

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: / SEIAA/ 13
Date:

To,
M/s Madhya Bharat Phosphate Pvt. Ltd.
E-1/50, Arera Colony, Bhopal.

Sub: Case No. 679/2012, Prior Environmental Clearance for manufacturing of Single Super Phosphate from powder form to granular form without changing in production capacity i.e. 1,65,000 MTPA (Change in product form) at Plot no. 176, AKVN Industrial Area "A", Meghnagar, Tehsil-Meghnagar, District Jhabua, MP total area 2.600 ha by M/s Madhya Bharat Phosphate Pvt. Ltd. E-1/50, Arera Colony, Bhopal.

This has reference to Ministry of Environment & Forest, Gol letter F No. J-11011/534/2008-IA II (I) dated 14.02.2012 and your letter No. nil dated 24.02.2012 received in SEIAA office on 27.02.2012 and subsequent letters seeking amendment (change in product mix) in 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, pre-feasibility report, land ownership documents, copy of EIA report submitted to MoEF, Gol, Prior EC issued by MoEF, Gol vide letter dated 25.08.2008 and subsequently the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by competent Authority.

- ii. It has been noted that presently PP is manufacturing 1,65,000 MTPA Single Super Phosphate (SSP) (Powder) and has applied for amendment in prior EC (issued by MoEF, Gol dtd 25.08.2008) for change in product mix from powder SSP to Granular SSP for the above project at Plot no. 176, AKVN Industrial Area "A", Meghnagar, Tehsil-Meghnagar, District Jhabua, MP by M/s Madhya Bharat Phosphate Pvt. Ltd. E-1/50, Arera Colony, Bhopal. It is noted that no change in production capacity, technology and area / location has been proposed (98th SEAC meeting minutes dtd 23.07.2012). PP is already holding valid EC for production of Powder SSP (1,65,000 MTPA) issued by MoEF, Gol vide letter dtd 25.08.2008
- iii. The total plant area is 26,000 sqmt. (2.600 ha). The nearest Town Meghnagar is 10 KM. There are no National Highway, Wildlife Sanctuaries, National Parks, and Tiger Reserves within 10 km of the boundary.


- iv. The exiting fresh water requirement is 95 KLD and after the change in product form it will be 128 KLD hence the additional water requirement will be 33 KLD, which will be provided by AKVN water supply (98th SEAC meeting minutes dtd 23.07.2012). Total approximately 73 m³ / day of effluent is generated from SSP scrubber set. This effluent is collected and pumped to notch filter to separate out silica. The clear effluent containing H₂SiF₆ is recycled back for acid dilution. There will be no effluent generation from the plant. 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 93rd SEAC meeting minutes dtd 10.04.2012. There will be no solid waste generation during operation stage. Only silica waste will be generated and used as filler for final product. An area of 10,653 sqmt. shall be covered under green belt.
- 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 Meghnagar (District Jhabua) Industrial area-A is one of them. In these industrial areas 13 activities have been banned. No such ban activity 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. 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.
- vii. Based on the information submitted as at Para ii to vi above and others, the case was considered in SEAC meetings. The case was initially recommended in 93rd SEAC meeting dtd 10.04.2012, it was reconfirmed 98th SEAC meeting dtd 23.07.2012 to modify the prior EC and lastly in 109th SEAC meeting dtd 06.11.2012 the recommendation remain unaltered.
- viii. State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 95th meeting dtd 04.06.2012, 105th meeting dtd 12.09.2012 and 116th meeting held on 08.01.2013 and decided to accept the recommendations of 93rd, 98th and 109th SEAC meeting held on 10.04.2012, 23.07.2012 & 06.11.2012 respectively with six special conditions.

Hence, Prior Environmental Clearance is accorded to manufacturing of Single Super Phosphate from Powder form to Granular form without changing in production capacity i.e. 1,65,000 MTPA (Change in product form) at Plot no. 176, AKVN Industrial Area "A", Meghnagar, Tehsil-Meghnagar, District Jhabua, MP total area 2.600 ha by M/s Madhya Bharat Phosphate Pvt. Ltd. E-1/50, Arera Colony, Bhopal 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. Densification of Green belt / area has to be taken up immediately.

2. Housekeeping has to be improved.
3. The additional water required is reported to be 33 KLD, this has to be ensured from AKVN under no circumstances abstraction of ground water should be allowed.
4. Possibilities should be explored to develop a system whereby the required size of granules may be obtained directly from the rotary mills so as to avoid the re-processing of under-size / over-size granules.
5. Other terms and conditions as laid down in existing EC shall remain unaltered.
6. The amended EC has to be kept with existing EC while reviewing the EC- compliances by monitoring agencies.

Encl: 1 no



(Manohar Dubey)
Member Secretary

o/c

Endt No. 2389 /SEIAA/13 Dated: 7/2/2023
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- Jhabua -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, Jhabua, MP
9. Guard file.




(Dr. Vinita Vipat)
Officer-in-Charge

o/c

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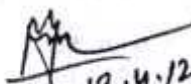
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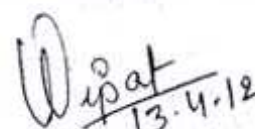
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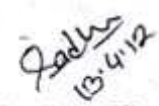
Annex-I

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.


(Dr R P Singh)
Officer-in-Charge


(Dr Vinita Vipat)
Officer-in-Charge


(Dr Sadhna Tiwari)
Officer-in-Charge

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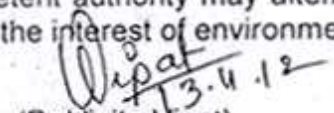
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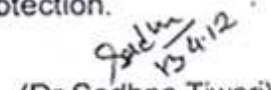
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13. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal 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


(Dr Vinita Vipat)
Officer-in-Charge


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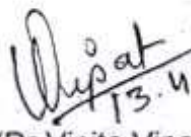
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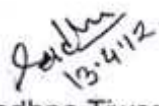
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25. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act,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


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