

F. No. J-11011/190/2007- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003
E-mail : hanumant.singh@nic.in
Phone : 011-24367076
Dated 10th August, 2007

To,

Mr. AshokSaini, VP
M/S Kansai Nerolac Paints Limited
Plot No. B1-B2
UPSIDC Industrial Estate Jainpur
District-KanpurDehat-209311
Uttar Pradesh

Email-ashoksaini@nerolac.com
Phone-0511-220237

Sub : Expansion of Paint (37,500 TPA to 92,400 TPA) and resins (15,000 TPA to 28,500 TPA) manufacturing at Plot No. B-1 & B-2, UPSIDC Industrial Estate, Jainpur, Kanpur Dehat, U.P. by M/s Kansai Nerolac Paints Ltd. – Environmental clearance reg.

Sir,

This has reference to your letter no. KNPI.-Jainpur/MoEF/ dated 12-02-2007 alongwith Form-1, pre-feasibility report and REIA/EMP report for seeking environmental clearance under the Environment Impact Assessment Notification, 2006.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that M/s Kansai Nerolac Paints Ltd. have proposed for the expansion of Paint (37,500 TPA to 92,400 TPA) and resins (15,000 TPA to 28,500 TPA) manufacturing at Plot No. B-1 & B-2, UPSIDC Industrial Estate, Jainpur, Kanpur Dehat, U.P. Expansion will be carried out in the existing 6.0 ha. (15 acre) land only and no additional land will be required.

3.0 Total cost of the project is Rs. 40.00 Crores. Rs. 2.25 Crores and Rs. 0.56 Crores are earmarked towards the capital cost and recurring cost/annum for environment protection measures respectively.

5.0. The Ministry of Environment and Forests hereby accords environmental clearance to the above project under EIA Notification dated 14th September, 2006 subject to compliance of the following conditions:

A SPECIFIC CONDITIONS :

- i) The gaseous emissions (SO₂, NO_x, HCl, Toluene, xylene, butane) and particulate matters from various process units shall conform to the standards prescribed by the concerned authorities from time to time and monitoring report shall be submitted to the Ministry's Regional Office at Lucknow, CPCB and UPPCB. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- ii) Total ground water requirement will be 707 m³/d. 130 m³/d wastewater from the plant will be segregated in high COD/BOD streams and will be treated in ETP having primary, secondary and used within the plant premises for gardening, fire fighting etc. No process effluent will be discharged outside the premises. All the chemical and biological sludge shall be incinerated.
- iii) The ground water quality in and around the unit shall be regularly monitored and the data recorded to ensure that there is no contamination of the ground water.
- iv) ETP sludge (7.39 TPA) after drying shall be incinerated in the incinerator. Residue from resins, scrap resin and spent oil shall be sold to authorized recyclers. Spent solvent (1.05 TPA), waste paint (2.03 TPA) and water resins (1.85 TPA) shall be incinerated and incineration ash (1.72 TPA) shall be collected in cement concreted ash collection pit (5.5 x 2.0 m).
- v) Green belt shall be developed in 2.04 ha to mitigate the effects of fugitive emissions all around the plant. Development of green belt shall be as per the Central Pollution Control Board guidelines.
- vi) Proof indicating that proposal is located in Notified industrial area from the concerned Department shall be submitted prior to expansion.
- vii) Project proponents shall obtain 'Permission' for the use of 707 m³/d ground water from SGWB/CGWA and submitted to this office.

B. GENERAL CONDITIONS :

- (i) The project authorities shall strictly adhere to the stipulations made by the state government, U.P. Pollution Control Board and any other statutory body.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy

of conditions imposed and to add additional environmental protection measures required, if any.

- (iii) At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
- (iv) Levels of HC and VOC at various probable locations in the ambient air will be monitored. Regular monitoring of HC and VOC may be carried out in the ambient air in and around the plant.
- (v) The locations of ambient air quality monitoring stations shall be reviewed in consultation with the State Pollution Control Board (SPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.
- (vi) Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.
- (vii) All the storage tanks will be under negative pressure to avoid any leakages. Breather valves, N₂ blanketing and secondary condensers with brine chilling system shall be provided for all the storage tanks to minimize vapour losses. All liquid raw material shall be stored in storage Tanks and Drums.
- (viii) The company shall undertake following Waste Minimization measures.
 - Metering and control of quantities of active ingredients to minimize waste.
 - Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - Use of automated filling to minimize spillage.
 - Use of "Close Feed" system into batch reactors.
 - Venting equipment through vapour recovery system.
 - Use of high pressure hoses for equipment cleaning to reduce wastewater generation.
- (ix) Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.
- (x) The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management and Handling) Rules, 1989, as amended from time to time.

Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.

- (xi) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (xii) 25% of the total area shall be developed as green belt as per the CPCB guidelines.
- (xiii) The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water.
- (xiv) Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.
- (xv) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.
- (xvi) The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EIA/EMP report.
- (xvii) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xviii) The project authorities shall earmark adequate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
- (xix) The implementation of the project vis-à-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.
- (xx) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are

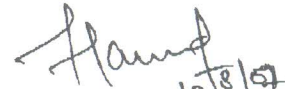
widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(xxi) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

6.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

7.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

8.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


(H.S. Malviya)
Joint Director

Copy to :

1. Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow .
2. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
3. The Chairman, Uttar Pradesh, Pollution Control Board, Lucknow.
4. The Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (Central Zone), Kendriya Bhavan, 5th Floor Sector H , Aliganj Lucknow 226020.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
6. Guard file.
7. Monitoring file.
8. Record file.


(H.S. Malviya)
Joint Director