

Proceedings of the public hearing conducted on 13.11.2018 in connection with application filed by M/s Jogindra Casting Pvt. Ltd., for obtaining environmental clearance under EIA Notification dated 14.09.2006 for the proposed expansion in the existing premises located at G.T. Road, Sirhind 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. Er. Parveen Saluja,
Environmental Engineer (Mega)
Punjab Pollution Control Board, Patiala.
3. Er. Mohit Singla,
Asstt. 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, Sirhind Side, Mandi Gobindgarh, District Fatehgarh Sahib. He informed that an application was filed by M/s Jogindra Casting Pvt. Ltd., G.T. Road, Sirhind Side, Mandi Gobindgarh, District Fatehgarh Sahib 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 billets, steel ingots, TMT Bars, flats & structures from 90 TPD to 1000 TPD by replacing two existing induction furnaces of 5 & 3 TPH capacity with 4 No. induction furnaces i.e. two induction furnaces of 25 TPH capacity each, two induction furnaces of 15 TPH each as well as additional Rolling mill (after expansion total 02 Rolling Mills) in a total area of 44,201.85 sqm (10.92 acres) (by purchasing adjoining new land of 27342.01 sqm (6.76 acres) and by taking 2510.54 sqm (0.62 acres) land on lease and considering initially land area 14349.786 sqm (3.54 acres) at G.T. Road, Sirhind Side, Mandi Gobindgarh, District Fatehgarh Sahib. 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. Mandi Gobindgarh; 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 three prominent newspapers namely, 'Hindustan Times' 'The Tribune', and 'Punjabi Jagran' dated 09.10.2018 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 study report.

Dr. Sandeep Garg, of M/s Eco Laboratories & Consultants Pvt. Ltd., 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 Jogindra Casting Pvt. Ltd.,
2.	Type of project :		Steel Manufacturing Unit (Expansion)
3.	Location	:	G.T. Road, Sirhind Side, Mandi Gobindgarh, District Fatehgarh Sahib (Punjab).
4.	Furnaces (induction)	:	Two No. existing induction furnaces of 5 & 3 TPH capacity will be replaced with 4 No. induction furnaces i.e. two induction

			furnaces of 25 TPH capacity each, two induction furnaces of 15 TPH each as well as additional Rolling mill (after expansion total 2 rolling mills).												
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	Bhakhra Canal										
			vi)	Industries	Mixed										
6.	Total land	:	Total area of the project was 14,349.786 sqm (or 3.54 acres). Now, after expansion, total area of the project becomes 44,201.85 sqm. Out of which, 2,510.054 sqm has been acquired on lease basis and 27,342.01 sqm area has been purchased.												
7.	Products		<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Product Name</th> <th>Existing TPD</th> <th>Additional (TPD)</th> <th>Total (TPD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Billets, ingots, TMT bars, flats & structure</td> <td>90</td> <td>910</td> <td>1000</td> </tr> </tbody> </table>			Sr. No.	Product Name	Existing TPD	Additional (TPD)	Total (TPD)	1.	Billets, ingots, TMT bars, flats & structure	90	910	1000
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10.	Cost of the project	Existing Rs. 20.56 Crores Proposed Rs.22.85 Crores Total Rs. = 43.41 Crores			
11.	Cost of pollution control system	Rs. 166.5 Lacs and Rs. 16 Lacs/annum (recurring)			
12.	Power requirement (KW)	Existing – 9,698 Additional – 20,302 Total – 30,000			
13.	Source of power	From Punjab State Power Corporation Ltd., for which NOC from the authority of PSPCL has been obtained. Acoustic enclosure DG sets of 2x500 KW and 1x320 KW will be installed.			
14.	Water requirement		Existing	Additional	Total
		Domestic	5.0 KLD	3.0 KLD	3.5 KLD
		Cooling	18.0 KLD	48.0 KLD	66.0 KLD
		Total	23.0 KLD	51 KLD	74 KLD
15.	Source of water	Existing borewell will be used to abstract the groundwater. For obtaining the CGWA permission, application has already been submitted to the Competent Authority.			
16.	Effluent Quantity	Domestic Water = 6.4 m ³ /day Cooling = Nil (entire cooling water will be recirculated)			
17.	Effluent Treatment	Domestic effluent shall be treated through STP of capacity 10 KLD, which is to be installed within the project premises. Treated domestic effluent will be used for plantation & landscaping within the premises.			
18.	Ambient Air quality	The PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ 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: (i) PM _{2.5} is 104.1 µg/Nm ³ , (ii) PM ₁₀ is 183.52 µg/Nm ³ ,			

		<p>(iii) SO₂ is 10.97 µg/Nm³, (iv) NO₂ is 25.34 µg/m³ and (v) CO is less than 1.5 mg/ m³.</p> <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/m³ for PM_{2.5}, PM₁₀, SO₂ and NO₂ respectively). Proposed expansion will have less impact than existing one.</p>
19.	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>
20.	Noise Environment	<p>Ambient noise levels were monitored at 8 locations in the study area. Noise levels in the study area vary from 52.6 dB (A) to 64.0 dB (A) in day time and 42.1 dB (A) to 55.0 dB (A) during night time. 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.</p>

21.	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.
22.	Air Pollution Control Device	Pulse Jet Bag Filter shall be provided on the induction furnace as APCD. Online monitoring system shall also be installed.
23.	Solid Waste	Slag @ 8.5 TPD from furnace will be generated and shall be used to make interlock tiles for which agreement shall be made with manufacturers of the interlocking tiles. Part of slag will be crushed and used for road making purpose/filling of low lying area.
24.	Hazardous waste	APCD dust will be disposed off to M/s Madhav Alloys Pvt. Ltd., for metal recovery. Used oil from DG Set will be stored in drum and given to authorized vendor of Punjab Pollution Control Board.
25.	Monitoring Cell	Monitoring will be carried out by the Cell consisting of:- 1. Owner 2. Project Incharge 3. Environment Consultants
26.	CER activities	Rs. 22 lacs will be spent towards implementation of activities on Corporate Environment Responsibility such as construction of female toilets, plantation, cleaning of village pond, repair works of Govt. Middle school Talwara and cremation ground etc.

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. Harpreet Singh, r/o Talwara, District Fatehgarh Sahib	He stated that the industry should solve the problem of wastewater and ash/dust from the project.	Environmental consultant of the industry informed that STP will be installed to treat the domestic effluent and the treated wastewater from the STP will be used for irrigation purposes within the industrial premises. APCD dust will be sent to M/s Madhav Alloys Pvt. Ltd., for metal recovery and no ash/APCD dust will be disposed off in open area.
2.	Sh. Amarinder Singh, Mandi Gobindgarh, District Fatehgarh Sahib	He stated that there is a main problem of the bad road. He further stated that the overload vehicles damage the road due to which nearby people face difficulties.	Environmental consultant of the industry informed that regarding road, the Govt. is making plan to solve this problem. The Industrial Association of Mandi Gobindgarh are also taking up the matter with the Govt. He

			further informed that the industry will provide interlock tile parking for the vehicles come to their unit.
3.	Sh. Rajan, r/o Talwara, District Fatehgarh Sahib	He stated that the black smoke from the industries is spreading in the far away area, how this problem will be solved?	Environmental consultant of the industry informed that pulse jet bag filters will be installed as APCD alongwith side hood as per the design of PSCST, Chandigarh to control the air pollution from the industry. Online monitoring system shall also be installed on the APCD and the result of the same will be displayed on the official website of the Punjab Pollution Control Board for monitoring the same. As such, there will be no air pollution from the proposed expanded project of the industry.
4.	Sh. Palwinder Singh, r/o Talwara, District Fatehgarh Sahib	He stated that the position of the Govt. school of their village was very bad, but the industry has adopted the same and is now caring the school. The industry has constructed shed in the cremation ground of their village and has planted the trees in the same. He demanded that the floor of the school may be made pucca and playground for the children may also be prepared. He also demanded that winter uniforms to the children of poor families studying in the Govt. school of their village be provided. He stated that there are two handicapped persons in their village and he demanded that the industry should provide employment to them in the	Environmental consultant of the industry informed that the floor of the school will be made pucca and playground for the children will also be constructed. He further informed that the winter uniforms to the children of poor families who are studying in the Govt. school, will be provided. He also informed that suitable job to the handicapped persons of village Talwara, as demanded, will be provided.

		factory. He further stated that the industry has also carried out development works in the nearby villages of the area, for which he is thankful to the industry.	
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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.

(Mohit Singla)
Asstt. Environmental Engineer,
Punjab Pollution Control Board,
Regional Office, Fatehgarh Sahib

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

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