

**Proceedings of the public hearing conducted on 27.03.2018 in connection with application filed by M/s Punjab Steel Forging & Agro Industries, for obtaining environmental clearance under EIA Notification dated 14.09.2006 for the proposed expansion by merging Unit-II & Unit-III in the existing premises located at G.T.Road, Khanna Side, Mandi Gobindgarh, District Fatehgarh Sahib.**

The following were present to supervise the proceedings:-

1. Sh. Jaspreet Singh, IAS  
Additional Deputy Commissioner,  
Fatehgarh Sahib
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 at G.T. Road, Khanna Side, Mandi Gobindgarh, District Fatehgarh Sahib. He informed that an application was filed by M/s Punjab Steel Forging & Agro Industries, G.T. Road, Khanna Side, Mandi Gobindgarh, District Fatehgarh Sahib to the effect that Unit-II & Unit-III, is an existing industrial plants located in an area of 7.75 acres located at G.T. Road, Khanna Side, Mandi Gobindgarh, District Fatehgarh Sahib, which plans merger with each other and also proposed to increase the production capacity of molten metals from 50,400 TPA to 1,89,000 TPA and rolled sections from 40,800 TPA to 1,75,000 TPA by addition of multiple induction furnaces, Rolling Mill, LRF & concast machine. 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 Chairman, Zila Parishad, Fatehgarh Sahib; Deputy Commissioner, Fatehgarh Sahib; General Manager District Industries Centre, Fatehgarh Sahib at Mandi Gobindgarh; E.O., M.C. Mandi Gobindgarh; Regional Office of MoEF&CC at Chandigarh and 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 Tribune' (English) daily 'Jagbani' (Punjabi) dated 27.02.2019 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 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 Punjab Steel Forging & Agro Industries
2.	Type of project :		Secondary Steel Manufacturing Unit (Expansion)
3.	Location	:	G.T. Road, Khanna Side, Mandi Gobindgarh, District Fatehgarh Sahib
4.	Furnaces	:	(i) Existing Unit-II : Induction furnace 6 TPH & Unit-III, 1 No. Induction Furnace (25,200 TPA). 50,400 TPA (after merger capacity) & 1 Rolling Mill. (ii) Proposed: 52/MT/heat Multiple Induction Furnaces, LRF, Concast & 1 Rolling Mill (iii) Total molten metals from 50,400 TPA to 1,89,000 TPA and Rolled sections from 40,800 TPA to 1,75,000 TPA by addition of multiple induction furnaces, 2 Rolling Mills, LRF & concast machine.

5.	Features within 5 kms 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
6.	Total land	:	The projects have already 7.75 acres land. No additional land required for expansion.		
7.	Product Name	Existing TPA	Additional (TPA)	Total (TPA)	
	Steel ingots/billets	50,400	1,38,600	1,89,000	
	Rounds, Aquare, TMT/MS Bars, Angles, Channel flats etc.	40,800	1,34,200	1,75,000	
8.	Raw material/sources				
		Description	Existing TPA	Additional (TPA)	Total (TPA)
		MS scrap	55,234	1,50,770	2,06,004
		Ferro Alloys	210	3076	3286
	Source & transportation	Local & International markets & transport through covered trucks.			
9.	No. of workers	Existing = 129 Proposed = 100 Total = 229			
10.	Cost of the project	Existing	Rs. 08.44 Crores,		
		Proposed	Rs.14.00 Crores,		
		Total	Rs.22.44 Crores		

11.	Cost of pollution control system, OHS & Risk & hazards control	Rs. 80 Lacs and Rs. 6 Lacs/annum (recurring)			
12.	Power requirement (KW)	Existing	8901 KW		
		Additional	6099 KW		
		Total	15000 KW		
13.	Source of power	From Punjab State Power Corporation Ltd.,			
14.	Water requirement		Existing	Additional	Total
		Domestic	6 KLD	5.0 KLD	11.0 KLD
		Cooling	15.0 KLD	45.0 KLD	60.0 KLD
		Total	21.0 KLD	50.0 KLD	71.0 KLD
15.	Effluent Quantity	Domestic Water = 3.4 KLD Cooling = Recirculation			
16.	Effluent Treatment	Domestic water is being/shall be treated through Septic Tank/ STP and treated wastewater is being/shall be used on land for plantation & landscaping within the premises.			
17.	Ambient Air quality	<p>The PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>2</sub> and CO levels were monitored at eight locations in the study area for three months (October – December, 2018). The P-98 levels of criteria pollutants are as follows:-</p> <ul style="list-style-type: none"> <li>(i) PM<sub>2.5</sub> is 52.3µg/Nm<sup>3</sup>,</li> <li>(ii) PM<sub>10</sub> is 92.5 µg/Nm<sup>3</sup>,</li> <li>(iii) SO<sub>2</sub> is 16.7 µg/m<sup>3</sup>,</li> <li>(iv) NO<sub>2</sub> is 47 µg/m<sup>3</sup> and</li> <li>(v) CO is 0.64 mg/ m<sup>3</sup>.</li> </ul> <p>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/m<sup>3</sup> for PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>2</sub> respectively). Proposed</p>			

		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.
19.	Noise Environment	Ambient noise levels were monitored at 8 locations in the study area. Noise levels in the study area vary from 44.4 dB (A) to 70.2 dB (A) in day time and 34.2 dB (A) to 66.1 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. Wet scrubber will be provided on Rolling Mill 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 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 recycler.
24.	Environment Monitoring Cell (EMC)	Environment Monitoring Cell (EMC) shall be consisting of:- <ol style="list-style-type: none"> <li>1. Owner</li> <li>2. Project Incharge</li> <li>3. Environment Consultants</li> </ol> EMC shall ensure that:- <ol style="list-style-type: none"> <li>1. Environment monitoring programme be carried out from time to time.</li> <li>2. Standard operating practices prescribed by the Board shall be implemented in letter &amp; spirit.</li> </ol>
25.	CER activities	Rs. 14 lacs will be spent towards implementation of activities on Corporate Environment Responsibility as per OM dated 01.05.2018 with the help of District Administration.

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 and may also raise objections, if any. It was also brought into the notice of the persons present there that the information or clarifications or objections raised 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 or raise objections, if any 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:

<b>Sr. No.</b>	<b>Name &amp; address of the person</b>	<b>Detail of query/ statement / information / clarification sought by the person present</b>	<b>Reply of the query / statement / information / clarification given by the project proponent</b>
1.	Sh. Lakhwinder Singh, r/o Vidhi Chand Colony, Mandi Gobindgarh.	He stated that with the expansion of the industry, there will be pollution, which will effect on the health of the children. What measures will be taken to control the water & air pollution.	Environmental consultant of the company informed that no water will be used in the process, as such, there will be no water pollution from the unit. Pulse jet bag filter of latest technology will be provided to control the air pollution from the project.
2.	Sh. Gurmukh Singh, r/o Rajewal, District Fatehgarh Sahib.	<ol style="list-style-type: none"> <li>1. What arrangements will be made to control the pollution to be generated from the used oil?</li> <li>2. He wanted to know how the bag filters will work?</li> <li>3. He further wanted to know how many trees have been planted in the industry and</li> </ol>	<p>Environmental consultant of the company informed that:-</p> <ol style="list-style-type: none"> <li>1. The oil will be used in the DG sets only and there will only be 0.1 KLD waste oil generated from the DG sets. Some of the oil will be used in the industry for lubricating purposes only and the remaining oil will be sold to the authorized recyclers.</li> <li>2. He explained the working of the bag filters and further informed that the monitoring of the pulse jet will be done regularly. If bag filters damages then it is replaced.</li> <li>3. 250 trees have already been planted in the industry. As per condition of Terms of Reference, in 33% of the total project area, green belt</li> </ol>

		how many additional will be planted.	will be developed within the industrial premises with the help of DFO of the area.
3.	Sh. Harchahnd Singh, Mohalla Dalip Nagar, Mandi Gobindgarh	He wanted to know how the air pollution will be controlled?	Environmental consultant of the company informed that pulse jet bag filter of latest technology will be provided and the periodic monitoring of the same will be carried out, as such, there will be no air pollution from the project.
4.	Sh. Hardip Singh S/o Sh. Lakhwinder Singh, r/o Mughal Majra, District Fatehgarh Sahib	<p>1. What arrangements will be made to dispose off the furnace slag ?</p> <p>2. As to whether employment will be provided to the local people by the industry after its expansion?</p>	<p>Environmental consultant of the company informed that:-</p> <p>1. The furnace slag is not hazardous waste. Earlier, it was earlier used for road making purpose/filling of low lying area. Now, it is used to make concrete/interlock tiles for which agreement shall be made with the manufacturers of the concrete/interlock tiles.</p> <p>2. The local people of the area are working in the existing unit of the industry and preference will be given to the local persons in the expanded unit of the industry.</p>
5.	Sh. Lakhwinder Singh, Sarpanch, Village Mughalmajra, District Fatehgarh Sahib.	He informed that there is no problem from the existing unit of the industry and he expect that there will also be problem from the expanded plan of the industry to the local people. He further informed that the people of the local area are getting employment from the existing unit of the industry. He thanked	No comments required from the project proponent.



		all the officers & public present in the public hearing.	
--	--	--	--

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 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 130 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.

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