

Proceedings of the Public Hearing conducted for District Fatehgarh Sahib on 04.10.2018 at 03.00 PM in connection with application filed by M/s Madhav Alloys Pvt. Ltd., for obtaining environmental clearance under EIA Notification dated 14.09.2006 for the proposed expansion in the existing premises located jointly in the revenue estate of Village Bhagwanpur, Tehsil Amlah, District Fatehgarh Sahib and Village Akalgarh, Tehsil Nabha, District Patiala.

The following were present to supervise the proceedings:-

1. Sh. Jaspreet Singh, IAS
Additional Deputy Commissioner,
Fatehgarh Sahib
2. Sh. Parveen Kumar Saluja,
Environmental Engineer (Mega)
Punjab Pollution Control Board, Patiala.
3. Sh. Vijay Kumar,
Environmental Engineer,
Punjab Pollution Control Board,
Regional Office, Fatehgarh Sahib.

Environmental Engineer (Mega), Punjab Pollution Control Board, Patiala welcomed the Supervising-cum-Presiding Officer and people from adjoining towns/villages, who came to attend the public hearing for **District Fatehgarh Sahib** of this project for the proposed expansion in the existing premises located jointly in the revenue estate of Village Bhagwanpur, Tehsil Amlah, District Fatehgarh Sahib, and Village Akalgarh, Tehsil Nabha, District Patiala. He informed that an application was filed by M/s Madhav Alloys Pvt. Ltd., with the State Level Environment Impact Assessment Authority (SEIAA), Punjab for getting Environmental Clearance under EIA notification no. 1533 (E) dated 14.9.2006 to carry out expansion of its existing unit for manufacturing of steel ingots/billets from 3,00,000 TPA to 5,25,000 TPA by installing another induction furnace of 25 TPH capacity in addition to 2 No. Induction Furnaces of 25 TPH capacity each (Total 3x25 TPH Induction Furnaces, LRF & CCM) and to also to enhance the capacity of TMT Bars from 2,50,000 TPA to 5,25,000 TPA by upgrading the existing Rolling Mill, in the existing premises located jointly in the

revenue estates of Bhagwanpur, Tehsil Amlah, District Fatehgarh Sahib and Village Akalgarh, Tehsil Nabha, District Patiala. After considering the application of the industry, the SEIAA, Punjab had issued 'Terms of Reference' to the industry for preparation of draft EIA study report. Now, the industry has submitted draft EIA report to the Punjab Pollution Control Board for conducting public hearing of the project as per the procedure prescribed in the EIA Notification dated 14.09.2006. Environmental Engineer (Mega) apprised the public present there about the requirement of conducting the public hearing before deciding the application filed by the industry for getting the said clearance for carrying out expansion at the said site. He also brought into the notice of public that a copy of the draft EIA report alongwith the executive summary of the same submitted by the industry to the Punjab Pollution Control Board was placed in the office of Deputy Commissioner, Fatehgarh Sahib; General Manager District Industrial Centre, Fatehgarh Sahib at Mandi Gobindgarh; E.O., M.C. Amlah; Regional Office of MoEF&CC at Chandigarh; Environmental Engineer, Punjab Pollution Control Board Regional Office, Fatehgarh Sahib for access to the public and other stakeholders. He further brought out that a notice of public hearing was published in two prominent newspapers namely, The Hindustan Times (English daily) Ajit (Punjabi daily) on 30.08.2018 to make the public aware of the date, time & venue of the public hearing and about the places/offices, where the public could access the draft EIA report and its executive summary report before the said hearing. Thereafter, he requested the representative of the project proponent, who is the Environmental Consultant of industry to elaborate about the main features of the project and the draft EIA studyreport.

Environmental consultant of the project proponent brought out the details of the expansion plan of the project before the public as under:

1. Name of the Project : M/s Madhav Alloys (P) Ltd
2. Type of project : Steel Manufacturing Unit (Expansion)
3. Location : Located jointly in Village Bhagwanpur, Tehsil Amlah, District Fatehgarh Sahib and Village Akalgarh, Tehsil Nabha, District

- Patiala.
4. Furnaces : Existing - 2 X 25 TPH
Proposed - 1 X 25 TPH
Total - 3X 25 TPH
5. Rolling Mill : 1 No.
6. Features within 10 km radius : i) Archaeological important places Nil
ii) Wildlife sanctuaries Nil
iii) Reserved/Protected forest Nil
iv) Historical places Nil
v) River/Canal Nil
vi) Industries Mixed
7. Total land : About 22.08 acres. No additional land required for expansion.

8. Product Name	Existing TPA	Additional (TPA)	Total (TPA)
Steel ingot/billets	3,00,000	2,25,000	5,25,000
TMT bars	2,50,000	2,75,000	5,25,000

9.

Raw material/sources

Description	Existing TPA	Additional (TPA)	Total (TPA)
MS scrap	2,80,700	2,12,150	4,92,850
Ferro alloys & sponge, DRI	49,000	35,450	84,450
Source transportation	& Local & International markets & transport through covered trucks.		

10. No. of workers Existing = 648, Proposed = 104, Total 752
11. Cost of the project Existing Rs. 125 Crores, Proposed Rs.12.70 Crores, Total Rs.138.15 Crores
12. Cost of pollution control system Rs. 150 Lacs
13. Power requirement (MW) Existing 30 MW, Additional 11 MW, Total 41 KW
14. Source of power From Punjab State Power Corporation Ltd.,
15. Water requirement
- | | Existing | Additional | Total |
|----------|-----------------|-------------------|--------------|
| Domestic | 32 KLD | 5.0 KLD | 37.0 KLD |
| Cooling | 150.0 KLD | 75 KLD | 225.0 KLD |
| Total | 212.0 KLD | 95.0 KLD | 307.0 KLD |
16. Effluent Quantity Domestic Water = 75 m³/day
Cooling = Recirculation
17. Effluent Treatment Domestic – treated through septic tank and used on land for plantation & landscaping within the premises.
18. Ambient Air quality The PM_{2.5}, PM₁₀, SO₂, NO₂ and CO levels were monitored at eight locations in the study area for three months (March- May, 2018). The P 98 levels of criteria pollutants are as follows: PM_{2.5} is 51.14µg/m³, PM₁₀ is 87.70 µg/m³, SO₂ is 12.19 µg/m³, NO₂ is 63.42 µg/m³ and CO is 0.64 mg/m³. The baseline air quality levels are within the National Ambient Air Quality Standards prescribed for residential and industrial area (Standards are 60, 100, 80 and 80µg/m³ for

PM_{2.5}, PM₁₀, SO₂ and NO₂ respectively). Proposed expansion will have less impact than existing one.

19. Water quality

Eight groundwater samples and one surface water sample were collected from the study area for chemical and biological analysis. The groundwater qualities of the study area are satisfactory. No metallic or bacterial contamination was found in the water quality. But bacterial contamination is found in surface water.

20. Noise Environment

Ambient noise levels were monitored at 8 locations in the study area. Noise levels in the study area vary from 46.6 dB (A) to 73.8 dB (A) in day time and 35.6 dB (A) to 68.5 dB (A). The highest levels were observed at Project Site. The baseline noise levels are well within the National Standards. Proposed expansion will have less impact than existing one due to better pollution control facility.

21. Soil environment

Two soil samples were collected from the study area and analyzed. The texture of soil is sandy loam. The organic matter, nitrogen, potassium and phosphorus content of the soil are moderate. The pH of all the soil samples is within the acceptable range. No impact on soil will be there for proposed plant.

22. Air Pollution Control

Induction Furnace – Spark arrestor, pulsejet Bag Filter

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|---------------------|---|
| 23. Solid Waste | Slag from furnace |
| 24. Hazardous | Solids form APCD will be disposed off at designated TSDF site. Used oil from DG Set will be stored in drum and given to recycler. |
| 25. Monitoring Cell | Monitoring will be carried out by the Cell consisting of:-
<ol style="list-style-type: none">1. Owner2. Project Incharge3. Environment Consultants |
| 26. CSR Activities | The Company has plan to spend Rs.1.25 CSR activities and plan to plant over 40,000 fruiting trees, 20,000 Laxmi Taru (Medical Plant) trees and Train over 12,000 women and 2000 Youth in various Skills in the nearby area. |
| 27. CER activities | The company will also propose to take up more activity on account of corporate environment responsibility (CER) activity after expansion as per OM No. F. No. 22-65/ 2017-IA.III dated 01.05.2018 issued by the MoEF&CC, New Delhi. |

Thereafter, Environmental Engineer brought into the notice of public present at the venue of hearing that as per the provisions of EIA notification dated 14.09.2006, as amended from time to time, the persons present at the venue may seek any information or clarifications on the proposed expansion project from the project promoter. It was also brought into the notice of the persons present there that the information or clarifications sought by them and reply given by the project proponent will be recorded in the proceedings of the hearing, which will be sent to SEIAA, Punjab for further consideration. Accordingly, he requested the persons present in the hearing to seek information or clarifications on the project one by one. He also informed that no information / clarifications / comments / views / suggestions / objections on the project have been received from the public in writing by the Board, so far.

Thereupon, the detail of the information/ clarifications sought by the persons present at the venue of hearing and the reply given by the project proponent is as under:

Sr. No.	Name & address of the person	Detail of query/ statement / information / clarification sought by the person present	Reply of the query / statement / information / clarification given by the project proponent
1.	Sh. Gurvinder Singh, Village Bhari Bhanaichan, Tehsil Nabha, District Patiala	He wanted to know how many workers are presently working in the industry and how many more persons are required after expansion. Whether the employment will be given to the local people.	Environmental Consultant of the company informed that at present 648 persons are working in the industry. Another 104 no. workers will be employed for expansion project and the preference will be given to the local persons as per their qualification.

Then the Environmental Engineer (Mega), Punjab Pollution Control Board requested the public, that if anyone else want to ask any more question about the proposed expansion project, he may come forward, but no one came forward. After that people were asked to raise their hands who are in favour of this expansion project and more than 60% of the people present raised hands in favor of this project. The public hearing was attended by 87 persons.

The public hearing ended with vote of thanks to the chair.

(Vijay Kumar)
Environmental Engineer,
Punjab Pollution Control Board,
Regional Office, Fatehgarh Sahib

(Parveen Kumar Saluja)
Environmental Engineer (Mega)
Punjab Pollution Control Board,
Patiala.

(Jaspreet Singh), IAS
Addl. Deputy Commissioner,
Fatehgarh Sahib