

State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No: FI(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat 5(f).B (189)/ 08-09 /

Jaipur, Dated:

24.12.09

To,

M/s KSJN Chemicals Pvt. Ltd.

First Floor, Mahalaxmi Plaza

Sector 5, Rajendra Nagar

Sahibabad

Sub: EC for proposed KSJN Chemicals Pvt. Ltd. at A-321 (B), Matsya Industrial Area, Alwar by M/s KSJN Chemicals Pvt. Ltd. at First Floor Mahalaxmi Plaza Sector 5 Rajendra Nagar Sahibabad.

Sir,

This has reference to your application No Nil dated 08-06-09 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 27/28.08.09 & 18/19.11.09.

2. Brief details of the Project:

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| 1. Category: | "B - 1" |
| 2. Item No.(in the Schedule): | "5 (f)" (Synthetic Organic Chemicals Industry). |
| 3. Location of Project | Plot No. A-321 (B), RIICO Matsya Industrial Area, Alwar. |
| 4. Plot Area | 8141.00 M ² |
| 5. Product & Capacity: | 1) Aza-di-carbonamide (ADC) - 1650 MTA.
2) Di-nitroso-pentamethylentetramine (DNPT) - 330 MTA. |
| 6. Expected Cost: | Rs 12.30 Crores. |
| 7. Water requirement & Source | <u>60 KLD (i.e.57.50 KLD for Industrial purposes-boiler, cooling tower etc. and 2.50 KLD for Domestic Purpose)</u> Source: Ground Water (Bore Wells) & RIICO Supply. |
| 8. Fuel & Energy: | Power requirement is 990 KVA, to be met from JVVNL. For power back up, 1 DG Set of 500 KVA is to be installed, which will use Diesel as fuel @ about 250 liters/day.
Boiler with a capacity of 2 TPH for generating steam will be installed and use pet coke as a fuel @1.5 MT/day of. |
| 9. Environmental Management Plan | 33.16 % area of the Total Plant Area will be under green cover. Rs. 80.00 Lacs have been proposed for the environmental management programmes like installation of Septic tank & ETP etc. It has an ETP of capacity 30 KLD, which is designed for 40 KLD. Half of the volume of treated effluent shall be put in to RIICO drain and the remaining volume utilized for plantation/general washing etc. Domestic effluent shall be treated and disposed through septic tank+ soak pit arrangement |


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. As envisaged, the PP shall ensure the implementation of the commitments in respect of addressing Environmental and Social issues. The PP shall ensure providing 33.16 % area of the total plant area under green cover; spending Rs. 80.00 Lacs for the environmental management programmes {like installation of Septic tank & ETP etc; providing an ETP of capacity 30 KLD, which is designed for 40 KLD; half of the volume of treated effluent shall be put in to RIICO drain and the remaining volume utilized for plantation/general washing etc ; domestic effluent shall be treated and disposed through septic tank+ soak pit arrangement}; and Rs. 2.00 lakhs per year respectively.
- ii. The production capacity of the industry shall be limited for production of (1) Aza-di-carbonamide (ADC) @ 1650 MTA and (2) Di-nitroso-pentamethylenetetramine (DNPT) - 330 MTA.
- iii. Water consumption shall be limited to 60 KLD (i.e.57.50 KLD for Industrial purposes – boiler, cooling tower etc. and 2.50 KLD for Domestic Purpose) and the source of water shall be bore wells & RIICO Supply.
- iv. The PP shall achieve the stack emission standards and ambient air standards as notified under EP Rules, 1986.
- v. The height of the stack for disbursement of the process emissions shall not be less than 30.00 Mtrs. from ground level.
- vi. The PP shall obtain the approval from the SE of
- vii. The PP shall operate its unit with prior Consent to Establish and Consent to Operate under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.
- viii. The particulate matter and gaseous emissions (SO_x, NO_x, CO, CO₂, etc) from various processes/units/storages should conform to the standards prescribed by the State Pollution Control Board /Central Pollution Control Board or under the Environment (Protection) Rules'86 from time to time.
- ix. 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.
- x. 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, are anticipated in consultation with Rajasthan State Pollution Control Board.
- xi. 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.
- xii. Data on ambient air quality and stack emissions should be submitted to RPCB, once in six months carried out by MOEF/NABL/CPCB/ Govt approved lab.
- xiii. 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.
- xiv. 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.
- xv. 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).
- xvi. 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.
- xvii. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point should be established.
- xviii. 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.
- xix. 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.
- xx. The PP will ensure 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.
- xxi. 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.

- xxii. A voluntary commitment taking up social responsibility through various activities to be undertaken by the project proponent is to be given and the budgeted amount proposed for such activities will be kept. Periodical medical check up of the workers should be done in six months and records maintained.
- xxiii. **The PP shall ensure taking necessary steps on urgent basis to improve the living conditions of the construction labour at site.**
- xxiv. **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.**
- xxv. The SEIAA, Rajasthan reserve the right to add new conditions, modify/ annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow and RPCB.

Yours faithfully,


(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)