



State Expert Appraisal Committee, Punjab
Ministry of Environment and Forests, Government of India

O/O Punjab Pollution Control Board,
 Vatavaran Bhawan, Nabha Road,
 Patiala – 147 001
 Telefax:- 0175-2215802

No. SEAC/176/35738

Dated 4/11/2009

Speed Post

To

M/s Sudershan Forge Pvt. Ltd.,
 Industrial Area-C, Kanganwal Road,
 VPO Jugiana, GT Road, Ludhiana.

Sub: Application for grant of environmental clearance for the replacement of existing induction furnace of capacity 4.5 T/heat with 2 no. induction furnaces of capacity 8 T/heat and installation of a steel rolling mills of M/s Sudershan Forge Pvt. Ltd., Industrial Area-C, Kanganwal Road, VPO Jugiana, GT Road, Ludhiana.

This has reference to your application for obtaining environmental clearance for the replacement of existing induction furnace of capacity 4.5 T/heat with 2 no. induction furnaces of capacity 8 T/heat each for the manufacturing of steel ingots @ 60,000 TPA (total including existing capacity). The industry has also proposed to manufacture TMT bars, angles, round etc. @ 60,000 TPA in its existing premises at Industrial Area-C, Kanganwal Road, VPO Jugiana, GT Road, Ludhiana. The case was considered in 30th meeting of State Expert Appraisal Committee held on **10/10/2009**.

After the detailed deliberations, the Committee observed that in view of the present scenario of Ludhiana city the project should not be exempted from the public hearing. The Committee decided that the industry should get the public hearing conducted through Punjab Pollution Control Board and also decided to categorize the project into category B-1, with the following Terms of Reference for Rapid Environmental Impact Assessment Study of the proposed project:-

1. Present land use based on satellite imagery. Study area should be 10 km.
2. Details of location of wildlife sanctuary and national parks within 10 km radius of the plant.
3. Site-specific micro-meteorological data including inversion height and mixing height.
4. Scheme of proper storage and handling of raw materials. Details of raw material, their sources and mode of transportation.
5. Details of the manufacturing process for all the products.
6. Detailed process flow sheet diagrams along with material and energy balance data on daily basis.

7. Details of the land and related documents should be provided.
8. Baseline data on air, water, soil and noise etc. for three months except monsoon season including one month data for winter season preferably in the month of December / January.
9. Ambient air quality monitoring (minimum 8 locations) modeling for plant.
10. Sources of secondary emissions, its control and monitoring as per the CPCB guidelines.
11. Details and design of air pollution control equipment. Provision of continuous emissions monitoring of the stacks.
12. Water balance cycle data including quantity of effluent to be generated, recycled and reused and discharged.
13. Permission for the withdrawal of water should be obtained from the Competent Authority.
14. Efforts made to minimize use of ground water. A chapter on hydrology study by the State Govt. may be included. Ground water monitoring minimum at 8 locations.
15. Risk assessment and damage control.
16. Occupational health of the workers should be provided.
17. Green belt (minimum 33%) development plan as per CPCB guidelines.
18. Socio-economic development activities need should be provided.
19. Compliance to the recommendations mentioned in the CREP guidelines.
20. Details of the solid and hazardous wastes alongwith their disposal arrangements.
21. Details of the TSDF / Secured land fill and copy of the membership for the plant.
22. Detailed environment management plan (EMP) with specific reference to air pollution control system, water management, monitoring frequency, responsibility and time bound implementation plan.
23. EMP should include the concept of waste-minimization, recycle / reuse / recover techniques, energy conservation, and natural resource conservation.
24. EMP should include a clear map for plantation / green belt.
25. Any litigation pending against the project or land acquired should be incorporated.
26. The issues raised during public hearing and public consultation should be presented in Tabular chart after incorporating and addressing the each issue.
27. A tabular chart for the point-wise compliance of the TOD should be provided.
28. All data in the EIA report must be presented in SI system of units.

29. Process flow sheet diagrams indicating complete material and energy balance (on separate diagrams) data on daily basis will be provided by the proponent.
30. The EIA report must have executive summary.
31. All ambient air quality, water and noise analysis is to be conducted from NABL accredited lab.
32. Impact of metallic contamination in environment i.e. existing and likely to increase after commissioning of project is to be provided.

The industry should prepare draft rapid EIA / EMP Report for its project based on above Terms of Reference and apply to the Member Secretary, Punjab Pollution Control Board for conducting public hearing as per the provisions of EIA Notification, 2006 on submitting EIA / EMP / Executive Summary Report prepared by the industry as per TORs.

After completing the process of public hearing / public consultation, the industry should submit final EIA / EMP to the State Expert Appraisal Committee after incorporating all the issues raised during public hearing / public consultation for Appraisal of its project.

(Malvinder Singh)
Secretary (SEAC)

Endst. No. _____

Dated _____

A copy of the above is forwarded to the following for information and necessary action :-

1. The Secretary to Govt. of India, Ministry of Environment & Forests, Govt. of India, CGO Complex, Lodhi Road, New Delhi.
2. The Director, Northern Regional Office, Ministry of Environment & Forests, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh.
3. The Member Secretary, State Environment Impact Assessment Authority, O/o Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
4. The Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
5. The Senior Environmental Engineer (Computer), Punjab Pollution Control Board, Head Office, Patiala. He is requested to display the approved Terms of Reference given to the industry on the website of State Environment Impact Assessment Authority.

(Malvinder Singh)
Secretary (SEAC)