

**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: 1204 / SEIAA/ 13  
Date: 16/7/2013

To,  
Shri Mukesh Mittal, Director,  
M/s Liberty Urvarak Limited,  
304, Bafna Tower,  
Opp. Fortune Landmark Hotel,  
Vijay Nagar, Indore, MP-452010

**Sub: - Case no. 680/2012,** Prior environmental clearance for Expansion of production capacity from SSP 300 TPD to 600 TPD and GSSP 150 TPD to 600 TPD at 413 A (total area 31,617 Sqmt), Nimrani Industrial Area, Nimrani, Village- Nimrani, Tehsil Kasrawad, Distt. – Khargone (M.P.) by Shri Mukesh Mittal, Director, M/s Liberty Urvarak Limited, 304, Bafna Tower, Opp. Fortune Landmark Hotel, Vijay Nagar, Indore (M.P.) 452010.

This has reference to your application No. nil, dated 02.03.2012 received in SEIAA office on 03.03.2012 for 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 and on the basis of the mandatory documents enclosed with the application viz., form I, PFR, Proposed TOR & 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 the competent Authority.

- (ii). The proposed project is expansion of SSP from 300 TPD to 600 TPD and GSSP from 150 TPD to 600 TPD & located at plot no. 413 A, Nimrani Industrial Area, Village- Nimrani, Tehsil Kasrawad, Distt. – Khargone (M.P.) The proponent is M/s Liberty Urvarak Limited, through Director Shri Mukesh Mittal.
- (iii). Presently PP is manufacturing Single Super Phosphate (SSP) 300 TPD and Granulated Single Super Phosphate (GSSP) 150 TPD and has applied for expansion of SSP from 300 TPD to 600 TPD and GSSP from 150 TPD to 600 TPD. It is an expansion project established at Nimrani industrial area Khargone, MP in 2003 i.e. prior to EIA Notification 2006 and as per 27.01.1994 EIA Notification Schedule 1, SSP unit were exempted from Environmental Clearance so they are coming for first time for EC. The project is covered under 5 (a) category of the EIA Notification issued by the Ministry of Environment & Forests vice S.O.1533(E), dtd. September 14,
- (iv). The total land area of the project is 31617 sq. m. PP has submitted lease deed for 30 years (16.11.2006 to 15.11.2036) with MPAKVN (KHARGONE) M.P. through Managing Director, District Industries Centre. The plant site is 0.72 km (w) away from NH – 3. There are no wildlife Sanctuaries, National Parks, and Tiger Reserves within 10 km of the boundary.

- (v). The proposed project is located on plot no. 413-A at Nimrani industrial area Khargone, MP and is not included in the list of disallowed activities hence as per EIA Notification, 2006 Para 7 III stage (3) pt. no. b, Public Hearing is not required.
- (vi). The water requirement for expansion project is 66 KLD and total water requirement after expansion is 153 KLD (142 KLD process + 6 KLD domestic + 5 KLD Plantation). The source of water given by PP is from outside sources i.e. supplier. PP has submitted copy of work order (dtd 15.04.12) issued by PP to water the Supplier and copy of permission dtd 10.04.12 for taking water from Narmada River from Gram Panchayat, Khalghat District Dhar to the Supplier. PP has submitted assurance letter from DIC (6085 dtd 22.12.12) Khargone regarding water supply from Narmada River in Nirmani Industrial Area after agreement with Indore, Municipal Corporation.
- (vii). The waste water generated from scrubbing operations 66 KLD shall be recycled into the process for acid dilution. There will be zero discharge from the process. only domestic waste water 8 KLD will be treated in septic tank followed by soak pit. An area of 2500 sq.mt. shall be covered under plantation.
- (viii). There will be no major source of hazardous waste generation due to the proposed project. Annual generation of Spent Oil will be approximately 0.20 KL/ Annum. In addition to that, Silica Sludge (188 MT per annum) & Hydro fluoro Silicic acid (6022 KL per annum) will be generated which will be reused in the process or sold in the market. Spent Oil will be reused or sold to the approved recyclers. Coal ash will be sold to brick manufacturers.
- (ix). 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 14<sup>th</sup> September 2006 and its amendment.
- (x). Based on the information submitted at Para ii to viii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 136<sup>th</sup> meeting held on 11.06.2013 and decided to accept the recommendations of 106<sup>th</sup> SEAC meeting dtd 10.10.12 with 04 special conditions.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 subject to decision of 136<sup>th</sup> SEIAA meeting dtd 11.06.13 to the proposed project Expansion of production capacity from SSP 300 TPD to 600 TPD and GSSP 150 TPD to 600 TPD at 413 A (total plant area 31,617 Sqmt), Nimrani Industrial Area, Nimrani, Village-Nimrani, Tehsil Kasrawad, Distt. – Khargone (M.P.). by Shri Mukesh Mittal, Director, M/s Liberty Urvarak Limited, 304, Bafna Tower, Opp. Fortune Landmark Hotel, Vijay Nagar, Indore (M.P.) 452010. subject to the compliance of the Standard Conditions enclosed at **Annex-I** and the following additional Specific Conditions as recommended by SEIAA & SEAC:

- (1) Silica generated from the process shall not be thrown out and shall be used as filler in the fertilizer. Appropriate log book shall be maintained for the purpose.
- (2) Fugitive Dust will be generated during Rock Phosphate and Finished Product Handling & Vehicular movement. To control the air pollution following measures shall be adapted :-
  - (a). Cyclone separators and bag filters in Grinding section


- (b). Ventury, Cyclone separator and Scrubbers in Mixing section of SSP
  - (c). Dust collecting cyclones in the GSSP manufacturing section.
  - (d). 15 m. height of stack will be provided after cyclone separation and bag filtering of the dust from the Grinding section of the plant.
  - (e). 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.
  - (f). The raw material will be unloaded with mechanical devices, which should be close to the reactors to minimize the fugitive dust problem.
  - (g). Mechanical water sprinklers have to be provided to spray water all around the stockpiles to suppress the dust
- (3) Zero discharge of effluents has to be maintained through re-cycling of all the liquid wastes.
  - (4) The domestic waste water generated shall be sent to septic tank followed by soak pit.

Encl: 1 no

  
(Manohar Dubey)  
Member Secretary

Endt No. 1205 /SEIAA/13 Dated: 16/7/2013  
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, Khargone (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, Khargone (M.P.)
9. Guard file.

  
(Dr. Vinita Vipat)  
Officer-in-Charge

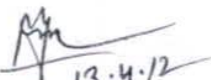
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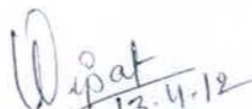
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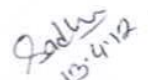
Annex-I

## 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/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

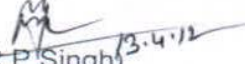
  
(Dr Sadhna Tiwari)  
Officer-in-Charge

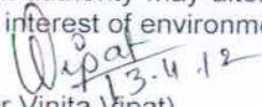
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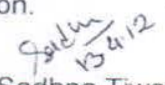
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13. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal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

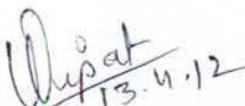
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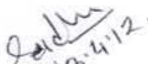
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25. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act,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