

**Proceedings of the public hearing conducted on 21.10.2021 in connection with application filed by M/s Aarti Steels Limited Steel Manufacturing Unit, 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 Harian, P.O. Uppal, Machhiwara Road, District Ludhiana.**

The following were present to supervise the proceedings: -

1. Mr. Rahul Chaba, PCS,  
Additional Deputy Commissioner (G),  
District Ludhiana.
2. Dr. Manohar Lal Chauhan,  
Environmental Engineer,  
Punjab Pollution Control Board,  
Regional Office-1, Ludhiana.
3. Er. Rozert Dhamija, AEE  
Environmental Engineer,  
Punjab Pollution Control Board,  
Regional Office-1, Ludhiana.

Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana 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 Harian, P.O. Uppal, Machhiwara Road, District Ludhiana. He informed that an application was filed by M/s Aarti Steels Limited Steel Manufacturing Unit, Village Harian, P.O. Uppal, Machhiwara Road, 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 billets/ingots @ 2,90,500 TPA and Rolled/Flats Products. @ 2,90,500 TPA (after expansion) by addition of the 02 No. induction furnace of capacity 25 TPH, 1 no. Laddle Refining furnace of capacity 30 TPH, 1 no. Vacuum Degasser (VD) of capacity 30 Ton, 01 No. Concast, Up-gradation of Rolling mill and 3 no. D.G. set of capacity 600 KVA, 900 KVA and 1500 KVA in the existing premises located in an area of 23.22 acres or 93,970 Sqm. In the revenue estate of Village Harian, P.O.

Uppal, Machhiwara Road, 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 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 along with 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., Regional Office of MoEF&CC at Chandigarh; Environmental Engineer, Regional Office, Punjab Pollution Control Board, Ludhiana 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, Hindustan Times and Jagbani dated 18.09.2021 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 Aarti Steels Limited Steel Manufacturing Unit
2.	Type of project	: Steel Manufacturing Unit (Expansion)
3.	Location	: Village Harian, P.O. Uppal, Machhiwara Road, District Ludhiana.
4.	Furnaces	: (i) Existing: 01 No. Induction Furnace of Capacity 8 TPH, 01 No. Rolling Mill

		<p>(ii) Proposed: 02 No. Induction Furnace of Capacity 25 TPH, 1 no. Laddle Refining furnace of capacity 30 TPH, 1 No. Vaccum Degassar (VD) of 30 Ton, 01 No. Concast, Up-gradation of Rolling mill.</p> <p>(iii) Total: 01 No. Induction Furnace of Capacity 8 TPH, 02 No. Induction Furnace of Capacity 25 TPH, 1 no. Laddle Refining furnace of capacity 30 TPH, 1 No. Vaccum Degassar (VD) of 30 Ton, 01 No. Concast, Up-gradation of Rolling mill.</p>		
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	Ropar-Neelon Canal Satluj river (9 km)
6.	Total land	: 23.22 acres or 93,970 Sqm. No additional land required for expansion.		
7.	Product Name	Existing TPA	Additional (TPA)	Total (TPA)
	Steel ingot/billets	28,000	2,62,500	2,90,500
	Rolled/Flats Production	1,40,000	1,50,500	2,90,500
8.	Raw material/sources	Existing (TPA)	Additional (TPA)	Total (TPA)
	MS scrap, CI, Ferro Alloys, Sponge iron etc. (TPA)	30,800	2,88,750	3,19,550
	Source & transportation	From domestic & as well as International Markets transportation through covered trucks		
9.	No. of workers	Existing = 300 Proposed = 361 Total = 661		
10.	Cost of the project	Existing Rs. 73.25 Crores,		

		Proposed Total	Rs.130.79 Crores, Rs.204.04 Crores		
11.	Cost of pollution control system, OHS & Risk & hazards control	Rs. 381.5 Lacs and Rs. 31.2 Lacs for recurring cost/annum.			
12.	Power requirement (MW)	Existing Additional Total	12 MW 39 MW 51 MW		
13.	Source of power	From Punjab State Power Corporation Ltd.,			
14.	Water requirement		Existing	Additional	Total
		Domestic	15 KLD	18 KLD	33 KLD
		Cooling	90 KLD	527 KLD	617 KLD
		Total	105 KLD	545 KLD	650 KLD
15.	Effluent Quantity	Domestic Water = 26.4 KLD Cooling = Recirculation			
16.	Effluent Treatment	Domestic- through STP of 30 KLD and used for Plantation.			
17.	Ambient Air quality	<p>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 (Feb – April, 2021). 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 48.4µg/Nm<sup>3</sup>,</li> <li>(ii) PM<sub>10</sub> is 88.1 µg/Nm<sup>3</sup>,</li> <li>(iii) SO<sub>2</sub> is 14.7 µg/m<sup>3</sup>,</li> <li>(iv) NO<sub>2</sub> is 38.4 µg/m<sup>3</sup> and</li> <li>(v) CO is 0.68 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> and 4.0 mg/m<sup>3</sup> for PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>2</sub> and CO respectively and 51-100 as satisfactory AQI for health). Due to better pollution abatement facilities, proposed expansion will have</p>			

		insignificant impact on existing air quality.
18.	Water quality	Eight groundwater samples and two surface water sample from Satluj river at 9 Km and Ropar-Neelon Canal at 4.2 km Distance from project site were collected from the study area for chemical, metallic and biological analysis. The groundwater qualities of the study area are satisfactory. No metallic or bacterial contamination was found in the water sample. 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 48.3 dB (A) to 70.2 dB (A) in day time and 37.5 dB (A) to 61.5 dB (A) at night. 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 as no waste will be discharged on land.
21.	Air Pollution Control	<b>Induction Furnace:</b> Pulse jet bag filter having efficiency more than 99.0 % with offline technology. <b>Rolling Mill:</b> Alkali Scrubber.
22.	Fugitive Emission	Side Suction Hood.
23.	Solid Waste	Slag from furnace will be dispose off to authorize

		manufactured of cement concrete blocks, pavers, tiles.
24.	Hazardous waste	Solid from APCD will be disposed off at designated M/s Madhav alloys (P) Limited or TSDf site Nimbua Derabassi for final disposal. Used oil from DG set will be sold to authorized recyclers.
25.	Environment Monitoring Cell (EMC)	Environment Monitoring Cell (EMC) shall be consisting of: - 1. Owner 2. Project In-charge 3. Environment Consultants
26.	CER activities	Rs. 130.0 lacs for Corporate Environment Responsibility as per OM dated 01.05.2018 issued by the MoEF&CC, New Delhi, with the help of District Administration.

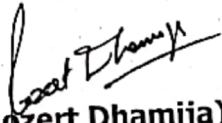
Thereafter, Environmental Engineer, Regional Office-1, Ludhiana brought into the notice of public present at the venue of hearing that as per the provisions of EIA notification dated 14.09.2006, as amended from time to time, the persons present at the venue may seek any information/clarifications or 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. Sh. Amar Singh, panch of Village Harian, P.O. uppul, Machhiwara Road, District

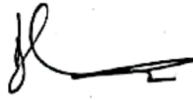
Ludhiana, being the representative of the Villagers requested that all the villagers be provided suitable Job in the industry and Free Medical services may be provided to the Villagers. Sh. Mewa Singh R/o Village Harian also submitted the same requests. The Project proponent assured that the demands of the Villagers will be kept in mind and suitable Jobs and Medical Services will be provided as and when the unit comes in operation.

Thereafter, the Environmental Engineer, Punjab Pollution Control Board, Regional office-1, Ludhiana 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 70 persons.


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



**(Rozert Dhamija),**  
Asstt. Environmental Engineer,  
Punjab Pollution Control Board,  
Regional Office-1, Ludhiana.



**(Manohar Lal Chauhan)**  
Environmental Engineer,  
Punjab Pollution Control Board,  
Regional Office-1, Ludhiana



**(Rahul Chaba), PCS,**  
Addl. Deputy Commissioner,  
Distt. Ludhiana.