. 10 Lakh and Disaster Management Plan – Rs. 30 Lakh and then he concluded the Power Point Presentation of the proposed project.

After concluding the power point presentation of the said project by the Project Consultant, **Mrs. Seema Mangulkar** stated that the Project Consultant has given the information about the proposed project through presentation regarding project site, purpose of project, employment to be generated, socio-economic progress and pollution control devices, etc. She briefed about the relation between the Development and Environment and then requested the public participants that if anybody is having any doubt, objection, suggestion, etc. about the proposed project, same may express the same by telling their name and the Project Proponent/ Project Consultant will clarify the same.

During the course of public hearing, the public participants and panel members raised certain questions related with the said project and same are answered by the Project Proponent, Project Consultant and the Panel Members, which are as below :

- (1) **Shri Sitaram Shankarrao Dharpale**, a resident of nearby village Pharola, Tq. Paithan, Dist: Aurangabad stated that his agriculture land is located behind the said factory, since 14 years, the waste water generated from the factory is discharged at Gat No. 53 of village Mharola at a distance of 3 km. away from the factory. He stated that they have made complaint, their agriculture land damaged for ten years. Initially, the factory was not having land for the disposal of slag, and at present 50 trips of the same are disposed in his agriculture land, he is losing the sweet lemon due to the deposition of dust from the factory on his sweet lemon trees. He stated that none of the farmer in the area is called for the hearing, hence he requested to take further steps by considering the above things and pollution.
- (2) **Shri Antaram Ambadas Dharpale**, a resident of nearby village Pharola, Tq. Paithan, Dist: Aurangabad asked about the management and provision made for the workers in the proposed expansion project and requested to clarify in detail about the percentage of the local youth for employment in the said project. **Shri Pankaj Agrawal**, the Project Proponent stated that they have given employment to 65% of local people in the existing project and employment will be given to about 85 to 90% in the proposed project, upon which the public present during the public hearing clapped with joy.
- (3) **Shri Bhanudas Palve**, the Additional District Magistrate, Aurangabad and the Chairman of the Public Hearing Panel asked about the earlier question, upon which **Shri Pankaj Agrawal** clarified the question about disposal of waste water asked by Shri Sitaram Dharpale and stated that they have already provided necessary arrangement for the same before four years and they have also provided effluent treatment plant for the treatment of waste water generated from their factory and necessary care is taken. He also stated that still, if there will be any problem, it will be seen again. After asking by **Shri Dharpale** about the number of farmers in the area and Government Officers called for hearing, **Shri Pankaj Agrawal** stated that they have not called to anybody, the MPCB has given advertisement in the newspaper regarding the public hearing. **Shri Dharpale** stated that no any Government Officer like Talathi, Gramsevak, Circle Officer, etc. is present in the public hearing, upon which **Shri Palve** stated that he himself is present and asked Shri Dharpale to clarify his question and his role to call the Talathi. During this discussion, **Shri Dahipale** stated that let to establish such types of 100 factories in their village, etc. and to develop their village and asked that how many money spent by the said factory towards the required water since establishment of the factory to till today, whether company has constructed any dam or dug any river in their village and what planning is done? **Shri Palve** asked him whether he is talking about the CSR, but **Shri Dharpale** said that no, he is not talking about CSR and asked about the place where the trees are planted for pollution control. **Shri Palve** clarified that Talathi is not a technical officer, second thing is about water pollution due to generation of waste water from the factory and non-yield of fruits to the trees of Shri Dharpale due to the air pollution from said factory and stated that, to decide about the pollution, the authorized officers are from

MPCB, which are present here; and the Agriculture Officer can tell about non-yield of fruits to the trees. The Talathi can tell about the present situation only, like number of trees, standing trees, etc., but he can not do the diagnosis of the same. **Shri Dharpale** asked who will do the diagnosis? **Shri Palve** stated that both the persons sat on dias with him and third person is Agriculture Officer who will carry out the diagnosis. **Shri Dharpale** stated that Agriculture Officer is also not present, upon which **Shri Palve** stated that they have not come here for doing Panchanama, however, the suggestion of **Shri Dharpale** will be taken into consideration and will be included in the proceedings and the MPCB Officer will reply in this regard. He also stated that the concerned officers are present for the public hearing as per rules. **Shri A.D. Mohekar**, Regional Officer, MPCB, Aurangabad and Panel Member stated that the factory shall take care for not to discharge a single drop of effluent outside the factory premises. **Shri P.D. Wankhede**, Sub-Regional Officer, MPCB, Aurangabad and Convener of Public Hearing Panel stated that as per the Consent conditions, the factory has provided air pollution control system viz. bag filter followed by dust collector. The factory has also provided effluent treatment plant for the treatment of industrial effluent and domestic effluent generated from their factory and they are informed not to discharge any effluent outside the factory premises without any treatment.

- (4) **Shri Mukesh Gangwal**, a Member of Aurangabad District Environment Committee, Aurangabad asked about the details of air pollution control equipments provided in the said factory and concentration of air pollution to be emitted. **Shri Kadam** stated that smoke/gas is emitted at the time of furnace charging, for which they have provided suction hood from which the said gas is taken into multi cyclone and then it is passed to bag filter and after that the cleaned fine particles of the same are dispersed into atmosphere through stack at high level so as not to come down the same. **Shri Gangawal** asked about the types of bag filter and its life, upon which **Shri Kadam** stated that they have provided Pulse Jet Bag Filter in the existing factory and same will be provided in the proposed project. As far as the life of the bag filter is concerned, **Shri Kadam** stated that there are some physical properties, like some times bag ruptures, pressure drop, etc. for which sensors will be provided, EHS Policy will be developed through monthly maintenance will be carried and care will be taken for not causing equipment failure. **Shri Gangwal** suggested the public participants that if anybody has received any complaint, suggestion regarding the said project, same may be given to him, and he will give the same to MPCB.

Mrs. Mangulkar again requested the public participants that still if anybody is having any doubt, same may be expressed without fear.

- (5) **Shri Santosh Jadhav**, a resident of nearby village Pharola, Tq. Paithan, Dist: Aurangabad asked from where the raw material required for the said project will be brought. **Shri Kadam** stated that mainly the raw material required is Scrap and Sponge Iron, which will be brought from local market and transported at the project site by road.
- (6) **Shri Pratap Dharpale**, a resident of nearby village Pharola, Tq. Paithan, Dist: Aurangabad asked about making available the labour for the said project. **Shri Kadam**

stated that employment will be given to about 400 people in the proposed expansion project and as reported earlier by the Project Proponent, preference will be given to about 90% of local people.

- (7) **Shri Barwal**, a resident of nearby village Pharola, Tq. Paithan, Dist: Aurangabad stated that they get trouble due to pollution problem, hence he suggested that company shall provide trees with tree guards for tree plantation in their village, the vehicles coming at the road side causes accident, for which to provide alternative arrangement for the vehicle parking and to provide one hospital in their village so as to avoid any trouble to the poor people. **Shri Pankaj Agrawal** stated that the company has provided water cooler to the School and water tank for the villagers in their village under the CSR activities, but **Shri Barwal** stated that the said R.O. Plant is closed since last four years and no arrangement of water is made available for the school students, upon which, **Shri Agrawal** stated that the Annual Maintenance of the same is included in the scheme and company has carried out the same during this year. **Shri Barwal** requested to participate for providing tree guards for the trees in their village. **Shri Agrawal** agreed for the same and stated that they have already proposed to develop green belt on 18 acres of land at Gat No. 53, which is not so long. **Shri Barwal** suggested to plant the trees here also and it is agreed by the Project Proponent. **Shri Barwal** pointed out about the air pollution problem (i.e. poor visibility due to spreading of heavy smoke) in their village due to the said factory, upon which **Shri Agrawal** stated that the said complaint will be taken into consideration. **Shri Barwal** stated that the vehicles of the factory coming at road side causes accident, upon which **Shri Agrawal** stated that they have reserved 10% of area for parking in the proposed project due to which such problem will not be there.
- (8) **Shri Bhanudas Palve**, the Additional District Magistrate and Chairman of Public Hearing Panel asked to clarify about the air pollution problem raised by **Shri Barwal**. **Shri Kadam** clarified that source of air emission are to be identified. **Shri Mohekar** suggested to install online air monitoring system, upon which **Shri Kadam** stated that they will install online stack air monitoring system at the proposed expansion project and the data of the same will be displayed so that the people can know the concentration of air emission. **Shri Palve** stated that due to installation of online air monitoring system and displaying of data of the same, the doubts will be cleared that the air emission may be from other factories or may be 100% from the said factory or may not be 100% or may be from the said factory partly as well as other factories in the area. **Shri Kadam** stated that they have already proposed for the installation of online air monitoring system. As reported earlier **Shri Palve** suggested to provide 3 to 4 ft. height of trees with tree guards instead of providing samplings to the villagers and to construct dam (Bandhara), etc. by expending 10% amount under the CSR activities by taking into confidence the local people and it is agreed by the Project Proponent.
- (9) **Shri Sitaram Shankarrao Dharpale**, a resident of nearby village Pharola, Tq. Paithan, Dist: Aurangabad asked whether a Committee regarding pollution can be formed at local level, upon which **Shri Mohekar** stated that it is not possible to form such Committee at Grampanchayat level, but a District Level Environment Committee is already in existence which consider the issues related with pollution and suggest the measures for

the same. **Shri Dharpale** asked whether a member from a village can be taken where a company is being established. **Shri Mohekar** stated that no, because the Environment Committee is having a certain structure, the names of members are suggested by the Hon'ble Chairman and Hon'ble Guardian Minister in which all the MLAs in the district some Government Officers are the members, such Committee is constituted as per the G.R. issued by the Ministry of Environment, Government of Maharashtra.

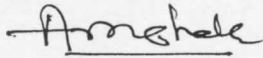
- (10) **Shri P.D. Wankhede**, Sub-Regional Officer, MPCB, Aurangabad and Convener of the Public Hearing Panel asked about any proposal for saving of electricity and water. **Shri Pankaj Agrawal** stated that solar energy is there, but it can not fulfill their requirement. **Shri Wankhede** asked instead of production, whether it can be used for domestic purpose. **Shri Agrawal** stated that they will use the solar energy for street lights. **Shri Wankhede** further asked about the Rain Water Harvesting, upon which **Shri Agrawal** stated that have already proposed for the Rain Water Harvesting and it will be carried out.

Mrs. Seema Mangulkar again asked whether anybody is still having any doubt about the said project, but it seems that the doubts, questions, etc. expressed by the people are cleared. She stated that the minutes of the public hearing is prepared by including representation, suggestions, objections, etc. of the people and submitted to the Ministry of Environment, Forests & Climate Change, Government of India, New Delhi. She stated that one suggestion from Mr. H. Madhubabu from Rural Environment Education And Health Awareness Society, Hyderabad has been received through e-mail regarding today's Public Hearing of M/s. Jailaxmi Casting & Alloys Pvt. Ltd. wherein it is suggested as to take crop pattern details from nearby agriculture land, to reduce the requirement of 166 CMD by providing Rain Water Harvesting, to encourage the people in the surrounding area and to give necessary facility to them, to provide drinking water facility to the nearby people, to form a Co-ordination Committee with the villagers by using CSR Budget and in this way, to help the villagers and to take care of environment, etc. Then, she requested the Chairman to conclude the said public hearing.

Shri Bhanudas Palve, the Additional District Magistrate, Aurangabad and the Chairman of Public Hearing Panel suggested to include the representation received through e-mail in the minutes of public hearing, to inform the same to the public and to consider the same as far as possible. He stated that actually, a notice of public hearing is published through newspapers and the said notice is also affixed in the local area before one month. He further stated that the information regarding proposed expansion of the said factory shall be known to the local people, and not only this, but there are some expectations that the development shall be environment friendly, in accordance with this, there are some guidelines of the Hon'ble Supreme Court and the Public Hearing is organized as per the guidelines of Ministry of Environment, Forests & Climate Change, Government of India, so that proposed project, its expansion, products to be manufactured, required raw material, manpower and accordingly, air pollution, water pollution and control measures to be taken thereof, etc. shall be known to the public is the purpose of Government. He further stated that the Project Consultant has given technical presentation of their proposed project and sufficient opportunity is given to the public participants. He requested the public participants not to leave by keeping any doubt in mind till their

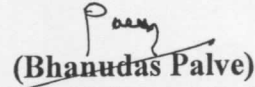
doubts are cleared and stated that not only the public participants, but the MIDC, MPCB, Agriculture Department, Revenue Department will be there to tackle with the issues related with the said project. He suggested the factory management that the suggestions made by the public participants will be considered at their level and the Technical Officers of the company, its Project Consultant will take care so as not to cause any trouble to the people in the surrounding area due to the said factory, its proposed expansion project, air and water generation from the said project, etc. and then, he concluded the Public Hearing with a vote of thanks to all the public participants

Lastly, the Public Hearing ended with a vote of thanks to the **Chair**.



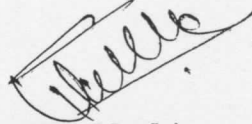
(A.D. Mohekar)

Regional Officer, MPCB,
Aurangabad & Panel Member.



(Bhanudas Palve)

Additional District Magistrate,
Aurangabad & Chairman of Panel.



(P.D. Wankhede)

Sub-Regional Officer, MPCB,
Aurangabad & Convener of Panel.