



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/134/10957

Dated 27/3/2009

Speed Post

To

M/s Mukesh Udyog Ltd. (Steel Division),
Vill. Budhewal, Budhewal Road,
Near Kohara, Distt. Ludhiana.

Sub: Application for grant of environmental clearance of M/s Mukesh Udyog Ltd. to establish an Induction Furnace of 20 MT / Heat capacity at Vill. Budhewal, Near Kohara, Distt. Ludhiana.

This has reference to your application for grant of environmental clearance for setting up an Induction Furnace of 20 MT / Heat capacity at Vill. Budhewal, Near Kohara, Distt. Ludhiana. The case was considered in the 18th meeting of State Expert Appraisal Committee held on 31/1/2009.

After detailed deliberations on the presentation by the Members, it was decided to categorise the project into B1 category and that the project proponent should submit an Environment Impact Assessment Study Report. After further deliberations on the proposed Terms of Reference (TOR) suggested by the project proponent, the Committee approved the following Terms of Reference for Environmental Impact Assessment Study of the proposed project subject to the condition the industry will obtain the CLU from the competent authority **and State Expert Appraisal Committee in no way will be responsible for any loss incurred by the industry in case of denial of CLU by the Competent Authority:-**

1. All the coordinates of the plant site should be provided with toposheet.
2. The study area should cover an area of 10 km. radius around the proposed site.
3. Land use of the study area as well as the project area shall be given.
4. Location of any National Park, Sanctuary, Elephant / Tiger Reserve (existing as well as proposed), eco-sensitive area, interstate boundary, migratory routes, if any, within 10 km. of the project site shall be specified and marked on the map.
5. Layout map of 500 metre radius around the project site indicating important buildings, existing residential areas, if any.
6. One season site-specific micro-meteorological data (except monsoon) using temperature, relative humidity, hourly wind speed and direction and rain fall shall be provided.
7. One complete season Ambient Air Quality (AAQ) data from the NABL accredited lab alongwith the copies of the test report (except monsoon) to be given alongwith the dates of monitoring. The parameters to be covered shall include SPM, RSPM, Lead, SO² and NO_x. Monitoring shall be carried out for at least 6 different locations all around the project within 10 km. radius. The location of the monitoring stations should be so decided so as to take into consideration the pre-dominant downwind

- direction, population zone and sensitive receptors including reserved forests. There should be at least one monitoring station in the upwind direction.
8. An action plan to control and monitor primary and secondary fugitive emissions as per CPCB guidelines should be provided.
 9. Impact of the project on the AAQ of the area, details of the model used and the input data used for modelling should also be provided. The air quality contours may be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any. The wind roses should also be shown on this map.
 10. Source of water and its availability. Commitment regarding availability of requisite quantity of water from the competent authority.
 11. Detailed report regarding recirculation of cooling water and to ensure zero discharge of cooling water.
 12. Characteristics of dust emissions to be generated from the process and details of pollution control measures to be taken.
 13. Occupational safety aspects should be studied and brought out clearly in the EIA study report.
 14. Details of the slag to be generated from the process; its characteristics and measures for safe handling / disposal of slag.
 15. Details of green belt i.e. land with not less than 1000 trees per hectare giving details of species, width of plantation, planning schedule etc.
 16. Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
 17. Environment Management Plan (EMP) to mitigate the adverse impacts due to the project along with item-wise cost of its implementation.
 - 18. Details of mitigation measures to ensure that the ambient noise level in and around the plant area shall conform to the standards prescribed under EPA, Rules.**
 19. Risk assessment to be undertaken. Based on the same, proposed safeguard measures should be provided.
 20. Any litigation pending against the project and / or any direction / order passed by any Court of Law against the project, if so, details thereof.
 21. A detailed environmental protection budget would also be presented and earmarked.

The source of getting secondary data, wherever applicable, should be intimated alongwith its reference. Generic structure of Environment Impact Assessment Document, given in Appendix-III of EIA Notification 2006 shall be followed in preparation of Rapid Environmental Impact Assessment report.

Besides the above, the following general points / guidelines will also be followed:

- a) All documents to be properly referenced with index, page numbers and continuous page numbering. A uniform system of units (SI) to be used while reporting data.
- b) Where data is presented in the report especially in table, the period in which the data was collected and the source should invariably be indicated.

- c) The list of abbreviations used in preparing the report should be given in a separate index.
- d) All the units should be in S.I. system.
- e) All the analysis results of water, air and soil should be from NABL accredited lab.

The industry should prepare draft EIA / EMP Report for its project based on above Terms of Reference (TOR) and apply to the Chairman, Punjab Pollution Control Board for conducting public hearing as per EIA Notification, 2006 on submitting EIA / EMP prepared by the industry as per TORs.

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

Secretary (SEAC)

Endst. No. 10958-62

Dated 27/3/2009

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, 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.

Secretary (SEAC)