

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: 1308 / SEIAA /13
Date: 27-9-13

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

Sub: Case No. – 1197/2013 – Modified prior Environmental Clearance for Single Super Phosphate in an area of 6900 sq.m for Change in the Product form from Powder SSP (350 TPD) to Granulated SSP (350 TPD) at Plot No. 6, 7, 8, 11, 12, 13, Sector I, Industrial Area, AB Road Near Tata Square, Tehsil & Distt. Dewas (M.P.) by M/s Varun Fertilizer Pvt. Ltd. through Managing Director Mr. Ashish Tiwari, 203,2nd Floor, Indore Trade Centre, South Tukoganj, Indore, (M. P.).

This has reference to your letter No. VFPL/109/SEIAA/2013 dated 28.01.2013 received in the SEIAA office on 30.01.2013 and subsequent letters seeking Modified Prior Environmental Clearance (issued vide letter no. 1779/SEIAA/12 dtd 21.12.12) 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, pre-feasibility report, ToR and EIA Report (submitted vide letter no. nil dtd 06.06.12 received in SEIAA office on 06.06.12 for case no. 662/2012) and 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 is noted that PP (vide letter dtd 28.01.13 & 25.04.2013) that in view of Gol policy issued vide letter F. No. 23011/9/2013 –MPR dtd 14.03.2013 management have decided to produce Granulated SSP instead of powder SSP without any change in production capacity, hence, PP has applied for modification in the prior EC (issued vide 1779/SEIAA/12 dtd 21.12.12 for manufacture of powder SSP 350 TPD) for change in the product form from Powder SSP (350 TPD) to Granulated SSP (350 TPD), at the same site i.e. Plot No. 6, 7, 8, 11, 12, 13, Sector I, Industrial Area, AB Road Near Tata Square, Tehsil & Distt. Dewas (M.P.) by M/s Varun Fertilizer Pvt. Ltd through Managing Director Mr. Ashish Tiwari, Managing Director. 203, 2nd Floor, Indore Trade Centre, South Tukoganj, Indore, (M. P.).
- iii. The total land area of the project is same as in earlier EC (6900.00sq. m.). Lease deed (dtd 02.03.2012) has been made for 30 years (02.03.2012 to 01.03.2042) between the Governor of Madhya Pradesh acting through General Manager District

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- **Correspondence Address:** Member Secretary, SEIAA, Environmental Planning and Coordination Organisation (EPCO), Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016
- **Registration No.:** To be quoted in registered cases for correspondence

Case no. 1197/2013

Trade and Industries Centre Dewas & M/s Varun Fertilizers Pvt. Ltd.

- iv. There are no Wildlife Sanctuaries, National Parks, and Tiger Reserves within 10 km of the boundary, hence, general conditions not attracted. The nearest town Dewas is 5 km. The plant site is 1.6 km away from NH-3.
- v. 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.
- vi. PP has submitted (vide letter dtd 20.06.13) that no additional raw material is required for conversion of Powder SSP to Granular SSP as PSSP itself is the raw material for manufacturing of GSSP.
- vii. The major air pollutants emitted during operation are Fluorine emission, particulate matter, sulphur dioxide, oxide of nitrogen and SSP dust for which PP has proposed air pollution control measures as given in 97th & 122nd SEAC meeting dtd 14.06.12 & 11.03.13 respectively. It is noted that as per the information submitted by the PP duly certified by their NABET accredited (letter dtd 29.06.11) consultant M/s Global Enviro labs, Hyderabad (Shri T. Murali Krishna) there will be no change in the pollution load w.r.t. air emissions, effluents (zero discharge process), solid waste, hazardous waste, noise level for conversion of powder SSP to granular SSP.
- viii. The fresh water requirement for manufacture of Powder SSP is 88 KLD and after the change in product form it will be 93 KLD hence additional water requirement will be 5 KLD which will be supplied by Welspun project Ltd. a authorized industrial water supplier. Welspun project Ltd. (vide letter dtd 18.10.12) has given consent in principle for supply of 100 KLD water to PP. There will be no extraction of ground water as per earlier EC issued on 21.12.12.
- ix. The waste water generation from process is zero as it is zero discharge process. Small quantities of process effluent from silica settling tanks will be reused in the process. Domestic waste water of about 5 m³/day is expected to be generated and will be disposed off through septic tank followed by soak pit.
- x. The Silica sludge (0.31 TPD) generated from SSP manufacturing process will be used as filler in the manufacturing of granulated NPK. An area of 24.75 sqft. shall be covered under green belt.
- xi. 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.
- xii. Based on the information submitted as at Para ii to x above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 142nd meeting held on 18.07.13 and decided to accept the recommendations of 122nd SEAC meeting held on 11.03.13 for grant of modified prior EC with 07 special conditions.

Hence, modified Prior Environmental Clearance is accorded for change in product form (physical) of Single Super Phosphate (SSP) from Powder (PSSP) form to Granular form (GSSP) without change in production capacity i.e. 350 TPD at Plot No. – 6, 7, 8, 11, 12, 13, Sector I, Industrial Area, AB Road Near Tata Square, Tehsil &

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Case no. 1197/2013

Distt. Dewas (MP) total area 6900 sq.m by M/s Varun Fertilizer Pvt. Ltd. through Managing Director Mr. Ashish Tiwari, 203, 2nd Floor, Indore Trade Centre, South Tukoganj, Indore, (MP) 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. As production is yet to be taken up PP shall submit the compliance report to SEIAA & R.O. MoEF, Bhopal within three months from the date of commencement of production.
2. Zero discharge shall be maintained.
3. The acidic liquid from the scrubbing system shall be used in the process.
4. Silica sludge from SSP manufacturing process shall be stored in designated covered and lined yard and the same shall be used as filler for the fertilizer. A logbook of the same shall be maintained.
5. The gases from the den conveyor will be separated by scrubber fan Ventury, Cyclone separator and cyclonic scrubbers.
6. At least 33% of the total plot area including the thick green belt shall be developed as green area through tree plantation.
7. Other conditions shall be same as imposed in the original prior EC (Case no. 662/2012 issued vide no. 1779 dtd 21.12.12).

Encl: Annex-I (General Conditions)

1309
Endt No. /SEIAA/13 Dated: 27-7-13

o/c
(Manohar Dubey)
Member Secretary

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, 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 (M.P.)
9. Guard file.

Encl: Annex-I (General Conditions)

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

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Case no. 1197/2013

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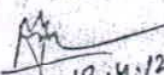
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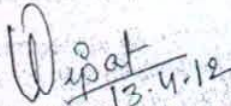
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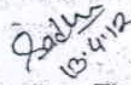
Annex-I

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.


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


13.4.12
(Dr Vinita Vipat)
Officer-in-Charge


13.4.12
(Dr Sadhna Tiwari)
Officer-in-Charge

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Issued Vide No. 2381-82/SLAA/EPCO
Dated 7/2/13 27-7-13

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

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

(Dr Vinita Vipat)
Officer-in-Charge

(Dr Sadhna Tiwari)
Officer-in-Charge

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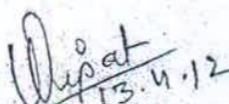
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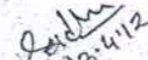
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25. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 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)
Officer-in-Charge

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