

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

Research and Development Wing
Madhya Pradesh Pollution Control Board
Paryavaran Parisar, E-5, Arera Colony
Bhopal-4620 16
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No: 1799 / SEIAA/ 12
Date: 21-12-12

To,
Mr. Ashish Tiwari
M/s Varun Fertilizer Pvt. Ltd.
203,2nd Floor, Indore Trade Centre,
South Tukoganj, Indore, (M. P.)

Sub: Case No. 662/2012, Prior Environmental Clearance for Single Super Phosphate in an area of 6900 sq.m for production capacity Enhancement from 30 TPD to 350 TPD (Powdered SSP) at Plot No. 6, 7, 8, 11, 12, 13 Industrial Area Sector 1, AB Road Near TATA Square, Dewas District Dewas (MP), by Mr. Ashish Tiwari M/s Varun Fertilizer Pvt. Ltd. 203,2nd Floor, Indore Trade Centre, South Tukoganj, Indore, (M. P.).

This has reference to your letter No. VFPL/SEIAA dated 01.10.2011 received in the SEIAA office on 04.01.2012 and subsequent letters seeking Prior Environmental Clearance for the above project under the 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 Form I, ToR and pre-feasibility report and subsequently submission of EIA report, public hearing document and the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and Environment Impact Assessment Authority (SEIAA) constituted by competent Authority.

- ii. It has been noted that presently the PP is manufacturing 100 TPD NPK and 30 TPD Single Super Phosphate (SSP) (Powder) and has applied for production capacity Enhancement from 30 TPD to 350 TPD (Powdered SSP), (NPK capacity shall remain same-100 TPD) at Plot No. 6, 7, 8, 11, 12, 13 Industrial Area Sector 1, AB Road Dewas, Near TATA Square, Dewas District Dewas (MP), by Mr. Ashish Tiwari M/s Varun Fertilizer Pvt. Ltd. 203,2nd Floor, Indore Trade Centre, South Tukoganj, Indore, (M. P.). It is located at 22° 56' 23.22" N and 76° 00' 31.84" E. The total plant area is 6900 sqmt. The nearest Town Dewas is 5 KM. The plant site is 1.6 km away from NH-3. There are no Wildlife Sanctuaries, National Parks, and Tiger Reserves within 10 km of the boundary.

The additional fresh water requirement will be 88 KLD, which will be met through M/s Welspun Project Ltd., Dewas for industrial water supply. The waste water generated from process is zero while 7 KLD domestic waste water shall be treated through septic tank. There will be no solid waste

Dipak

generation during operation stage. Only silica waste will be generated and used as filler for final product. An area of 24.75 sqft. shall be covered under green belt.

The Commerce, Industries and Employment Deptt. GoMP has issued notification (no. F-11/90/2010/B-11 Bhopal dtd. 17.01.2012) related to industrial areas established earlier from time to time. The Dewas Industrial area-1 is one of them. In these industrial areas 13 activities have been banned. No such ban has been imposed on the production of single super phosphate in this industrial area. Therefore, no public hearing is required as per EIA notification, 2006.

- iii. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated September 14, 2006.
- iv. Based on the information submitted as at Para 2 and 3 above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 114th meeting held on 06.12.2012 and decided to accept the recommendations of 98th SEAC meeting held on 23.07.2012 with four special conditions.

Hence, Prior Environmental Clearance is accorded to Single Super Phosphate in an area of 6900 sq.m for production capacity Enhancement from 30 TPD to 350 TPD (Powdered SSP) at Plot No. 6, 7, 8, 11, 12, 13 Industrial Area Sector 1, AB Road Near TATA Square, Dewas District Dewas (MP), by Mr. Ashish Tiwari M/s Varun Fertilizer Pvt. Ltd. 203,2nd Floor, Indore Trade Centre, South Tukoganj, Indore, (M. P.) project under the provisions of EIA notification dated September 14, 2006, subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA and SEAC:

1. No ground water extraction shall be done.
2. Silica generated from the process (about 0.9 TPD) shall not be thrown out and shall be used as filler in the fertilizer. Appropriate log book shall be maintained for the purpose.
3. Fugitive Dust will be generated during Rock Phosphate and Finished Product Handling & Vehicular movement. To control the air pollution following measures shall be adapted -
 - Cyclone separators and bag filters in Grinding section
 - Ventury, Cyclone separator and Scrubbers in Mixing section of SSP
 - Dust collecting cyclones in the GSSP manufacturing section.
 - 15 m. height of stack will be provided after cyclone separation and bag filtering of the dust from the Grinding section of the plant.
 - A 30 m. height chimney venting traces of fluorine gas in to the air, after the three stage treatment of the pollutant from the dryer and den of the plant.

- The raw material will be unloaded with mechanical devices, which should be close to the reactors to minimize the fugitive dust problem.
 - Mechanical water sprinklers have to be provided to spray water all around the stockpiles to suppress the dust.
4. Zero discharge of effluents has to be maintained through re-cycling of all the liquid wastes.
 5. The domestic waste water generated shall be sent to septic tank followed by soak pit.

Encl: 1 no

o/c (Sharad Kumar Jain)
Member Secretary

Endt No. 1780 /SEIAA/12 Dated: 21/12/2012
Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Bhopal.
2. Chairman, State Environment Impact Assessment Authority, Bhopal
3. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
4. Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5. Arera Colony Bhopal-4620 16
5. Collector, Distt- Dewas -M.P
6. Division, Monitoring Cell, MoEF, GOI, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi- 110 003
7. Regional Officer, Regional Office of the Ministry of Environment & Forest, Gol, Western Region, Kendriya Paryawarn Bhawan, Link Road No. 3 Ravi Shankar Nagar, Regional office of the MOEF, Bhopal-462016
8. General Manager District Industries Centre , Dewas, MP
9. Guard file.

o/c (Dr. Vinita Vipat)
Officer-in-Charge

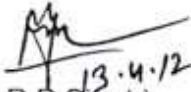
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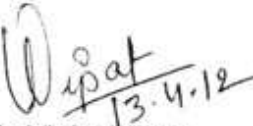
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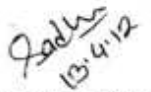
Annex-I

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/Nm³ 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, SO₂, NO_x 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, SO₂, NO_x) 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

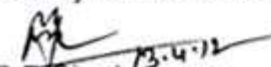
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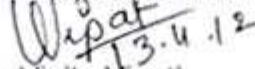
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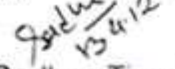
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13. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal and MP PCB.
14. The Regional Office, MoEF, Gol, 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, Gol 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 1st June and 1st 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, Gol, 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 and a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, 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


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(Dr Sadhna Tiwari)
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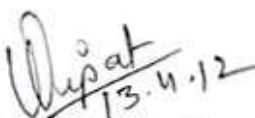
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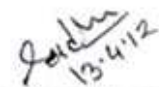
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25. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 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, SO₂, NO_x (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 31st 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)
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Dated 21/10/2012