

Proceedings of the public hearing conducted on 29.01.2021 in connection with application filed by M/s Sharu Special Alloys Pvt. Ltd. Unit-II, for obtaining environmental clearance under EIA Notification dated 14.09.2006 for setting up of an industrial unit located in the revenue estate of Village Mehlon, Kohara-Lakhawal road, Tehsil Ludhiana East, District Ludhiana, Punjab.

The following were present to supervise the proceedings:-

1. Sh. Amarjeet Bains, PCS,
Additional Deputy Commissioner (Gen),
Ludhiana
2. Er. Raj Kumar Goyal,
Environmental Engineer,
Punjab Pollution Control Board,
Regional Office-1, Ludhiana
3. Er. Kamal Singla,
Assistant Environmental Engineer,
Punjab Pollution Control Board,
Head Office, Patiala
4. Er. Jaspal Singh,
Assistant Environmental Engineer,
Punjab Pollution Control Board,
Regional Office-1, Ludhiana

Assistant Environmental Engineer, Punjab Pollution Control Board, Head Office, Patiala welcomed the Supervising-cum-Presiding Officer and people from adjoining towns / villages, who came to attend the public hearing of this project. He informed that M/s Sharu Special Alloys Pvt. Ltd. Unit-II has filed an application in the office of SEIAA, Punjab for obtaining Environmental Clearance under EIA notification no. 1533 (E) dated 14.9.2006 for setting up of an industrial unit having capacity of Steel Ingots / Billets @ 1,27,800 TPA by installing induction furnaces of capacity 2 X 15 TPH and 1 X 25 TPH ~~of~~ Structural Steel (TMT Bars & Flats, MS Bars, Wire Rod) @ 1,25,000 TPA by installing a concast machine and a rolling mill in the revenue estate of Village Mehlon, Lakhawal- Kohara Road, Tehsil & Distt. Ludhiana, Punjab. He apprised the public present there about the requirement of conduct of public hearing before deciding on the application filed by the industry for getting the said clearance for setting up of unit. He also brought into the notice of public that the industry has submitted copies of draft rapid EIA report alongwith the executive summary of the same and a copy of each such document was placed in the office of Deputy Commissioner, Ludhiana, Commissioner, Municipal Corporation, Ludhiana, District Industries Centre, Ludhiana, Advisor, MoEF&CC, Chandigarh & Regional Office-1, Ludhiana of the PPCB 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) and 'Rozana Spokesman' (Punjabi Daily) on 30.12.2020 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 / Environmental Consultant of the industry to elaborate about the main features of the project and the draft EIA study report.

Sh. R.S. Rana, Technical Expert, M/s Chandigarh Pollution Testing Laboratory, Mohali, Environmental consultant of the promoter company brought out the details of the project proposal before the public as under:

Name of the Project	: M/s Sharu Special Alloys Pvt. Ltd. Unit-II	
Type of Project	: Steel Manufacturing Unit (New)	
Location	: Village Mehlon, Kohara-Lakhowal road, District Ludhiana, Punjab	
Equipment proposed	: 1. Induction Furnace - 2 X 15 TPH or 1 X 25 TPH 2. Concast Machine - 1 3. LRF - 1 4. VD - 2 5. Rolling Mill - 1 6. D.G. Set - 1 X 350 KVA	
Features within 5.0 km Radius	<ul style="list-style-type: none"> i. Archaeological important places ii. Wild life sanctuaries iii. Reserved/Protected forest iv. Historical places v. River/Canal vi. Industries 	<ul style="list-style-type: none"> Nil Nil Nil Nil Sirhind canal Mixed
Total Land	: 9.75 acres	
Product Proposed	Product Name	Proposed (TPA)
	Steel Ingots/ Billets	1,27,800
	Round, Bars, TMT Bars, Flats, Wire Rod, Hexa, RCS	1,25,000
Raw Materials / sources	Name of Raw Materials	Proposed (TPA)
	MS Scrap	1,38,000
	Ferro Alloys	1300
No. of Workers	: 400	
Cost of the Project	: Rs. 22.50 Crs	
Cost of Pollution Control System	: Rs. 1 Cr	
Power Requirement	: 22000 KW	
Source of Power	: From Punjab State Power Corporation Limited	
Water Consumption (KLD)	Description	Proposed (KLD)
	Domestic	18
	Cooling (makeup water)	30
	Total	48
Effluent Quantity	: Domestic Water = 14.4 KLD Cooling = (Recirculation)	
Effluent Treatment & Utilization	: As no water is used in the process, therefore, no process effluent is generated. Domestic effluent - Treatment through STP of 16 KLD capacity and used for plantation.	
Ambient Air Quality	: The PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ , CO levels were monitored at eight locations in the study area for three months (March to May 2019). The P ₉₈ levels of criteria pollutants are as follows: PM _{2.5} was 51.04 µg/m ³ , PM ₁₀ 90.9 µg/m ³ , SO ₂ is 12.5 µg/m ³ , NO ₂ 30.5 µg/m ³ and CO 0.59 mg/ m ³ . The baseline air quality level is within the National Ambient Air Quality Standards prescribed for industrial, residential, rural & other area and also satisfies the air quality index (AQI) w.r.t. health bracket for all the monitoring. (Standards are 60, 100, 80, 80µg/m ³ and 4.0mg/m ³ for PM _{2.5} , PM ₁₀ , SO ₂ , NO _x and CO respectively and 51-100 as satisfactory AQI for health. Due to	

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	appropriate and adequate pollution abatement facilities, proposed project will have insignificant impact on existing air quality.
Water quality :	Eight groundwater samples and one surface water sample were collected from the study area for chemical, metallic and biological analysis. The groundwater qualities of the study area are satisfactory as no metallic or bacterial contamination was found in the ground water samples. But bacterial contamination was found in surface water. Since, no waste water will be discharged on land, water quality is not likely to be impacted.
Noise environment :	Ambient noise levels were monitored at 8 locations in the study area. Noise levels in the study area vary from 44.3 dB (A) to 70.2 dB (A) in day time and 34.2 dB (A) to 65.1 dB (A) during night. The baseline noise levels were well within the limits prescribed by the CPCB. Proposed project will have negligible impact due to better pollution control facility.
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 due to proposed Project.
Air Pollution Control :	Pulse jet bag Filter with offline cleaning technology.
Fugitive Emission / Secondary Emission :	Fume Extraction Hood and exhaust ventilation
Solid Waste :	Slag @ 21.6 Ton will be generated from furnace Slag after recovery of iron will be sold to manufacturer of cement concrete blocks, tiles and pavers under proper agreement
Hazardous Waste :	Solids from APCD will be sent to approved processors of hazardous waste. Used oil from DG Set will be re-used as lubricants within the industry.
Pollution Control :	<ul style="list-style-type: none"> ➤ Plantation within the premises @ minimum 40% of project area as per CPCB and local forestry guidelines shall be provided i.e. 3800 trees shall be planted. The trees shall be thick canopy and same will be in consonance with the atmosphere and soil of Ludhiana. ➤ Treatment of domestic waste water in STP of 16 KLD capacity and the use of treated water in C.T. / Green Belt development. ➤ Fugitive/secondary emission control by side suction hood on I.F. and routing the same to bag filter. ➤ Dust suppression by wet spray on the internal roads. ➤ Bag filter to filter out particles upto 0.3µm size before discharge to the atmosphere. ➤ Operation & maintenance of Air Pollution Control System (APCS) as per PPCB guidelines. ➤ Regular environmental monitoring w.r.t significant parameters. ➤ Bag filter cleaning will be done offline by compartmentalizing the bag house.
Resource Conservation :	<p>The industry is committed to judicious use of resources by adopting the following practices:</p> <ul style="list-style-type: none"> ➤ By using energy efficient I.F., lesser time per heat cycle thereby yielding the same production with less electricity consumptions. ➤ Operating the cooling tower at higher cycle of concentration (COC), requiring lesser blow down by proper chemical conditioning of water, thereby ensuring maximum recycling and lesser make up water. ➤ Slag after iron recovery, will be sold to manufacturers of cement concrete blocks, pavers & tiles, thereby lessening the

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	<p>consumption of fresh minerals.</p> <ul style="list-style-type: none"> ➤ Flue gas cleaning residue will be sold to approved vendors for metal recovery e.g. Zn & Pb thereby net saving of fresh ore. ➤ All the metal recovered from slag, riser/runner from moulds and mill scales will be recycled.
Environmental Management Plan (EMP) :	<ul style="list-style-type: none"> ➤ EMP as detailed in Environment Impact Assessment report shall be followed. Rs. 2.60 Cr shall be kept reserved for EMP. ➤ In lieu of Corporate Environmental Responsibility, the OM dated 30th Sept., 2020 issued by MOEF&CC superseding OM dated 1st May, 2018 shall be followed and commitments made by project proponent to address the concerns raised during the public hearing and those prescribed by regulatory body will be part of EMP.
Environment Monitoring Plan :	<p>Regular monitoring of all significant environmental parameters is essential to check the compliance status vis-à-vis the environmental laws and regulation. The frequency of the monitoring will be as follows:</p> <ul style="list-style-type: none"> ➤ The ambient Air quality will be monitored at project site and at two upward and downstream locations once every quarter for PM2.5, PM10, NOx, SO2, and CO levels as per Environmental Clearance (EC) Conditions during the Construction Phase and of Operational Phase. ➤ The Ambient Noise Levels, Water Quality, Effluent etc. will be monitored once every six months or as per EC conditions.
Environment Management Cell (EMC) :	<p>Environment Management is being/will be looked after by the Cell consisting of:</p> <ol style="list-style-type: none"> 1. Owner 2. Project Incharge 3. Environment Consultant

Thereafter, Assistant Environmental Engineer, Punjab Pollution Control Board, Head Office, Patiala 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 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.	S. Bhuneshwar Singh, S/o S. Hardiyal Singh,	He asked as to whether the unit will get the monitoring of Air	Environmental Consultant informed that the industry will install the Air Pollution Control Devices as per the

	resident of Village Kohara, Ludhiana.	Pollution Control Devices done regularly from any authorized agency so that the efficiency and performance of these devices can be ascertained. He further asked that as to whether the project proponent will obtain certificate from the Department for operation of Industry / devices.	design given by Punjab State Council for Science & Technology and six monthly monitoring of these devices will be done by PPCB Lab or any other Lab authorized by the PPCB. He further informed that the project proponent will obtain Consent to Establish and Consent to Operate under the provisions of the Water Act, 1974 and the Air Act, 1981 for establishment and operation of the Industry / devices from PPCB.
2.	S. Harmanpreet Singh, S/o S. Sukhdev Singh, resident of Village Lakhowal, Ludhiana.	He asked as to whether preference shall be given to local people for employment.	Environmental Consultant informed that the induction furnaces are operated by special technical persons, however, preference for employment shall be given to the local people having adequate qualification and experience in this field. He further added that the Sharu Group has already two similar kinds of other industries where special technical persons are operating the induction furnaces. This unit will take the help of these special technical persons to impart the training to the persons to be employed in the proposed project.

Then the Assistant Environmental Engineer, Punjab Pollution Control Board, Head Office, Patiala requested the public, that if anyone else want to ask any more question about the proposed 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 proposed 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 85 persons.

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



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Asstt. Environmental Engineer,
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(Amarjit Bains), PCS
Addl. Deputy Commissioner (General),
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