

Proceedings of the public hearing conducted on 02.07.2019 in connection with application filed by M/s Chopra Steel & Agro Industries, 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. Prof. Jaspal Singh Gill, PCS,
Additional Deputy Commissioner,
Khanna, District Ludhiana.
2. Dr. Manohar Lal Chauhan,
Environmental Engineer (Mega)
Punjab Pollution Control Board, Patiala.
3. Er. 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 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 Steel & Agro Industries 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 billets/ingots @ 2,10,000 TPA and Rounds, square, TMT/MS Bars, angle channel, flats etc. @ 1,80,000 TPA (after expansion) by replacing the existing induction furnace of 7 TPH with 3 No. induction furnaces of capacity 2x20 TPH & 1x10 TPH, LRF, Concast and one No. Rolling mill, in the existing premises located in an area of 2.8 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 three prominent newspapers namely, Hindustan Times (English Daily) and Jagbani & (daily Punjabi) dated 31.05.2019 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 study report.

Sh. R.S. Rana of M/s CPTL, Chandigarh, 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 Chopra Steel & Agro Industries
2.	Type of project :		Steel Manufacturing Unit (Expansion)
3.	Location	:	Village Alour, Bhadla Road, Tehsil Khanna, District Ludhiana.
4.	Furnaces	:	(i) Existing : 1x7 TPH (to be replaced) (ii) Proposed : 1x10, 2x20 TPH Induction furnaces, LRF, Concast & Rolling Mill (iii) Total : 1x10, 2x20 TPH Induction furnaces, LRF, Concast & Rolling Mill.

5.	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
6.	Total land	:	2.8 acres land. No additional land required for expansion.		
7.	Product Name	Existing TPA	Additional (TPA)	Total (TPA)	
	Steel ingot/billets	28,700	1,81,300	2,10,000	
	Round, square, TMT/MS Bars, Angle, channel, Flats etc. TPA	Nil	1,80,000	1,80,000	
8.	Raw material/sources				
		Description	Existing TPA	Additional (TPA)	Total (TPA)
		MS scrap, Ferro Alloys, Sponge iron etc. (TPA)	32,144	2,01,306	2,33,450
		Source & transportation	Local & International markets & transport through covered trucks.		
9.	No. of workers	Existing = 100 Proposed = 150 Total = 250			
10.	Cost of the project	Existing	Rs. 05.08 Crores,		
		Proposed	Rs.12.5 Crores,		
		Total	Rs.18.3 Crores		

11.	Cost of pollution control system, OHS & Risk & hazards control	Rs. 75 Lacs and Rs. 10 Lacs/annum (recurring)			
12.	Power requirement (MW)	Existing	2500 KW		
		Additional	18,000 KW		
		Total	20,500 KW		
13.	Source of power	From Punjab State Power Corporation Ltd.,			
14.	Water requirement		Existing	Additional	Total
		Domestic	2.5 KLD	7.5 KLD	10.0 KLD
		Cooling	2.0 KLD	68.0 KLD	70.0 KLD
		Total	4.5 KLD	75.5 KLD	80.0 KLD
15.	Effluent Quantity	Domestic Water = 8.0 KLD Cooling = Recirculation			
16.	Effluent Treatment	Domestic water is being/shall be treated through STP and treated wastewater is being/shall be used on land for plantation & landscaping within the premises.			
17.	Ambient Air quality	<p>PM_{2.5}, PM₁₀, SO₂, NO₂ and CO levels were monitored at eight locations in the study area for three months (October – December, 2019). The P-98 levels of criteria pollutants are as follows:-</p> <p>(i) PM_{2.5} is 45.69µg/Nm³,</p> <p>(ii) PM₁₀ is 91.46 µg/Nm³,</p> <p>(iii) SO₂ is 16.89 µg/m³,</p> <p>(iv) NO₂ is 45.79 µg/m³ and</p> <p>(v) CO is 0.64 mg/ m³.</p> <p>The baseline air quality levels are within the National Ambient Air Quality Standards prescribed for residential and industrial area</p>			

		(Standards are 60, 100, 80 and 80µg/m ³ for PM _{2.5} , PM ₁₀ , SO ₂ and NO ₂ respectively). Proposed expansion will have less impact than existing one.
18.	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. Since, no waste water will be discharged on land, water quality is not likely to be impacted.
19.	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 70.7 dB (A) in day time and 37.4 dB (A) to 67.9 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.
20.	Soil environment	Eight 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.
21.	Air Pollution Control	Bag Filters of latest technology shall be provided on the induction furnace as APCD.

22.	Solid Waste	Slag from furnace will be generated and shall be used to make concrete/interlock tiles for which agreement shall be made with the manufacturers of the concrete/interlock tiles. Part of slag will be crushed and used for road making purpose/filling of low lying area.
23.	Hazardous waste	APCD dust will be sent to M/s Madhav Alloys Pvt. Ltd., for metal recovery. In case M/s Madhav Alloys refused to take the same, the same will be disposed off at designated TSDF site for which they had already obtained the membership of TSDF. Used oil from DG Set will be stored in drum and given to authorized recycler.
24.	Environment Monitoring Cell (EMC)	<p>Environment Monitoring Cell (EMC) shall be consisting of:-</p> <ol style="list-style-type: none"> 1. Owner 2. Project Incharge 3. Environment Consultants <p>EMC shall ensure that:-</p> <ol style="list-style-type: none"> 1. Environment monitoring programme be carried out from time to time. 2. Standard operating practices prescribed by the Board shall be implemented in letter & spirit.
25.	CER activities	Rs. 12 lacs will be spent towards implementation of activities on Corporate Environment Responsibility as per OM dated 01.05.2018 issued by the MoEF&CC, New Delhi, with the help of District Administration.

Thereafter, Environmental Engineer (Mega) 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/clarifications or give suggestions and may also raise objections, if any, 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. He 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.

He requested the persons present in the public hearing time & again to seek information/clarifications or give suggestions and may also raise objections, if any, on the proposed expansion project, one by one, but no one came forward. Environmental Engineer (Mega), Punjab Pollution Control Board, Patiala specifically asked Sh. Samundh Singh, Sarpanch of Village Alour, Tehsil Khanna, District Ludhiana, being the representative of the Villagers to seek information/clarifications or give suggestions and may also raise objections, if any, on the proposed expansion project, but he did not come forward.

Thereafter, the Environmental Engineer (Mega), Punjab Pollution Control Board asked the people to raise their hands who are in favour of this expansion project and almost all 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, but no one present in the public hearing raised his hands in disfavor of the project. The public hearing was attended by 96 persons.

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

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

(Dr. Manohar Lal Chauhan)
Environmental Engineer (Mega)
Punjab Pollution Control Board,
Patiala.

(Jaspal Singh Gill), PCS,
Addl. Deputy Commissioner,
Khanna, Distt. Ludhiana