

MINUTES OF ENVIRONMENTAL PUBLIC HEARING IN RESPECT OF PROPOSED PRODUCTION ENHANCEMENT OF MILD STEEL INGOTS/BILLETS AND/OR MS STRUCTURAL BAR, ANGLE & CHANNELS (PRODUCTS) FROM 800 MTD TO 1800 MTD PROPOSED BY M/S. KALIKA STEEL ALLOYS PVT. LTD. AT PLOT NO. C-7, 8, 9, 10/2, 10/3 & 11, PHASE-I, ADDITIONAL MIDC AREA, JALNA, DIST: JALNA, MAHARASHTRA CONDUCTED ON 19/11/2018 AT 11.00 A.M. AT THE PROPOSED SITE OF FACTORY AT PLOT NO. C-7, 8, 9, 10/2, 10/3 & 11, PHASE-I, ADDITIONAL MIDC AREA, JALNA, DIST: JALNA, MAHARASHTRA.

An environmental public hearing in respect of proposed **Production Enhancement of Mild Steel Ingots/Billets and/or MS Structural Bar, Angle & Channel (Products) from 800 MTD to 1800 MTD** proposed by M/s. Kalika Steel Alloys Pvt. Ltd., at Plot No. C-7, 8, 9, 10/2, 10/3 & 11, Phase-I, Additional MIDC Area, Jalna, Dist: Jalna, Maharashtra was conducted on 19/11/2018 at 11.00 a.m. at the proposed site of factory of M/s. Kalika Steel Alloys Pvt. Ltd., at Plot No. C-7, 8, 9, 10/2, 10/3 & 11, Phase-I, Additional MIDC Area, Jalna, Dist: Jalna, Maharashtra.

Following panel members were present during the public hearing :

Shri Ravindra Binwade, District Magistrate, Jalna,	Chairman.
Shri Rajesh Joshi Additional District Magistrate, Jalna,	
Shri A.D. Mohekar, Regional Officer, MPCB, Aurangabad.	Member.
Shri V.P. Shelke, Sub-Regional Officer, MPCB, Jalna.	Convener.

A list of members and public participants present for Public Hearing is annexed herewith. All those present were given welcome by the Convener. Then, **Shri V.P. Shelke**, Sub-Regional Officer, MPCB, Jalna and Convener of Public Hearing Panel with the permission of the Chairman of Public Hearing Panel narrated the procedure to be followed for obtaining environmental clearance by explaining the provisions of the MoEFCC, Government of India Notification No. S.O: 1533 dated 14th September, 2006 and amended Notification No. S.O 3067 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 Public Hearing till fresh notice issued by MPCB in the local newspapers Daily Lokmat Times (English) and Daily Sakal (Marathi) dated 13/10/2018. He stated that the proposed project of **Production Enhancement of Mild Steel Ingots/Billets and/or MS Structural Bar, Angle & Channel (Products) from 800 MTD to 1800 MTD** falls under 'B' Category of the said Notification, which require environmental Clearance from the MoEFCC, Government of India, New Delhi, hence it is necessary to conduct the public hearing for the said project. He further stated that as per the said notification, the copies of EIA Report and Executive Summary of the proposed project in English and Marathi were placed at various Government Offices, viz. Collector Office, Jalna,

Zilla Parishad, Jalna, District Industries Centre, Jalna, Tehsil Office, Jalna, Maharashtra Industrial Development Corporation, Jalna, etc. for studying and people were requested to record suggestions, objections, if any regarding the said project within 30 days from the publicity of advertisement of the said project in the newspapers, accordingly, three objections and suggestions are received. Thereafter, he requested the Technical Consultant of the project with the permission of the Chairman of Public Hearing Panel to brief the technical presentation of their proposed project. He also requested the public participants that if anybody is having any objection, suggestion, etc. about the said project, same can be expressed by telling their name and address after the technical presentation.

Then, the Technical Consultant of the project, **Mrs. Bharati Chavan** from M/s. Enviro Resources, Pune started the power point presentation of the proposed project and stated that M/s. Kalika Steel Alloys Pvt. Ltd. is a revolutionary company in steel making in the modern India. The said company has been established in the year 2003 and the existing production capacity of the said company is 800 TPD for which the company has already obtained environmental permission from SEAC on 30/09/2014 and now it has proposed the expansion from 800 TPD to 1800 TPD. She showed the map showing the project site and while briefing about the necessity of the project, she stated that it is expected that India would be second numbered country in the World in the Steel Production Sector upto the year 2030 and there is possibility of increase in sale of steel on a large scale due to the demand from Automobile, Railway, Transportation Sectors, etc. in India. She stated that the Directors of M/s. Kalika Steel Alloys Pvt. Ltd. Are economically sound and having vast experience in the field of steel production and it is expected to make the steel more cheaper due to increasing level of production due to which there is the possibility of increase in sale behind per person. She showed the Google image showing the project area within the radius of 10 km. and Toposheet map of study area. She stated that the raw material required for the proposed project will be 1052.12 TPD, which will be made available from local area and brought at the site by road and as reported earlier, the production capacity will be from 800 TPD to 1800 TPD. She further showed the map showing the proposed project and stated that total area for the said project is 6.5 hectares out of which 33% area will be used for green belt development for which entry, exit and parking area will be provided separately.

While briefing about the manufacturing process, **Mrs. Bharati** stated that production is taken by very simple process, the raw material available in local market is brought at site by road, which is melted through induction furnace and after taking various testing the required billets can be produced. She briefed the details of project details and stated the production capacity of M.S. Ingots/Billets and/or M.S. Structural Bar, Angle & Channels will be expanded from existing 800 TPD to 1800 TPD, the manpower will be increased from existing 300 to 900 Nos., furnace stack of 35 meter is already in existence and the another furnace stack of 45 meter will be provided, total water required will be 326 KLD and the effluent generation will be 69 KLD and after treatment, the waste water will be reused in the process partly and remaining will be used for green belt development.

She briefed about the existing environmental condition and stated that they have chosen the period of October, 2017 to December, 2017 for conducting environmental study and carried out the study about air, ground water, surface water, noise, soil in the project area. During the study they observed that the concentration of particulate matter, i.e. PM₁₀ & PM_{2.5} as well as all other pollutants in the area is within the prescribed standards. During the course of presentation,

the Shri Ravindra Binwade, the District Magistrate, Jalna & the Chairman of Public Hearing Panel asked about the Prescribed Standards and by how many percent, it is less than the Prescribed Standards. Bharati reported that Prescribed Standards for PM₁₀ & PM_{2.5} is 100 µg/Nm³ and 60 µg/Nm³ respectively and the concentration of the same is as 68.63 to 40.12 µg/Nm³ and 39.96 to 12.68 µg/Nm³ respectively.

She further stated that the measures proposed for keeping the climate safety are as to limit the speed of vehicle in the area upto 15 km/hr., the other raw material except scrap will be brought in closed container so as to reduce the dust, no hook will be used for lifting the goods, crain, tackles and forklift truck will be used for loading and unloading of goods and the personal protective equipment will be essential for the employees on all the floors.

While briefing about Disaster Management Plan, she stated that for handling of hazardous process for the industry, the on-site and off-site disaster plans, which are important, will be prepared, care will be taken for the safety of the people in the surrounding area in any disaster situation during the operational phase of the project. Disaster Management Plan, Off-site Emergency Management Plan and Command Communication & Control system will be established at the project site. As far as Emergency is concerned, she stated that Regular Study about Emergency will be conducted, Communication Gazette – Code on Emergency Management Society – Shift & Off-shift with Fixed Responsibility, Manual Call Points, Heater/Biken with Walky-Talky and the place for coming together will be provided, Division and Maps will be prepared for knowing the employees, training will be given to them so that they can do proper action whenever there will be any emergency situation and awareness programmes will be conducted for the local people.

She briefed about the Environmental Management Plan and stated that as reported earlier planning will be done for air environment, water environment, solid waste management, noise environment, bio environment and socio-economic environment.

She further briefed about the expenditure towards Environment Management and stated that Rs. 375.00 Lakh will be spent for the same which includes Emission Control Engineering, Water & Waste Water Management, Green Belt Development, Environment Monitoring, Environment Cell & Public Contact, Rain Water Harvesting, Safety, Security, etc. and the Recurring Expenditure for the same will be Rs. 44.64 Lakh per year.

While briefing about the Summary and Conclusion of the project, she stated that the project is very large for the Maharashtra State, there is possibility of improvement in the social and economic condition in the area of State of Maharashtra, for control of disaster situation trained employees will be provided, regular maintenance will be carried out and Standard Operating Procedure will be adopted, negligible effect on buffer zone, positive impact and there will be the development of the area through all mouths (*chahumukhi*) and then she concluded the power point presentation of the proposed project.

Then, Shri Ravindra Binwade, the District Magistrate, Jalna & the Chairman of Public Hearing Panel stated that some objections and suggestions are received, which will be read and it will be ensured whether the objections taking persons are they themselves those have taken the objections or otherwise and for which the MPCB officials will conduct further presentation in this behalf.

Shri V.P. Shelke, Sub-Regional Officer, MPCB, Jalna & Convener of the Public Hearing Panel stated that first objection is of Dr. Prashant Kulkarni, Ph.D., Environmental Engineering, Aurangabad in which he says that (1) The Environment Impact Assessment Report (EIA Report) prepared by the Project Proponent is not as per the NABET Guidelines. (2) The guidelines of Terms of References (TOR) issued before the EIA report are not followed. (3) There are 15 steel plants and 25 rolling mills in Jalna MIDC Area, which contribute air pollution and the NAAQM station near MIDC show that the PM_{10} and $PM_{2.5}$ exceeding the norms, but it is not mentioned in the consultant report. (4) There is generation of huge quantity of slag from this unit and from all such units in MIDC Area. The slag disposal is not mentioned properly and there is no plan for scientific disposal of the same. The unit says that the slag can be used for brick manufacturing, however no such evidence is presented. (5) The factory has to provide 33% of total area for green belt development, but from the Google image, it can be seen that there is no development of green belt by the factory. (6) The manufacturing process involves huge amount of heat and dust. The EIA report does not mention action to avoid health hazards for the workers. Then, **Shri Shelke** handed over the said objections to the Project Proponent/Technical Consultant of the project for answering and stated that if Dr. Prashaant Kulkarni is present in the public hearing, he may brief his objections in detail, but Dr. Kulkarni was not present in the public hearing.

Second objection is from Panthers Republican Party, Jalna in which it is mentioned that environmental public hearing is to be conducted on 19/11/2018 & 26/11/2018 for M/s. Kalika Steel Alloy Pvt. Ltd., M/s. Geetai Steels Pvt. Ltd., and M/s. Rajuri Steels Pvt. Ltd., but as these industries cause pollution further permission shall not be given to them.

There is one suggestion from Mr. H. Madhubababu, Andhra Pradesh in which he says that the Environment Consultant M/s. Enviro Resources has prepared EIA Report covering the study area of 10 km. radius of the project, location of ambient air quality, noise level monitoring, collection of water samples, soil samples, etc. as per the CPCB norms and it is satisfactory. It is also suggested that to take health status of village people in the area of 10 km. radius of the project, to take details of crop production in the nearby agriculture land, etc. and then **Shri Shelke** handed over the said suggestion to the Project Proponent.

Then, **Shri V.P. Shelke**, Sub-Regional Officer, MPCB, Jalna & Convener of Public Hearing stated that all of us have seen the technical presentation of the proposed project and then he requested the public participants that if anybody is having any doubt, objections or suggestion, etc. about the proposed project, they may ask the same by telling their own name and address.

Prior to ask questions by the public participants, the **Shri Timir Shah**, the Project Consultant stated that he would like to answer the objections/suggestions received, upon which **Shri Ravindra Binwade**, the District Magistrate, Jalna & Chairman of Public Hearing Panel suggested him to go one by one for those objections/suggestions and reminded that the first objection is that the EIA Report is not as per the NABET guidelines. **Shri Shah** replied that the EIA report is prepared as per NABET guidelines, but it is demanded for a certain one page undertaking, which is already submitted, however, he stated that said undertaking will be

provided once again, upon which, **Shri Binwade** suggested to ensure that the Environment Impact Assessment Report shall be as per the NABET guidelines, which is the first objection and it is agreed by the Project Proponent. Second objection reminded by **Shri Binwade** is that the Project Proponent has not submitted the TOR compliance report. **Shri Shah** clarified that they have to submit the TOR compliance as an additional document for which **Shri Suresh Kumar** (R.O., Nagpur) has given them the TOR compliance report which will be submitted. **Shri Binwade** reminded the objection regarding non-submission of certified copy of compliance report of EC conditions of previous plant, **Shri Shah** clarified that **Shri Suresh Kumar** has visited their site, observed all the things and after receiving compliance report from him, it will be submitted. **Shri Binwade** after asking about the objection regarding non-submission of CTO compliance, **Shri Shah** stated that said report has been called. **Shri Binwade** suggested the Project Proponent to brief about the objection regarding 15 steel plants and 25 rolling mills in Jalna MIDC, then **Shri Shah** stated that he can not speak about all other steel plants and rolling mills, however, he stated that they have provided induction furnace in their plant, M/s. Kalika Steel Alloys Pvt. Ltd. and in the proposed expansion project they have proposed to install electrical induction furnace, which is a new and state-of-art technology due which there will be no air pollution, and the said furnace will be provided with venturi scrubber followed by wet scrubber as air pollution control devices; and new stack of 45 m. height will be provided so that the smoke will be dispersed at high level into the atmosphere and it will not come down at earth level and will not cause any health hazard to the people in the area. **Shri Binwade** reminded one more objection that the Project Proponent does not have any Slag Disposal Plan. **Shri Shah** clarified that as there will be increase in slag generation due to proposed expansion project they have proposed to provide Slag Crushing Plant. He stated that there will be generation of 90 MT/day of Slag from the 1800 MT/day capacity of plant and the iron contents in the slag to the tune of 1 to 2% is separated through magnetic field and remaining material being non-hazardous in nature is given to brick manufacturer/road makers after crushing. **Shri Binwade** asked about the objection regarding non-development of green belt on 33% of total area. **Shri Shah** stated that earlier area was not available with the factory management for development of Green Belt on 33% of the area, however, they have purchased additional 2 – 3 plots for the expansion project and as it is mandatory, 33% area will be covered under Green Belt Development. Besides this, he stated that they are in touch with the MIDC for avenue plantation.

Shri Binwade pointed out that the Project Proponent is having huge water requirement, but use of ground water will not be permitted as it will affect the nearby people, bore wells, etc. **Shri Shah** clarified that they are having the source of water from lake, pond, but they are going to provide another facilities, i.e. Sewage Treatment Plant (STP) of 40 KLPD and Effluent Treatment Plant (ETP) of 30 KLPD capacity due to which the requirement will be reduced automatically by 60 to 70 CMD because after treatment the water generated from ETP will be reused in the plant and water from STP will be reused for green belt development and therefore no ground water will be used for the said project.

Shri Shah reported that there is one suggestion from **Shri H. Madhubabu** in which it is mentioned that the study in the area of 10 km. radius is satisfactory and for other suggestion for taking the details of crop production of nearby agriculture land, he clarified that they are not producing any hazardous material in their plant, the slag generated is non-hazardous in nature which will be crushed and used in road construction, hence there will be no any problem to the

agricultural crop due their plant. He stated that they have already clarified regarding the point related with the use of ground water. As far as the point regarding utilization of waste water for plantation, sprinkling on roads, etc. he stated that they will use the water from STP for plantation, greenery, etc. He further stated that they will increase the green belt more than 33% as far as possible as per the suggestion made by Shri H. Madhubabu. He further read another suggestion for taking avenue plantation in the nearby villages, road side, which will save the environment. **Shri Binwade** stated that the Suggestion No. 9 is very good that the Project Proponent can take some activities under CSR, which will help in reducing pollution, increasing green cover and making drinking water available to nearby villages. **Shri Shah** agreed for the same and read the other suggestions given by Shri H. Madhubabu like providing drinking water to nearby villages, good education to nearby village children, to develop main roads and street roads, project will contribute additional revenue to the State & Central Govt. under the CSR activities and stated that same will be accepted by the Project Proponent.

Shri Binwade pointed out that here there are general citizens in the public hearing and a brief discussion took place in English and Hindi, hence he asked that those have not understood the said discussion, they may ask right now because then there shall be no objection regarding non-understanding the discussion in English. He stated that every point will be told in Marathi.

Meantime, **Shri Shah** stated that a letter has been received in which it is mentioned that the steel plants namely M/s. Kalika Steel, Geetai Steel & M/s. Rajuri Steel of which the public hearing is to be conducted on 19/11/2018, i.e. today and on 26/11/2018, these industries causing pollution, hence it shall be thought before granting permission to these industries. He answered that they will adopt new technology like induction furnace so that there shall be less pollution. He also stated that they will provide the air pollution control equipment like venturi scrubber, wet scrubber and stack of 45 meter height and due to adoption of new system, pollution problems will be reduced and the National Ambient Air Quality Monitoring Standards will be maintained.

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

1. **Shri Ravindra Binwade**, the District Magistrate, Jalna & the Chairman of Public Hearing Panel stated that recently he has read in newspaper that China is installing Air Purification Plant, then he asked whether it is possible practically to take some initiatives for the same on the similar line of China. **Shri Shah** reported that it will be possible upto some extent if all the 15 steel plants, 25 rolling mills and other industries in Jalna MIDC will do something jointly under CSR activities and it is not possible for a single industry.
2. **Shri Aleem Nawab Shaikh**, a resident of nearby village Nidhona, Tq. & Dist: Jalna stated that the workers and employees will be required on a large scale for the proposed project, then he asked about the planning proposed by the factory management for their health and providing first aid to them. **Shri Govind Goyal**,

the Director of the said project reported that they have already appointed a doctor for their labour and employees at their plant, one clinic equipped with medical facilities has been provided in the plant as a first aid where treatment is given to the patients (worker/employees) and whatever expenditure required is borne by the factory management. He stated that simultaneously medical camps are taken regularly and also the medical camp at M/s. Ganpati Netralaya located in the area are taken for eye diseases of the workers/employees and spectacles provided to them at reasonable costs efforts are taken so as to maintain the health of workers/employees. **Shri Binwade** pointed out that there is one Insurance Scheme namely *Pradhan Mantri Jeevan Jyoti Bima Yojana* and the premium under said scheme is very less, i.e. ^{approx} Rs. 330/- per year per person, hence he suggested to apply the said scheme for the workers/employees and it is agreed by the Project Proponent.


3. **Shri Shaikh Nawab Dadabhai**, a resident of nearby village Nidhona, Tq. & Dist: Jalna asked that how many the workers required for the project will be made available. **Shri Manoj Jindal**, the Director of said project stated that employment will be made available for about more than 600 persons in the proposed project and it will be their effort to give preference for the local people for more and more employment. He also stated that they will take effort for organizing Skill Development and Labour Welfare Programmes.
4. **Shaikh Sardar Shaikh Babubhai**, a resident of nearby village Nidhona, Tq. & Dist: Jalna asked about the disposal of waste water to be generated from the proposed project. **Shri Shah** reported that there will be generation of 70 CMD of waste water from the said project out of 40 CMD will be treated in Sewage Treatment Plant and the treated effluent will be used for development of 33% Green Belt and 30 CMD of waste water will be treated in Effluent Treatment Plant and the treated effluent will be reused in the plant and it is their aim to achieve Zero Liquid Discharge and they will not discharge a single litre of waste water on open land or in the water bodies.
5. **Shri Deepak Admane**, Deputy Sarpanch, Grampanchayat Ambedkarwadi, Tq. & Dist: Jalna asked about the generation and disposal of slag from the proposed project and whether it cause health hazard to the people. **Shri Goyal** clarified that as reported earlier by their Project Consultant, about 90 MT/day of slag will be generated from the proposed project which contains some iron particles which will be separated through magnetic field and reused in process, remaining material will be crushed in the Crusher and then it will be used in civil construction and as it is non-hazardous in nature, it will not cause any health hazard or adverse impact on environment.
6. **Shri Gorakh Pangduwale**, Member of Grampanchayat, Nidhona, Tq. & Dist: Jalna asked that which raw material required for the said project and from where it will be made available. **Shri Jindal** reported that mostly they purchase the raw

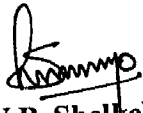
material, i.e. iron/scrap from local area and if required they also import the raw material and the iron and other material procure from Raipur and Bellori.

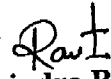
7. **Shri Anil Chittekhar**, a Social Worker, resident of nearby village Nidhona, Tq. & Dist: Jalna. stated that instead of asking the public participants, the Collector Saheb shall give attention on all these things and it should be understood to the people in Jalna district regarding pollution because sometimes, it is spoken in English. Then, **Bharati Chavan** clarified in Marathi language and stated that after conducting the study for noise pollution, air pollution, water pollution, they observed that there will be no more increase in pollution due to the said project. She stated that after commissioning of the project, if there will be air pollution, they have proposed to install venturi scrubber due to which dust will not emitted. For control of noise pollution, she stated that plantation will be provided in the area. As far as waste water is concerned, she stated that it will be treated and reused in the plant for process and gardening due to which no waste water will be discharged outside the factory premises and no any water body will be affected.
8. **Shri Ghanshyam Goyal**, the Chairman of the project pointed out that the Collector Saheb has suggested a technology of Air Purification Plant on the similar lines of China for which he assured that he will take effort through Steel Industries Association for providing such plant in Jalna.
9. **Shri H. Madhubabu**, Environmental Volunteer from Hyderabad stated that he has some suggestions for the Project Proponent regarding tree plantation, etc. which are already given to the concerned, however, he again suggested to maintain the effluent treatment plant regularly.

Shri Ravindra Binwade, the District Magistrate, Jalna & the Chairman of Public Hearing Panel stated that the objections, suggestions, given by the people in the area of 10 km. radius are recorded, the factory management have also given clarification satisfactorily and if there is no clarification on certain issues, the clarification on such issues will be submitted by the Factory Management in writing. **Shri Binwade** stated that still if anybody is having any objection/suggestion regarding the said project, they are allowed. Then, after observing that nobody is having any objection or suggestion, **Dr. Yogini Balankhe**, Field Officer from MPCB, Jalna with the permission of the Chairman of Public Hearing Panel 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)
Member.


(V.P. Shelke)
Convener.


(Ravindra Binwade)
Chairman.
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