State Level Environment Impact Assessment Authority, Rajasthan  
4, Institutional Area, Jhalana Doongri, Jaipur-302004  
Phone: 0141-2705633, 2711329 Ext. 361  
Jaipur, Dated: 23 JUN 2010

No: Fl(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.5(a)B.(269)/09-10

To,

M/s Jagdamba Phosphates  
(A Unit of Jagdamba Pesticides Pvt. Ltd.),  
C/o 22, Small Scale Industrial Area,  
Kota.

Sub: EC for the proposed "Single Super Phosphate Plant" at plot 20 B, Bhimpura Industrial Area, Chemical Zone, Near Jagpura, Tehsil Ladpura, Kota.

Sir,

This has reference to your application dated 11.3.10 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 28/29.4.10.

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

1. **Category & Item no.**  
   (in the Schedule)  
   5(a) B2, Single Super Phosphates (Chemical Fertilizers)

2. **Location of Industry/Project:**  
   Plot no. 20 B, Bhimpura Industrial Area Chemical Zone, Near village- Jagpura, Tehsil – Ladpura, District-Kota.

3. **Plot Area:**  
   9712 m², Built up Area 4428 m².

4. **Product & Capacity**  
   (i) Single Super Phosphates  
   (ii) Granulated Single Super Phosphates  
   400 TPD  
   100 TPD

5. **Expected Cost:**  
   Total Project Cost  
   Rs. 1650 lacs

6. **Water Requirement & Source**  
   Total 24

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Requirement (m³/day)</th>
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<tbody>
<tr>
<td>Industrial activities-</td>
<td></td>
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<tr>
<td>(a) for 400 TPD of SSP</td>
<td>10</td>
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<tr>
<td>(b) for 100 TPD of granular SSP</td>
<td>10</td>
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<tr>
<td>Domestic use</td>
<td></td>
</tr>
<tr>
<td>Green Belt development</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
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**Source:** Ground water through tube wells

7. **Fuel & Energy:**  
   (i) Power requirement - 375 KW – to be drawn from Ajmer V.V.N.L  
   (ii) DG sets capacity – 250 KVA – to be installed for use in emergency  
   (iii) HSD requirement – 120 liter /day – required for DG set.

8. **Environment Management Plan:**

   (1) The PP has stated in the “Chapter-6- Summary and Conclusion of the Technical / EIA Report” that all Possible environment aspects will be adequately assessed and necessary control measures will be formulated to meet with statutory requirement. Thus implementing this project will not have any appreciable negative impacts.

   (2) In the project report the PP has given a list of 8 Pollution Control equipments to be provided for the Unit. However the information regarding budgetary outlay for initial capital investment and there after annual recurring expenditure for implementing the EMP has not been furnished in the Report.

9. **Present Status:**

   1. The PP is a LOI holder on behalf of RIICO and Bureau of Investment Promotion (BIP), Rajasthan and intends to setup the proposed Single Super Phosphates manufacturing plant in the plot of land allotted in Bhimpura Industrial Area, Chemical Zone, District- Kota.

   2. The PP has obtained registration from DIC Kota as small scale manufacturing unit for Single Super Phosphate with and installed capacity of 1,50,000 MT/anum.

   3. According to DIC registration, the expected schedule of commencement of production / activity is June, 2010.
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 and earmark an amount required for this purpose.

ii. The production capacity of the industry shall be limited to production of Single Super Phosphates @ 400 TPD and Granulated Single Super Phosphates @100 TPD.

iii. Water consumption shall be limited to 24 KLD (i.e. 20 KLD for Industrial purposes—boiler, cooling tower etc., 3 KLD for Domestic Purpose and 1 KLD for green belt development) and the source of water shall be tube wells.

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 CTE.).

v. The PP shall achieve the stack emission standards and ambient air standards as notified under E.P.Rules’86 and its 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 Ajmer V.V.N.L 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.

ix. The particulate matter and gaseous emissions (SO2, NOx, CO, CO2 etc) from various processes/units/storages shall 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.

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 PM10 & PM2.5, SO2, NOx, CO, CO2, and F (Total) are anticipated in consultation with Rajasthan State Pollution Control Board.

xii. The project proponent shall carry out regular monitoring of air emissions of HF, F etc (at source, work environment and ambient air) and assessment of performance of Air pollution control arrangements.

xiii. 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.

xiv. The PP shall draw the Safety, Health & Environment (SHE) Plan and submit to RPCB.

xv. 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.

xvi. The PP shall provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste sludge.

xvii. 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.

xviii. Handling, manufacture, storage and transportation of hazardous chemicals shall be in accordance with the

xix. 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.

xx. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.

xxi. 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. A green belt development plan be prepared and implemented so as to cover at least 33% area of the plot size.

xxii. 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.

xxiii. 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.
xxiv. 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.

xxv. The PP will carry out proper Socio-economic survey of the villages situated in the study area. Based upon its findings and keeping in view the felt needs of local populations, the PP will provide adequate budget for carrying out CSR activities.

xxvi. As envisaged, the PP shall provide an amount of Rs. 2.00 Lacs per annum for voluntarily undertaking commitment towards social responsibility through various activities. The item wise and activity wise breakup of total funds allocated by the PP shall be submitted to the RPCB. Periodical medical check up of the workers shall be done in six months and records maintained.

xxvii. The PP shall ensure taking necessary steps on urgent basis to improve the living conditions of the construction 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. 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.
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, 5th Floor, Sector 1H, Aliganj, Lucknow-226 020.
8. IA-Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

M.S. SEIAA (Rajasthan)