

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: 4557 EPCO-SEIAA /12

Date: 27/6/2012

To,
Shri Shrikant Choubey
M/s Akzo Nobel India Limited.
Project Management Group R & T Center
Plot no 1/1, TTC Industrial Area, Thane
Belapur Road, Koparkhairne
Navi Mumbai – 400 710
Mobile . +91 9833 67 2040
E-mail – shrikant.choubey@akzonobel.com

Sub: Case No. 621/2011, Prior Environmental Clearance for Integrated Paint Plant at Plot No. GAE-1, GAF-1, GAF-2, Malanpur Industrial Estate, District Bhind, M. P. by M/S Akzonobel India Ltd.

This has reference to your letter No. Nil dtd. 04.05.2011 received in SEIAA office on 04.05.2011, ToR issued by SEAC on 19.12.2011 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, Pre-Feasibility Report, ToR and subsequently submission of EIA and 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.

2. It has been noted that the proposal for Integrated Paint Plant at Plot No. GAE-1, GAF-1, GAF-2, Malanpur Industrial Estate, Village Gurikha, Tehsil Gohad, District Bhind, M. P. under a notified industrial area. The nearest village Tilori is 0.58 KM from project site. The nearest water body Morar nadi is 2.5 km.
3. The total production capacity 207.2 MLPA (Million liter per annum) – (150 MLPA water based paints facility, 7.2 MLPA tinter manufacturing facility, 50 MLPA solvent based paints facility). The IIDC, Gwalior allotted Plot No. GAE-1, GAF-1 & 2 Malanpur Industrial Estate, Village Gurikha & Tehsil Gohad, District Bhind, MP under a notified industrial area. Total land area 56 acres (226250 sq mt) on lease to the company. The water requirement is 460 KLD which will be met from Malanpur Industrial Authority water supply scheme, IIDC Gwalior (300 KLD for process activities, 160 KLD for domestic & gardening purpose). The waste water 29 KLD generated from various activities (5 KLD Water based plant, 4 KLD Tinter process and 20 KLD Solvent based process) and will be treated in the effluent treatment plant. Power requirement is met by Madhya Pradesh State Electricity Board /

Industrial Infrastructure Development Corporation (IIDC) Gwalior M.P. Total installation load will be 7200 KW & total maximum demand will be 5800 KVA. DG set will be used as back up power supply. An area of 74,664 sq mt shall be covered under plantation.

4. 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.
5. The project is located in notified industrial area, as per notification issued by Commerce Industries and Employment Deptt. GoMP (Letter no. 154/165/2012/B-11 dtd 08.01.12) the proposed activity is not prohibited in industrial area. Hence public hearing was not required.
6. Based on the information submitted at Para 2 and 3 above, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 95th meeting held on 04.06.12 and decided to accept the recommendations 88th SEAC meeting held on 13.02.2012.

Hence Prior Environmental Clearance is accorded for Integrated Paint Plant at Plot No. GAE-1, GAF-1, GAF-2, Malanpur Industrial Estate, District Bhind, M. P. by M/S Akzonoble India Ltd. , under the provisions of EIA notification dtd. 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 & SEAC:

1. Ground water quality shall be regularly checked through peizometric study.
2. Clear agreement between the two companies (i.e. between Integrated Paint Plant, Malanpur Industrial Estate GAE- 1,GAF-1,GAF-2,Distt.- Bhind, (M.P.)and Powder Coating Plant of m/s Akzonobel Coatings India Private Limited, Malanpur Industrial Estate GAE- 1,GAF-1&2, Village- Gurikha, Tehsil-Gohad,Distt.- Bhind, (M.P.)) regarding maintaining the treatment of sewage / effluent in the combined STP / ETP, as these are located in the same premises and have common facilities for treatment of wastes has to be signed and handed over to the MPPCB while obtaining CTE.
3. Surplus treated water has to be stored in the rainy season.
4. Possibility has to be explored for treatment of sewage and process waste in a single unit instead of making separate STP & ETP.
5. Solvent recovery plant has to be installed with at least 95% efficiency-proposal to be submitted.
6. Regular monitoring has to done for TOC, VOC & Bio-assay – to be included in the monitoring budget.
7. Quantity of industrial effluent shall not exceed **29 KLD** [from Water Based process (5 KL/day), Tinter process (4KL/day), Solvent Based Process (20KL/day)]
8. Quantity of domestic effluent shall not exceed 40 KLD.
9. Industry shall segregate the high COD effluent and shall install Multi Effective Evaporator for treatment of high COD effluent.


10. Consent for Establishment shall be obtained from the M.P. Pollution Control Board and a copy shall be furnished to the MPSEIAA, before taking up of any construction activity at the site.
11. The water requirement shall not exceed 460 KLD which shall be met from IIDC, Gwalior water supply.
12. Emergency or accidental Process emissions & the off gas from the process vents shall be scrubbed in water and Caustic lye solution scrubber. The scrubbing liquid shall be sent to ETP for treatment.
13. Possibilities shall be explored for co-incineration / co-processing of paint sludge in cement kilns.
14. Hazardous Solid waste from process (ETP sludge & spent carbon) etc. shall be sent to the Common TSDF.
15. HCl, HBr, and vapour emissions from the reactors/process vents shall be provided with suitable scrubbers and condensers. Scrubber efficiency shall be minimum 99%.
16. Regular monitoring of VOC and HC in the Work Zone Area in the Plant shall be carried out and data be submitted to MoEF / MPPCB.
17. Greenbelt shall be developed to mitigate the effect of fugitive emissions all around the plant in a minimum 33% plant area in consultation with the District Forest Officer (DFO) as per CPCB guidelines.

Encl: Annex-I

Endt No. 456 / EPCO - SEIAA/12 Dated: 27/6/2012 ^{ok} Member Secretary

- Copy to:-
1. Principal Secretary, Department of Housing and Environment, Government of Madhya Pradesh, Mantralaya, Bhopal.
 2. Chairman, State Environment Impact Assessment Authority, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-4620 16
 3. Member Secretary, SEAC, Research and Development Wing, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-4620 16
 4. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
 5. Collector, Distt Bhind, M.P.
 6. Division, Monitoring Cell, MoEF, Gol, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi- 110 003.
 7. General Manager, Industrial Infrastructure Development Corporation Gwalior, M.P. Ltd., IIDC Plaza, 39 – City Centre, Gwalior – 474011.
 8. Director (S), Regional Office, Western Region, Kendriya Paryavarn Bhawan, Link Road No. 3 Ravi Shankar Nagar, Regional office of the MOEF, Bhopal-462016
 9. Guard file

Encl: Annex-I


 (Dr. U.M. Sukhla)
 Officer-in-Charge

State Environment Impact Assessment Authority, M.P.

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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 (h) – Integrated Paint Industries of Category B projects under the Schedule of Ministry of Environment and Forests, Gol notification dtd 14-09-06

1. Any enhancement of capacity, change in technology, modernization and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
2. Environmental Management Plan (EMP) should be in strictly in accordance to the findings of Environmental Impact Assessment.
3. Execution of 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. Occupational health surveillance of workers shall be done on a regular basis and records maintained as per the Factories Act, 1948. Proper House keeping and adequate occupational health programme shall be taken up. Regular Occupational Health Surveillance Programme for the relevant diseases shall be carried out and the records shall be maintained properly for at least 10 years. Sufficient preventive measures shall be adopted to avoid direct exposure to emissions and other Hydrocarbons etc.
6. The overall noise levels in and around the plant area shall be kept well within the standards prescribed by the CPCB by providing noise control measures on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Rules, 1989 viz. 75 dBA (day time) and 70 dBA(nighttime).
7. Quarterly monitoring of fugitive emissions shall be carried out as per the Guidelines of CPCB.
8. The company shall install an effluent treatment plant to treat the effluent generated due to proposed activity. The treated water shall be utilized within the premises to achieve zero discharge.
9. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives must be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.
10. The project authority shall obtain the membership of CTSDF (Common Treatment Storage & Disposal Facility) for disposal of solid and hazardous waste (if applicable) and copy of the same shall be submitted to the Regional Office of MoEF, Gol at Bhopal. The company shall maintain the valid membership of CTSDF.



(Dr R P Singh)
Officer-in-Charge

5 (h) –Integrated Paint Industries of Category



(Dr U M Shukla)
Officer-in-Charge

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Issued Vide No. 1576... SEIAA/EPCO
Dated..... 27/11/2012

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11. The process emissions, VOCs and particulate matter from various units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission level shall go beyond the stipulated standards. (i)
12. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by MPPCB.
13. The company shall carry out the HAZOP study and the report shall be submitted to Regional Office of MoEF, GoI at Bhopal.
14. During transfer of materials, spillages shall be avoided and gullies and drains be constructed to avoid mixings of accidental spillages with domestic waste and storm drains.
15. The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
16. The DG set will be provided with acoustic arrangements to attenuate the noise pollution. The emission from DG set shall be dispersed as per the CPCB/MPPCB standards.
17. Industry should get the Emergency Disaster Management Plan approved by DTHS and should also comply with the provisions made in Public Liability Insurance Act, 1991.
18. The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
19. Regular Ambient Air Quality Monitoring shall be carried out for VOC and HC besides other parameters in ambient air around the Plant. The location and results of existing monitoring stations will be reviewed in consultation with the concerned State Pollution Control Board based on the occurrence of maximum ground level concentration and downwind direction of wind. Additional Stations shall be set up, if required. It shall be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions.
20. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 shall be followed.
21. Gaseous emissions including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the CPCB.
22. Data on ambient air quality (RPM, 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.
23. Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 as amended from time to time. The treated wastewater shall be utilized for plantation and dust suppression purpose. The domestic waste water shall be treated in septic tank followed by soak pit.
24. The Project Proponent shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.


(Dr R P Singh)
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(Dr U M Shukla)
Officer-in-Charge

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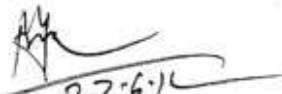
5 (h) - Integrated Paint Industries of Category


Issued Vide No. M.S. 7... SEIAA/EPCB
Dated..... 27/6/2012

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

25. All the solid waste shall be properly utilized or disposed off in environment friendly manner or in secured landfills within the plant premises as per the CPCB guidelines. Waste oil and oily sludge shall be provided to registered recyclers / reprocessors as per CPCB guidelines.
26. Proper house keeping shall be ensured and all the raw material including scrap, coal, slag, sludge and oily waste shall be stored separately in designated place only. All the other solid wastes including broken refractory mass shall be properly disposed off in environment - friendly manner.
27. The Proponent shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
28. 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.
29. 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.
30. The project authorities shall inform to the Regional office of the Ministry of Environment and Forest, Bhopal and MPPCB final approval of the project by the concerned authorities and the date of start of land development work.
31. 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.
32. 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, should be given to Regional Office, MoEF, Gol, Bhopal and MP PCB.
33. 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, MoEF, Gol, Bhopal, MP PCB within six months.
34. 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.
35. 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 associated Government Departments responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.
36. The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.


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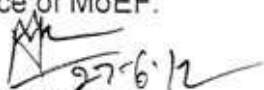

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State Environment Impact Assessment Authority, M.P.

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37. 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.
38. 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.
39. The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
40. 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.
41. 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.
42. The 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.
43. 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.
44. The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
45. The Corporate Environmental Responsibility as envisaged in the office memorandum dtd 18.05.2012 of the Ministry of Environment & Forests should be appropriately ensured.
46. 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.


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