

State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No: F 1(4)/SEIAA/SEAC-Raj/Secr/Project/ Cat 3(a). B (111)/08-09

Jaipur, Dated: 26.11.09

To,

M/s Mittal Pigments Pvt. Ltd.
A-203, Indraprastha Industrial Area,
Road No. 5,
Kota.

Sub: EC for Non Ferrous Metals & Salts and Precious Metals & Salts Production Unit of M/s Mittal Pigments Pvt. Ltd. proposed at A-203, IPLA Kota by Shri Ramesh Agarwal M/s Mittal Pigments Pvt. Ltd. A-203, Indraprastha Industrial Area, Road No. 5, Kota.

Sir,

This has reference to your application No Nil dated 19-12-08 seeking environmental clearances for the above project under EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification 2006 on the basis of the mandatory documents enclosed with the application viz. the questionnaire, EIA, EMP and additional clarifications furnished in response to the observation of the State Level Expert Committee Rajasthan, in its meetings held on 29/30.05.09, 27/28-08.09 & 29.9.09.

2. Brief details of the Project:

1. Category: "B-1"
2. Item No.(in the Schedule): 3 (a) (c) (Secondary metallurgical Processing Industry), (ii) All other non toxic secondary metallurgical Processing Industry.
3. Location of Industry/Project: Plot No. A-203, Indraprastha Industrial Area, Road No. 5, Kota- 324005 (Rajasthan). The area is notified and developed by RIICO.
4. Plot Area: Not indicated in the Application and Other Documents.
5. Product & Capacity: (1) Total Capacity - 18,000 TPA.
(2) Products - Non Ferrous Metals & its salt (Copper, Zinc, Nickel, Lead, Cadmium, Cobalt, Manganese, Arsenic, and Antimony), and Precious Metals & its salts (Silver, Gold and Selenium)
6. Expected Cost: Rs 93.00 Lakhs.
7. Water Requirement & Source: 3 KLD from Bore-well. (For Process 1 KLD & Domestic 2 KLD).
8. Fuel & Energy: (i) Power supply: 0.20 MW from RSEB.
(ii) One DG set of 250 KVA.
(iii) Fuel (F.O. / H.S.D.)- 3 KLD from IOCL.
9. Pollution Control Measures Suggested and Environmental Management Plan. (i) Hood/Ducting/Cyclone/Bag House and Stack for melting section.
(ii) Ducting system for refining section.
(iii) Acoustic Enclosure for DG set.
(iv) Green belt Development.
(v) An outlay of Rs. 14.00 lakhs is proposed for Environmental Management Plan to take up various measures. (i.e. equipments and machinery for melting section; refining section; acoustic enclosure; green belt development, occupational health, safety & fire fighting, laboratory & monitoring etc.)
10. Status of Project: (1) This is an existing unit involved in manufacturing specialty chemicals since 1993. This Small Scale Industrial unit is located in a Notified Indraprastha Industrial Kota, therefore, any detailed EIA and public hearing is not required.
(2) Under the expansion plan, the production capacity is to be increased to 18,000 TPA for manufacture/recovery of various metals and its salts.
(3) Unit has proposed to set up Non Ferrous metals and its salt (Copper, Zinc, Nickel, Lead, Cadmium, Cobalt, Manganese, Arsenic and Antimony) and precious metals and metal salts (silver, gold and selenium), manufacturing facility with a capacity utilization of 70% in 1st year, 80% in 2nd year, and 90% in 3rd year.

3. The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have recommended for Environmental Clearance with certain stipulations. The SEIAA Rajasthan after considering the proposal and recommendations of the SEAC Rajasthan hereby accord Environmental Clearance, to the project as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:
- i. The PP shall undertake periodic monitoring of "Keeta (Sludge)" and maintain relevant record.
 - ii. The PP shall obtain proper registration from CPCB for recycling/reprocessing of hazardous waste, maintain proper passbook and shall not commence processing without the registration.
 - iii. This EC is valid for the following products and total capacity:
Product & Capacity - (1) Products - Non Ferrous Metals & its salt (Copper, Zinc, Nickel, Lead, Cadmium, Cadmium, Manganese, Arsenic, and Antimony), and Precious Metals & its salts (Silver, Gold and Selenium).
(2) Total Capacity - 18,000 TPA.
 - iv. Total water requirement shall be limited to 3 KLD (for Process 1 KLD & Domestic 2 KLD) to be drawn from bore-well
 - v. The PP shall achieve the stack emission standards and ambient air standards as notified under EP Rules'86.
 - vi. The height of the stack for disbursement of the process emissions shall not be less than 30.00 Mtrs from ground level.
 - vii. The PP shall operate his unit with prior Consent to Establish and Consent to Operate under the provisions of Water (Prevention & Control of Pollution) Act'74 and Air (Prevention & Control of Pollution) Act'81.
 - viii. The particulate matter and gaseous emissions (SO_x, NO_x, CO, CO₂, oxides of Lead and other metals etc) from various processes/units/storages should conform to the standards prescribed by the RPCB./CPCB or under the Environment (Protection) Rules'86 from time to time.
 - ix. Portholes and sampling facilities should be provided for the stacks emissions monitoring as per the CPCB guidelines. Stack emissions should be monitored in consultation with RPCB.
 - x. At no time, the emissions should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.
 - xi. Ambient air quality monitoring stations should be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO_x, NO_x, CO, CO₂, Pb and metallic oxides are anticipated in consultation with RPCB. The proponent should submit one month data of any season to support the data provided
 - xii. Data on ambient air quality and stack emissions should be submitted to Rajasthan Pollution Control Board once in six months carried out by MOEF/NABL/CPCB/Government approved lab.
 - xiii. The total water requirement should not exceed to 3 KLD, (i.e. for domestic use 2 KLD and Quenching and other uses - 1 KLD (Industrial use - Nil as the process is dry). Water requirement shall be met by RIICO Water Supply System, or other sources. No ground water extraction shall be permitted within the premises without prior permission of the CGWA.
 - xiv. The PP should provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste battery/waste sludge/lead ingots.
 - xv. The waste slag of the process is hazardous in nature and, therefore, must be handled as per the provisions of Hazardous Waste (Management, Handling & Trans boundary Movement) Rules, 2008. Authorization is to be obtained from Rajasthan State Pollution Control Board for its management and disposal.

- xvi. Handling, manufacture, storage and transportation of hazardous chemicals should be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 (amended till date).
- xvii. Adequate measures for the control of noise should be taken so as to keep the noise levels below 85 dB (A) in the work environment. Persons working near the machines should be provided with well-designed ear muffs/plugs and other personnel protective equipments.
- xviii. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point should be established.
- xix. Efforts should be made to increase green belt all around the premises. Native plant species should be selected for this purpose in consultation with the local Forest Department. A green belt development plan be prepared and implemented so as to cover at least 33% area of the plot size.
- xx. A qualified person in the field of environment or separate Environmental Management Cell to be established to implement and carry out various functions is set up under the control of a Senior Executive who will report directly to the head of the project.
- xxi. It will be ensured that no employee or worker remains on duty within the plant premises for more than 8 hours per day in one stretch. No residential facilities (even for security staff) within the factory premises will be provided.
- xxii. Periodical medical check up especially for the presence of Lead in the blood of the workers should be done in six months and records be submitted.
- xxiii. The funds earmarked for the environmental protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure should be reported to the Rajasthan State Pollution Control Board under the rules prescribed for environmental audit.
- xxiv. Implementation of the environmental safeguards like fire fighting, water harvesting etc. along with socio economic measures like group insurance, free medical facilities, ESI/EPF facilities to the employees as envisaged under the Environmental Management Plan, detailed are to be submitted to the RPCB.
- xxv. A voluntary commitment of the Social responsibility activities to be undertaken by the project proponent is to be given and the budgeted amount proposed for such activity will be kept.
- xxvi. The PP shall provide to following documents to RPCB, while applying for CTE and/or CTO:
- Supplementary details of air pollution control measures (like the length/diameter/poresize/ number of bag filters).
 - Monitor and report fugitive emission within work area.
 - Result of ambient air monitoring for all parameters including CO₂.
 - Plan for hazardous waste monitoring including quantity and quality.
- xxvii. The PP shall ensure taking necessary steps on urgent basis to improve the living conditions of the labour at site.
- xxviii. The PP shall ensure that, the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company's website and displayed at the project site.
- xxix. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow and Rajasthan State Pollution Control Board.
- xxx. The SEIAA, Rajasthan reserves the right to add new conditions, modify/ annual any condition and/or to revoke the clearance if implementation of any of the condition stipulated by SEIAA, Rajasthan or any other competent authorities is not satisfactory.

Yours faithfully,

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(Sankatha Prasad)
Member Secretary
SEIAA Rajasthan

Copy to following for information and necessary action:

1. Secretary, Ministry of Environment and Forest, Govt. of India, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi.
2. Principal Secretary, Environment Department, Rajasthan, Jaipur.
3. Shri S.C. Derashri, Chairman, SEIAA Rajasthan, 90, Geejgarh Vihar, Hawa Sarak, Jaipur.
4. Shri R.S. Bhandari, Member, SEIAA Rajasthan, 2- Museum Road, Ram Niwas Bagh, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur.
- ✓ 6. Member Secretary, SEAC Rajasthan.
7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow-226 020.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.


M.S. SEIAA (Rajasthan)