

# State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No: F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.5(f)B2(283)/08-09

Jaipur, Dated:

To,

M/s Ajanta Polymers Pvt.,  
A-321, 321 (A),  
Matasya Industrial Area,  
Alwar.,

*C.O.P.*  
*21-7-10*

**19 JUL 2010**

**Sub:** EC for proposed "Ajanta Polymers Pvt. Ltd."- synthetic organic chemicals manufacturing unit at plot no. A-321, 321 (A), Matasya Industrial Area, Alwar

Sir,

This has reference to your application dated 29.04.10 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 meeting held on 26/27.5.10.

**2. Brief details of the Project:**

1. Category & Item no. (in the Schedule) " 'B' 5 (f).
2. Location of Industry/ Project" A-321, 321 (B) MIA, Alwar.
3. Plot Area:- 10,920 sq. mt.
4. Product & Capacity Azo-di-carbonamide (ADC) -2400 MTA.  
Di-nitroso-pentamethylenetetramine (DNPT)-500 MTA.
5. Expected Cost:- Rs. 335.75 lacs.
6. Water Requirement & Source

Purpose	Water Demand (KLD)
1. Industrial: (a) manufacturing process	37.5
(b) cooling tower	<u>23.0</u>
(c) Total	<u>57.5</u>
2. Drinking and domestic purpose	02.5
<b>Total (1+2)</b>	<b>60.0</b>

Source of supply:-

Item	Water to be drawn (KLD)
1. Ground water supply through bore wells	50.0
2. Water supply from RIICO	10.0
<b>Total (1+2)</b>	<b>60.0</b>

Note:- (1) The P.P. has applied to CGWA for NOC for ground water abstraction on 31.3.2009. (2) The PP has obtained NOC letter from RIICO for water supply vide their No. 3950 dt. 09.03.2010

7. Fuel & Energy:- (1) Total power requirement -990 kVA, Source:- JVVNL.  
(2) One DG set of 500 kVA capacity for power back up will be installed. About 250 ltrs./day of diesel will be required.
8. Environment Management Plan:- (1) 33.16% area of the total plant area will be under green cover.  
(2) Financial allocation for Environmental Protection Measures (in lac Rs.)

Particulars	Capital Cost	Annual Recurring cost
1. Air Pollution Control	12.00	1.20
2. Water Pollution Control	10.00	1.00
3. Noise Pollution Control	3.00	0.50
4. Environment Monitoring, Management and Safety	2.00	0.50
5. Occupational Health/CSR activities	5.00	1.00
6. Green belt	2.00	2.00
<b>7. Total</b>	<b>34.00</b>	<b>6.20</b>

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% area of the total plant area under green cover; spending Rs. 34 Lacs as initial capital cost and there after Rs. 6.20 lakhs per year towards annual recurring cost for the environment protection programmes.
  - ii The production capacity of the industry shall be limited for production of Azo-di-carbonamide (ADC) @ 2,400 MTA. and Di-nitroso-pentamethylenetetramine (DNPT) @ 500 MTA., total limited to 2,400 MTA.
  - iii Water consumption shall be limited to 60 KLD (i.e. 57.5 KLD for Industrial purposes i.e. manufacturing process & cooling tower and 2.5 KLD for Domestic Purpose) and the source of water shall be bore wells & RIICO Supply.
  - iv For withdrawing ground water from bore wells, prior approval from the Central Ground Water Authority shall be obtained (compliance to be submitted to RPCB along with application for CTE.).
  - v The PP shall achieve the stack emission standards and ambient air standards as notified under E.P. Act 1986, Rules made their under, and their subsequent amendments.
  - 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 obtain the approval from the SE of JVVPNL for the drawl/distribution scheme of electricity.
  - viii 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, Rules made their under, and their subsequent amendments.
  - ix The particulate matter and gaseous emissions (SO<sub>x</sub>, NO<sub>x</sub>, CO, CO<sub>2</sub> etc) from various processes/units/storages shall conform to the standards prescribed by the Rajasthan State Pollution Control Board /Central Pollution Control Board or under the Environment (Protection) Rules'86 from time to time.
  - x At no time, the emissions shall 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 shall be set up in the down wind direction as well as where maximum ground level concentration of PM<sub>10</sub> & PM<sub>2.5</sub>, SO<sub>x</sub>, NO<sub>x</sub>, CO, CO<sub>2</sub>, are anticipated in consultation with Rajasthan State Pollution Control Board.
  - xii Portholes and sampling facilities shall be provided for the stacks emissions monitoring as per the CPCB guidelines. Stack emissions shall be monitored in consultation with RPCB.
  - xiii Data on ambient air quality and stack emissions shall be submitted to RPCB, once in six months carried out by MOEF/NABL/CPCB/ Govt approved lab.
  - xiv The PP shall provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste sludge.
  - xv The unit shall obtain proper authorization from Rajasthan State Pollution Control Board, if it generates any waste which falls under the purview of HWMHR-2008 (amended till date).
  - xvi Handling, manufacture, storage and transportation of hazardous chemicals shall be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 (amended till date). PP shall carry out regular chlorine monitoring at the plant and provide a yearly statement on the preparedness of the chlorine leakage protection systems.
  - xvii Adequate measures for the control of noise shall be taken so as to keep the noise levels below 85 dB (A) in the work environment. Persons working near the machines shall 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 shall be established.
  - xix Efforts shall be made to increase green belt all around the premises. Native plant species shall be selected for this purpose in consultation with the local Forest Department.
  - 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 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.
  - xxii The funds earmarked for the environmental protection measures shall be kept in separate account and shall not be diverted for other purposes and year wise expenditure shall be reported to the Rajasthan State Pollution Control Board under the rules prescribed for environmental audit.
  - xxiii 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 shall be kept. A sum of rupees at least equal to 1% of annual profit in the balance sheet may be kept earmarked for socio economic up-liftment activities of the area particularly in the area of habitat, sanitation, health or education. Item wise break up in this regard may be submitted to RPCB at the time of applying for CTE/CTO.
  - xxiv Periodical medical check up of the workers shall be done in six months and records maintained.
  - xxv The PP shall ensure taking necessary steps on urgent basis to improve the living conditions of the construction labour at site.
  - xxvi 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.



xxvii 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's Regional Office, Lucknow and RPCB.

Yours faithfully,

*Sd/-*  
(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. Secretary, SEAC Rajasthan.
7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5<sup>th</sup> Floor, Sector 'H', Aliganj, Lucknow-226 020.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

*M.S.*  
M.S. SEIAA (Rajasthan)