



State Environment Impact Assessment Authority, M.P.  
(Government of India, Ministry of Environment & Forests)

Environmental Planning Coordination Organization (EPCO)  
Paryavaran Parisar, E-5. Arera Colony  
Bhopal-4620 16

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No: 3621 /SEIAA/2015

19.2.15


✓ To,  
Mr. Rajkumar Suhane, Managing Director,  
M/s Agro Phos(India) Ltd.,  
M-87, Trade Centre, 18, South Tukoganj,  
Indore (M.P.) – 452001

**Case no. 1247/2013**, Prior Environmental Clearance for Single Super Phosphate (Powder/Granulated) production capacity 115500 MT/Year, (b) Dicalcium Phosphate – (DCP) 3300 MT/Year at Plot No.- 135-A, 136-A II, 137-A & 138-A, plot area 8821 sqmt. Industrial Growth Centre – Meghnagar, Distt. - Jhabua (M.P.) by Mr. Rajkumar Suhane, Managing Director, M/s Agro Phos(India) Ltd.. M-87, Trade Centre, 18, South Tukoganj, Indore (M.P.) – 452001 email: [agrophos@rediffmail.com](mailto:agrophos@rediffmail.com) (Consultant Eco Chem Sales and Service Pollution Control Consultant, Surat, Gujrat).

**Ref:** Your application dtd. 21.01.13 received in SEIAA office on 13.02.2013

With reference to above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14<sup>th</sup> September 2006 and its amendment, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, ToR, EIA Report and additional clarifications furnished in response to observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i). The proposed project is for the manufacture of SSP (powder / granulated), and Di calcium Phosphate. The production capacity planned is as follows: Single Super Phosphate SSP (Powder / Granulated) – 115,500MT/Year & Di calcium Phosphate (DCP) – 33,00 MT/Year. The project is covered under 5 (a) category B of the Schedule of EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533(E), dtd. September 14, 2006 and its amendments.
- (ii). The total land area of the project is 8821 sq.m., Indore allotted the land for project plots nos. 135-A & 138-A for area of 5521 sq.mt. (vide letter dtd 06.07.11 MPAKVN) and for plot no. 136 A II & 137 A. for an area of 3300 sq.m. amended lease dtd. 08.04.2011 has been made with MPAKVN, Indore.

  
(Ajatshatru Shrivastava)  
Member Secretary

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- (iii). There is no Wildlife Sanctuaries, National Parks, and Tiger Reserves within 05 km of the boundary, hence, general conditions are not attracted.
- (iv). The project is located in notified Industrial Growth Centre – Meghnagar, Distt, - Jhabua (M.P.) approved by AKVN and public hearing is not required as per MoEF, Gol O.M. dtd. 10.12.14 issued under EIA notification, 2006.
- (v). The total water requirement is 325 KLD (Fresh Water 190 KLD + Recycled 135KLD). PP has submitted copy of NOC dtd 31.12.14 from AKVN regarding supply of 190000 liter per day of water.
- (vi). The effluent generation from the process is proposed to be recycled 100% and there will be zero discharge. The domestic effluent will be treated in Septic tank.
- (vii). PP has proposed to provide three stages Fluorine Scrubber System for collection of fluorine from Acidulation process.
- (viii). Approximately 0.75 MT/year hazardous waste will be generated from the industry as spent oil from DG sets, which is proposed to be reused for lubrication to the maximum extent and balance will be sold to authorized re-processor.
- (ix). Out of total plot area 8821 sq.mt. an area of 4000 sq. m. will be used for green belt. The species proposed for green belt include banyan, peepal, rubber, palash, dalbergia trees Hibiscus, Eforbia, Caesalpinia etc along with shrubs and ground covers.
- (x). PP has provided CSR plan with financial provision of 5% of the total cost of the project towards Social Welfare programme in a period of ten years.

Based on the information submitted at Para ii to x above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 175<sup>th</sup> meeting held on 13.01.2015 and decided to accept the recommendations of 143<sup>rd</sup> SEAC meeting held on dtd 29.10.13.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 to the proposed for Single Super Phosphate (Powder/Granulated) production capacity 115500 MT/Year, (b) Dicalcium Phosphate – (DCP) 3300 MT/Year at Plot No.- 135-A, 136-AII, 137-A & 138-A, plot area 8821 sqmt. Industrial Growth Centre – Meghnagar, Distt, - Jhabua (M.P.) by Mr. Rajkumar Suhane, Managing Director, M/s Agro Phos(India) Ltd.. M-87, Trade Centre, 18, South Tukoganj, Indore (M.P.) – 452001 subject to the compliance of the Standard Conditions enclosed at **Annex-I** and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

**A. Specific Conditions as recommended by SEIAA**

1. There should be ZERO discharge of treated effluent from the unit.
2. PP should ensure development of rain water harvesting structure to harvest the roof top and runoff rain water for recharge of ground water.
3. The onsite emergency plan submitted by PP should be duly approved by the Directorate of Health and Safety / Competent Authority.


  
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4. PP should ensure plantation in two rows all along the periphery of the project area, and along the roads with one tree per 100 sq. m. of the plot area. PP should ensure plantation of the trees of indigenous local varieties like Neem, Peepal, Kadam, Kachnaar etc and indicator varieties like Gladiolus etc. Every effort should be made to protect the existing trees on the plot.

**B. Specific Conditions as recommended by SEAC**

5. Out of total plot area of 8821 m<sup>2</sup> green cover in 4000 m<sup>2</sup> shall be developed including thick green-belt.
6. Fresh water requirement in the project including domestic requirement shall not exceed 190 KLD.
7. 100 % treated waste water shall be recycled in the process / horticulture maintaining 'zero-discharge' from the unit.
8. Continuous Ambient Air Quality Monitoring System and Continuous Emission Monitoring System shall be installed so as to deliver the on-line real-time data to SPCB and CPCB has to be installed before commencement of production.
9. Scrubbing efficiency of the fluorine ventury scrubbers has to be evaluated periodically every six months and reported in the compliance reports submitted to MoEF and MPPCB.
10. CSR activities shall be taken up in coordination with the local authorities.


**C. Standard Conditions - Encl: Annex-I**

  
(Ajatshatru Shrivastava)  
Member Secretary

Endt No. / SEIAA/ 15 Dated  
Copy to:-

- (1). Principal Secretary, Urban Development & Environment Deptt. 3<sup>rd</sup> Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, Distt- Jhabua-M.P.
- (5). M.D. AKVN Industrial Area Meghnagar, Jhabua, MP
- (6). CMO, Nagar Palika Parishad Meghnagar, Jhabua, MP
- (7). The Jt. Director, Town & Country Planning, Indore, MP
- (8). Director, I.A. Division, Monitoring Cell, MoEF, GoI, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (9). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (10). Guard file.

**Standard Conditions - Encl: Annex-I**

  
(Ajatshatru Shrivastava)  
Member Secretary

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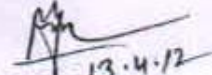
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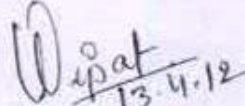
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Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

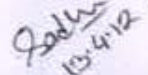
Annex-I

## Standard Conditions related to Activity 5 (a) - Chemical Fertilisers of Manufacturing / Fabrication of Category B projects under the Schedule of Ministry of Environment and Forests, GoI notification dtd 14-09-06

1. Any enhancement of capacity, change in technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
2. All activities / mitigative measures proposed by PP in Environmental Impact Assessment and approved by SEAC must be ensured.
3. All activities / mitigative measures proposed by PP in Environmental Management Plan and approved by SEAC must be ensured.
4. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
5. The fluoride emission shall not be more than 25 mg/Nm<sup>3</sup> emanating from the scrubbing system.
6. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of raw material and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. No overloading of raw material for transportation shall be committed.
7. Periodic monitoring shall be carried out as per norms for RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring and fluoride. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the M. P. Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and displayed.
8. Data on ambient air quality (RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Regional office of the Ministry of Environment and Forest, Bhopal and the M.P. Pollution Control Board / Central Pollution Control Board once in six months.
9. The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water.
10. Measures shall be taken for control of noise levels below 75 dBA in the work environment. Workers shall be provided with ear plugs / muffs.
11. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
12. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

  
(Dr R P Singh)  
Officer-in-Charge

  
(Dr Vinita Vipat)  
Officer-in-Charge

  
(Dr Sadhna Tiwari)  
Officer-in-Charge

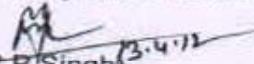
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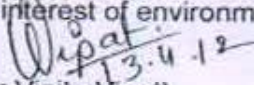
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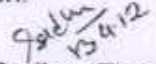
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Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

13. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal and MP PCB.
14. The Regional Office, MoEF, GoI, Bhopal and MP PCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan and other documents information should be given to Regional Office of the MoEF, GoI at Bhopal and MP PCB.
15. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the Regulatory Authority on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
16. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the local bodies, Panchayat and municipal bodies as applicable in addition to the relevant officers of the Government who in turn has to display the same for 30 days from the date of receipt.
17. The project proponent has to strictly follow directions/guideline issued by the MoEF, GoI, CPCB and other Govt. agencies from time to time.
18. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIAA) website at [www.mpseiaa.nic.in](http://www.mpseiaa.nic.in) and a copy of the same shall be forwarded to the Regional Office, MoEF, GoI, Bhopal and MP PCB.
19. Project Proponent shall explore the possibility of using solar energy where ever possible.
20. The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
21. The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
22. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation, if any, shall be submitted to the Regional office of the MoEF, Bhopal and MPPCB to the competent authority of the State Govt. within six months.
23. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
24. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

  
(Dr R P Singh)  
Officer-in-Charge

  
(Dr Vinita Vipat)  
Officer-in-Charge


  
(Dr Sadhna Tiwari)  
Officer-in-Charge

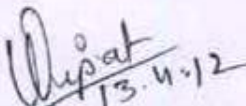
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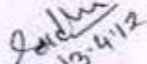
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25. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
26. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
27. The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
28. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
29. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
30. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF.

  
(Dr R P Singh) 13.4.12  
Officer-in-Charge

  
(Dr Vinita Vipat)  
Officer-in-Charge

  
(Dr Sadhna Tiwari)  
Officer-in-Charge

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