

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/Sectt/Project/ Cat 5f.B1 (119)/08-09

Jaipur, Dated: 26.11.09

To,

M/s Amzole India Pvt. Ltd.

41, Udhog Vihar,
RIICO Industrial Area,
Sukher
Udaipur-313004

Sub: EC for Forward Integration of existing Glyoxal Manufacturing facility to drug intermediate Glyoxylic Acid -50 % by Sh. K.S. Matharu M/s Amzole India Pvt. Ltd. 41, Udhog Vihar, RIICO Industrial Area, Sukher Udaipur-313004.

Sir,

This has reference to your application No Nil dated 26-3-09 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 & 29.9.09.

2. Brief details of the Project:

1. Category B.
2. Item No.(in the list of Schedule) 5 (f)
3. Location of Industry 41, Udhog Vihar RIICO Industrial Area, Sukher Udaipur-313004.
Latitude: & Longitude: - Not Mentioned
4. Plot Area Total 4,200 Sq. mt.
5. Production Capacity

Item	Name of Product	Production Capacity
Main Product	GLYOXYLIC ACID-50%	2500Mt./Year; 7.5 Mt./Day
By Products	OXALIC ACID	425 MT/Year; 1275 Kg/Day
By Products	SODIUM NITRATE	60Mt/Year; 175 Kg/Day

6. Expected Cost Rs. 200.00 Lacs
7. Water Requirement & Source No additional Quantity of process water is required.
8. Status of Project The Proponent, M/s Amzole India Pvt. Ltd (P) Ltd is an existing company manufacturing Glyoxal- 40%. Looking to the requirement of country in future, the company has planned forward integration of existing facility to converts existing product Glyoxal to Glyoxylic Acid - 50% . This Industrial unit is located in a notified Udhog Vihar, RIICO Industrial Area, Sukher Udaipur, therefore, any detailed EIA and public hearing is not required.

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 not generate any hazardous waste.
- ii. The EC is limited to the production of the following items:

ITEM	NAME OF PRODUCT	PRODUCTION CAPACITY
Main Product	GLYOXYLIC Acid-50%	2500 MTA; 7.5 MT/day
By Product	OXALIC ACID	425 MTA; 1275.00 Kg/day
By Product	SODIUM NITRATE	60.00 MTA; 175 Kg/day

- iii. The expected quantity of water generation from process shall be approximately 9400 litres/day, which shall be recycled as described below:


S. No.	Water output	Volume of water LPD
1.	Going with 50% Glyoxylic Acid.	3750
2.	Vented in atmosphere	0250
3.	Transferred to Glyoxal Feed	5400
Total		9400

Thus, any industrial wastewater shall not be generated.

- iv. The PP shall achieve the stack emission standards and ambient air standards as notified under EP Rules'86.
- v. The PP shall provide a "Seven Stage Alkali Scrubber System for arresting fumes of Aldehydes and NO_x gases (generated during oxidation of Glyoxal by Nitric Acid and concentration/evaporation phase)" to control process emissions and recover "Sodium Nitrate". The height of the vent/stack on scrubber for disbursement of the process emissions shall not be less than 31.00 Mtrs from ground level. Besides, the height of a separate stack attached to cyclonic separator and dust collector on Thermo pack boiler shall be 100 ft above the ground level.
- vi. The PP shall ensure earmarking of fund and implementation of the EMP as envisaged in letter and spirit.
- 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, 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. 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, in consultation with Rajasthan State Pollution Control Board.
- xi. Portholes and sampling facilities should be provided for the stacks emissions monitoring as per the Central Pollution Control Board guidelines. Stack emissions should be monitored in consultation with Rajasthan State Pollution Control Board.
- xii. Data on ambient air quality and stack emissions should be submitted to Rajasthan State Pollution Control Board once in six months carried out by MOEF/NABL/CPCB/Government approved lab.
- xiii. The PP should provide separate drainage and outlets with the precaution that the storm water shall not come into contact with domestic sewage.
- xiv. Adequate measures for the control of noise should be taken so as to keep the noise levels below 55 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.

- xv. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point should be established.
- xvi. 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.
- xvii. 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.
- xviii. 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.
- xix. Periodical medical check up of the workers should be done in six months and records be submitted.
- xx. 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.
- xxi. 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.
- xxii. 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.
- xxiii. 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.
- xxiv. 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.
- xxv. The SEIAA, Rajasthan reserves the right to add new conditions, modify/annual any of the stipulated conditions 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,


(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)