

F. No. J-11011/986/2007- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
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New Delhi – 110 003

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Dated: 2nd April, 2008

To,

M/s Mysore Petrochemicals Limited
Plot No. T-1
Taloja Industrial area
MIDC, district Raigad
Mumbai,
Maharashtra

Sub: Expansion of production capacity of Maleic Anhydride by revamping existing Maleic Anhydride-I / Maleic Anhydride-II Plants) at plot no. T-1, Taloja Industrial area, MIDC, district Raigad , Mumbai by M/s Mysore Petrochemicals Limited- environmental clearance reg.

Sir,

Kindly refer to your letter No.MPCL/JKS/2007 dated 16.8.2007 along with Form-I, pre feasibility as per the EIA Notification, 2006.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that the proposal is for environmental clearance for enhancement of production capacity of Maleic anhydride from 5400 TPA to 6500TPA by revamping existing maleic anhydride-I / Maleic Anhydride-II Plants) at Taloja Industrial area, MIDC in district Raigad in Maharashtra . The unit is located adjacent to IG Petrochemicals Limited. The land area required for the project is 12,406 sq.m. It is noted that the scrubbed effluent from the IG Petrochemicals Limited will be recovered for Maleic Anhydride. The process effluent generation will increase from 2088 m³/d to 3042m³/d. The process effluent from M/s MPCL will be sent back to after recovery of Maleic Anhydride for further treatment. M/s IGPL will upgrade their effluent treatment plant. Recovered process water will be returned to IGPL for use in scrubber. The enhancement of capacity for Maleic Anhydride will be by improvement in dehydration column. Steam will be supplied by IGPL. Organic residues from the recovery column will be fired in heaters in IGPL. Xylene will be used as entrainer and there will be no increase in storage capacity. The existing storage capacity of Xylene (30 KL) in underground tank is adequate for proposed expansion. Total cost of the project is Rs .2.5 Crores.

3.0 The proposed activity is listed at Sl. No. 5 (e) of the Schedule of the EIA Notification 2006. Public Hearing of the project is not required as the unit is located in the Notified Industrial area as per para 7(i) III (b) Stage (3) – Public consultation.

4.0 Based on the information submitted by you, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of Environmental Impact Assessment Notification dated 14th September 2006 subject to the compliance of the following Specific and General Conditions:

A. SPECIFIC CONDITIONS:

- i. Ambient air quality monitoring stations, (SPM, SO₂ and NO_x) shall be set up in the petrochemical unit in consultation with SPCB, based on occurrence of maximum ground level concentration and down-wind direction of wind. The monitoring network must be decided based on modeling exercise to represent short term GLCs. Data on VOC shall be monitored and submitted to the SPCB / Ministry's Regional Office. Monitoring of VOC shall be under taken.
- ii. The effluent generated after recovery of Maleic Anhydride from Scrubber effluent of M/s IG Petrochemicals Limited (IGPL) shall be sent back to ETP of IGPL for further treatment.
- iii. The hazardous waste generated in the form of distillation residues shall be used as a fuel in heater of M/s IG Petrochemical Limited.
- iv. All the standards /Norms stipulated under Environment (Protection) Act, 1986/CPCB should be met. In addition all new standards/norms that would be notified in future for petrochemical units shall be applicable for the proposed expansion unit.
- v. Project authority shall undertake rainwater harvesting measures to recharge the ground water and also to minimise the water drawl from the reservoir and ground water.
- vi. Green belt shall be raised in 33% of the plant area to mitigate the fugitive emissions from the plant. Selection of plant species shall be as per the Central Pollution Control Board guidelines.
- vii. Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board and the State Government.
- ii. No further expansion or modernization in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the respective unit should be immediately put out of operation and should not be restarted until the desired efficiency has been achieved.
- iv. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

- v. The project authorities must strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in 2000 for handling of hazardous chemicals etc. Necessary approvals from Chief Controller of Explosives must be obtained before commission of the project.
- vi. The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization from the State Pollution Control Board must be obtained for collections/treatment/storage/disposal of hazardous wastes.
- vii. The project authorities will provide adequate funds both recurring and non-recurring 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 should not be diverted for any other purposes.
- viii. The stipulated conditions will be monitored by the Regional Office of this Ministry at Bhopal/Central Pollution Control Board/State Pollution Control Board. A six monthly compliance report and the monitored data should be submitted to them regularly.
- ix. 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 State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. This should 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 should be forwarded to the Regional office.
- x. 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 commencing the land development work.

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

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

7.0 Any appeal against this environmental clearance shall lie with the National Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.

8.0 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, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

P. Ahujarai
(Dr. P. L. Ahujarai)
Director

Copy to:

1. The Secretary, Department of Environment and Forests, Govt, of Maharashtra, Mumbai - 400 001, Maharashtra.
2. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office, Link Road No.3, E - 5, Arera Colony, Bhopal - 462 016, M.P.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman Maharashtra Pollution Control Board, Kalpataru Points, 3rd and 4th Floor, Opp. Cine Planet, Sion Circle, Sion (E) Mumbai- 400 022, Maharashtra.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Guard File.
7. Monitoring File.
8. Record File.

P. Ahujarai
(Dr. P. L. Ahujarai)
Director