

Proceedings of the Public Hearing conducted on 13.08.2018 in connection with application filed by M/s Chopra Alloys for obtaining environmental clearance under EIA Notification dated 14.09.2006 for the proposed expansion in the existing premises located in the revenue estate of Village Alour, Bhadla Road, Khanna, District Ludhiana.

The following were present to supervise the proceedings:-

1. Sh. Ajay Sood, PCS,
Additional Deputy Commissioner,
Khanna, District Ludhiana.
2. Sh. Rajeev Sharma,
Environmental Engineer (Mega)
Punjab Pollution Control Board, Patiala.
3. Sh. Rakesh 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 of this project for the proposed expansion in the existing premises located in the revenue estate of Village Alour, Bhadla Road, Khanna, District Ludhiana. He informed that an application was filed by M/s Chopra Alloys, Village Alour, Bhadla Road, Khanna, District Ludhiana 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 29,520 TPA to 2,52,000 TPA by replacing existing 7 TPH induction furnace with one induction furnace of 10 TPH capacity and 2 No. induction furnaces of 20 TPH capacity each and also to install a Rolling Mill for the manufacturing of Round, Square, TMT/MS Bars, Angle, channel & flats @ 1,80,000 TPA in the existing premises located in an area of 3 acres in the revenue estate of Village Alour, Bhadla Road, Tehsil Khanna, District Ludhiana. 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, Ludhiana; General Manager District Industrial Centre, Ludhiana; E.O., M.C. Khanna; Regional Office of MoEF&CC at Chandigarh; Environmental Engineer, Regional Office, Punjab Pollution Control Board, 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 Tribune dated 11.07.2018 and Punjabi daily Ajit on 10.07.2018 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:

Name of the Project	:	M/s Chopra Alloys
Type of Project :		Steel Manufacturing Unit (Expansion)
Location	:	Village- Alour, Bhadla Road Tehsil Khanna, District Ludhiana (Punjab).
Furnaces	:	Existing- 1 X 7 TPH (Induction furnace) Proposed- 2 Nos of Induction furnaces (1X 20TPH & 1X 10TPH)

Rolling Mill : 1 No.

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	Bhakhra canal
vi) Industries	Mixed

Total land : About 3 acres (No additional land required for expansion)

Product Name	Existing TPA	Additional (TPA)	Total (TPA)
Steel ingot/billets	(-) 29,520	(+) 2,52,000	2,52,000
Round, square, TMT/MS bars, angle, channel, Flats	Nil	1,80,000	1,80,000

Raw material/sources

MS scrap (TPA)	(-) 31,492	(+) 2,82,350	2,82,350
Ferro Alloys (TPA)	(-) 188	(+) 1150	1150

Source & Transportation : Local & International markets and transport through covered trucks.

No. of workers : Existing = 40, Proposed = 15, Total 55

Cost of the project : Existing Rs.4.53 Crores, Proposed Rs.26 Crores, Total Rs.30.53 Crores

Cost of pollution control system : Rs.60 Lacs and Rs.10 Lacs per annum (recurring).

Power requirement : Existing 4,000 KVA, Additional 18,000 KVA, Total 22,000 KVA

Source of power : From Punjab State Power Corporation Ltd.,

Water requirement	Existing	Additional	Total	
	Domestic	2.5 KLD	2.0 KLD	4.5 KLD
	Cooling	7.5 KLD	68 KLD	75.5 KLD
	Total	10 KLD	70 KLD	80 KLD
Effluent Quantity	Domestic Water = 8.0 m ³ /day			
	Cooling = Recirculation			
Effluent Treatment	Domestic – treated through septic tank and used on land for plantation & landscaping within the premises.			
Ambient Air quality	<p>The PM_{2.5}, PM₁₀, SO₂, NO₂ and CO levels were monitored at eight locations in the study area for three months (Feb- April, 2018). The levels of criteria pollutants are as follows: PM_{2.5} is 54.5µg/m³, PM₁₀ is 96.8 µg/m³, SO₂ is 17.7 µg/m³, NO₂ is 48.4 µg/m³ and CO is 0.62 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.</p>			
Water quality	<p>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.</p>			

Noise Environment	Ambient noise levels were monitored at 8 locations in the study area. Noise levels in the study area vary from 47.4 dB (A) to 71.4 dB (A) in day time and 37.4 dB (A) to 69.4 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.
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.
Air Pollution Control	<ol style="list-style-type: none">1. Induction/Arc Furnace - Bag Filters2. Rolling Mill - Wet Scrubber
Solid Waste	Slag From Furnace
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.
Monitoring Cell	Monitoring will be carried out by the Cell consisting of:- <ol style="list-style-type: none">1. Owner2. Project Incharge3. Environment Consultants

16. Rs.26 lacs will be spent for implementation of activities on Corporate Social Responsibility.

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. Avtar Singh, Member Panchayat (Panch), Village Alour, Tehsil Khanna, District Ludhiana	1. He wanted to know what preventions will be taken to control the air emissions and water pollution from the factory. 2. After listening to the reply given by the Environmental Consultant of the	Environmental Consultant of the industry informed that bag filter of latest technology will be provided as APCD to control the air emissions from the unit and the air emissions to be discharged by the

		promoter company, he stated that in case the steps as proposed are taken to control the water & air pollution, then they have no objection for the expansion project.	industry will be within prescribed standards. He further informed that entire water will be recirculated and no wastewater will be discharged outside the premises of the industry and the unit will be zero liquid discharge (ZLD). The domestic effluent after treating it in septic tank will be discharged to the tree plantation.
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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 most of the people present raised hands in favor of this project. He then asked the people to raise their hands who are not in favour of the project and no one present in the public hearing raised his hands in disfavor of the project. The public hearing was attended by 46 persons.

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

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

(Rajeev Sharma)
Environmental Engineer
(Mega)
Punjab Pollution Control
Board, Patiala.

(Ajay Sood), PCS
Addl. Deputy Commissioner,
Khanna, District Ludhiana