

Proceedings of the public hearing conducted on 31.10.2023 in connection with application filed by M/s T.C.G. Alloys, 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 Ajnali, Backside Baddi Bhawani, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab.

The following were present to supervise the proceedings: -

1. Smt. Isha Singhal, PCS
Additional Deputy Commissioner,
Fatehgarh Sahib
2. Er. Ravi Pal,
Environmental Engineer (Mega),
Punjab Pollution Control Board,
Head Office, Patiala.
3. Er. Malkit Singh,
Asstt. Environmental Engineer,
Punjab Pollution Control Board,
Regional Office, Fatehgarh Sahib

Environmental Engineer (Mega), Punjab Pollution Control Board, Head Office, Patiala welcomed the officers Supervising-cum-Presiding Officer, officers of the Board 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 R.G. Mill Road, Mandi Gobindgarh, District Fatehgarh Sahib. He informed that an application was filed by M/s T.C.G. Alloys 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 increase the production capacity of Billets/ingots or Rolled products (Bars, flats & Rounds) from 72 TPD to 150 TPD (Total after expansion) in its existing premises by replacing existing induction furnace of 6 ton/heat capacity to 10 Ton/heat capacity alongwith Rolling Mill.

After considering application of the industry, the SEIAA, Punjab issued 'Terms of Reference' to the industry for preparation of draft EIA study report. Now, the industry has submitted the draft EIA report to Punjab Pollution Control Board for conducting public hearing of the project as per the procedure prescribed in the EIA notification dated 14.9.2006. Environmental Engineer (Mega) apprised the public present there about the requirement of conducting the public hearing before deciding on the application filed by the industry for getting the said clearance for carrying out expansion of the existing 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 Regional Office MoEF Chandigarh, DC Office, Fatehgarh Sahib, Chairman, Zila Parishad, Fatehgarh Sahib, Executive Officer, M.C., Mandi Gobindgarh, General Manager, District Industries Centre, Fatehgarh Sahib at Mandi Gobindgarh and 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 two prominent newspapers namely, 'The Hindustan Times' and 'Rozana Spokesman' on 27.09.2023 to make the public aware of the date, time & venue of the public hearing and about the places/offices where the

Revised
M. Singh

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. Charanjit Singh of M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd., Mohali, brought out the details of the expansion plan of the project before the public which are reproduced as under:

Sr. No.	Item	Details												
1.	Name of the project	M/s T.C.G. Alloys												
2.	Type of Project	Expansion of existing Steel manufacturing unit												
3.	Location	Village Ajnali, Backside Baddi Bhawani, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab												
4.	Furnaces	Existing: 6 TPH IF Proposed: Replacement of existing IF with new Induction Furnace of 10												
5.	Features within 10 km Radius	i. Archaeological Important Places: Nil ii. Wild life sanctuaries: Nil iii. Reserved/Protected forest: Bir-Amlah Protected Forest iv. Historical places: Nil v. River/Canal: Sirhind Canal												
6.	Total Land	Area breakup is given below: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Existing</th> <th>Proposed</th> <th>Total (after Expansion)</th> </tr> </thead> <tbody> <tr> <td>10,222.43sq. m.(2.5259acres)</td> <td>--</td> <td>10,222.43sq. m.(2.5259acres)</td> </tr> </tbody> </table>			Existing	Proposed	Total (after Expansion)	10,222.43sq. m.(2.5259acres)	--	10,222.43sq. m.(2.5259acres)				
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9.	No. of Workers	Existing manpower: 50 workers including both technical & non-technical are working. No residing facility has been provided to workers within project premises.												
10.	Cost of the project (Rs.)	Existing project cost: Rs.6.876 Crores Proposed Cost: Rs. 15.620 Crores Total cost of the project after expansion: Rs. 22.4965 Crores												

11.	Cost of Pollution Control System	Capital cost: Rs. 67 lakhs for Environment management plan Recurring charges: Rs. 17.5 lakhs per annum
12.	Power Requirement	Total power requirement after expansion:4000 KVA
	Source of Power	Punjab State Power Corporation Limited (PSPCL).
13.	Water Consumption (KLD)	Source: Borewell Total water requirement for the project is estimated to be 33.5 KLD; out of which,19 KLD will be makeup water demand for cooling purpose, 4.5 KLD will be domestic water demand and 10 KLD will be green area water demand for1,848.75sq.mwithin the project premise.
14.	Effluent Quantity	Domestic Wastewater = 3.6KLD (after expansion) Cooling = Recirculation
15.	Effluent Treatment	3.6 KLD of domestic wastewater will be generated which will be treated in proposed STP of capacity 5 KLD. Treated water of 3.5KLD will be reused for cooling purpose. No industrial effluent will be generated.
16.	Ambient Air Quantity	Baseline data of Devbhoomi Castings Pvt. Ltd. has been considered from period October to December, 2021 has been considered for the project. Further, one-month additional monitoring at project location in May, 2023. Baseline studies have been conducted at project location from NABL and MoEF&CC approved laboratory. Thus, PM2.5, PM10, SO2 and NO2 levels (Criteria Pollutants) as well as NH3 and O3 were monitored at nine locations (including project location) in the 10 km study area. Sites of the monitoring stations were keeping in view of the dominant wind direction Average values of ambient air result at project location are found to be: PM10 = 123.5 µg/m ³ , PM2.5 = 101.4 µg/m ³ , SO2 = 11 µg/m ³ and NO2 = 33.5 µg/m ³ .The results when compared with National Ambient Air Quality Standards (NAAQS) of Central Pollution Control Board (CPCB) for "Industrial/ Residential/ Rural and Other Areas", it was observed that except PM10& PM2.5 all the values of SO2, NO2, CO and PAH were within prescribed limits. Mass levels of particulate dust as PM10& PM2.5 were quite higher than 24 hours average NAAQ standards of 100µg/m ³ and 60µg/m ³ respectively. This indicates air quality deterioration in study area is due to presence of industries in areas of MandiGobindgarh and Khanna and biomass burning activities predominant in the region.
17.	Water Quality	Total 9 groundwater samples and 8 surface water samples were collected in the 10 km of 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.
18.	Noise Environment	Ambient noise levels monitored at 5 locations within the project premises. 4 project corners and one center of the project. Minimum and maximum noise levels recorded within project premises during day time varies from 60.1dB (A) and 71.2dB (A) during the day time and were 48.6 dB (A) and 65.3dB (A) during night time. The obtained noise level is well within prescribed limits for industrial area.
19.	Soil environment	Total 9 soil samples were collected and analyzed. The texture of soil is sandy loam. The organic matter, nitrogen, potassium and phosphorus content of the soil are moderate. pH of all the soil samples is within the acceptable range. No impact on soil will be there due to expansion of the project.

20.	Air Control	Pollution	Side Suction Hood with Pulse Jet Bag Filter will be provided on Induction Furnace.
21.	Solid Waste		Domestic solid waste: 20 kg/day (after expansion) Slag: 5 TPD (after expansion) which will be given to Concrete Blocks/ RCC tiles etc. manufacturing units for co-processing after metal recovery.
22.	Hazardous Waste		After expansion, hazardous waste generated from the project is estimated to be 0.4 TPD of exhaust air or gas cleaning residue under category 35.1 and 0.3 KLA of used oil under Category 5.1 of Schedule I. Authorization of hazardous waste obtained from PPCB. Agreement has been done with M/s Jogindra Castings Pvt. Ltd. for disposal of APCD dust. Used oil given to authorized vendor.
23.	Monitoring Cell		Monitoring to be done by the Cell consisting of: 1. Owner 2. Project In-Charge 3. Environment Consultants
24.	Additional Environmental Activities		Mr. Saurabh Jain (Partner) will be responsible for implementation of the Additional Environment Activities. Thus, under Additional Environment Activities, rejuvenation of pond or development of Nanak Bagichi in nearby village will be done for which Rs. 10 lakhs has been allocated. Further, issues raised during public hearing will be taken up.

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, the persons present at the venue may ask any question / query or seek any information or clarifications on the proposed expansion project from the project promoter. It was also brought into the notice of the people present there that for question / query or 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 for further consideration.

Accordingly, questions were asked and corresponding answers were given by the Environmental Consultant, which have been recorded 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. Ajmer Singh Nambardar S/o Sh. Ram Chand, Village Ajnali, District Fatehgarh Sahib	He expressed his happiness for the expansion of the unit as the unit will provide employment to the people. He further told that the youth of the Punjab is going to abroad for the employment whereas the unit will provide employment opportunities. He further told that earlier he had filed a complaint in the Punjab Pollution	Asstt. Environmental Engineer, Punjab Pollution Control Board, Regional Office, Fatehgarh Sahib informed that action will be taken on the complaint. He also given his mobile number for further enquiry. Environmental Consultant of the project proponent informed that three layer green belt will provided to control the air/noise pollution. He also informed that there will be no water pollution from the industry.

		<p>Control Board against the noise pollution against the industry located near their village, but he did not know what action has been taken on his complaint. He further expressed his happiness that there will not be any noise pollution from the industry as informed by the environmental consultant of the industry. He requested the Additional Deputy Commissioner, Fatehgarh Sahib that vegetable sellers when reached their village have caused pollution with the loud speaker, which should be banned.</p>	
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Environmental Engineer (Mega) requested the persons present in the public hearing time & again to seek information or clarifications on the project one by one, but no one came forward.

Additional Deputy Commissioner, Fatehgarh Sahib also requested the persons present in the public hearing time & again to seek information/clarifications, raise objection, give suggestions, on the project, but no one came forward.

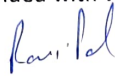
Thereafter, the Environmental Engineer (Mega), Punjab Pollution Control Board asked the people present in the public hearing to raise their hands who are in favour of this expansion project, almost all the people present raised hands in favor of this project. He then asked the people to raise their hands 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 61 persons.

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



(Malkit Singh)

Asstt. Environmental Engineer
Punjab Pollution Control Board,
Regional Office Fatehgarh Sahib



(Ravi Pal)

Environmental Engineer (Mega),
Punjab Pollution Control Board,
Head Office, Patiala



(Isha Singhal), PCS

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