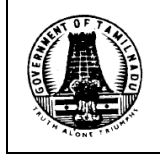


**Dr. R.ANNAMALAI,I.F.S.,**  
DIRECTOR OF ENVIRONMENT  
AND MEMBER SECRETARY



**STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT AUTHORITY,  
TAMILNADU,**

Tamilnadu Pollution Control Board  
Premises,  
76, Mount Salai, Guindy,  
Chennai- 600 032.

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**Lr.No.SEIAA/TN/EC/5(f)/002/F-106/2008 Dated: 4.11.2008**

To,

**The Managing Director,  
M/s. MK Aromatics Limited,  
Plot No. 43 - 47, Alathur SIDCO Industrial Estate  
Alathur, Chengalpattu Taluk,  
Kancheepuram Dist.**

Sub: SEIAA - M/s. MK Aromatics Limited, Plot No. 43 - 47, Alathur SIDCO Industrial Estate, Alathur, Kancheepuram Dist. - Environmental Clearance - Regarding.

Sir,

This has reference to your application No. Nil, dated 30.06.2007 submitted to the State Environment Impact Assessment Authority (SEIAA), Tamil Nadu for Environmental Clearance. The proposal has been appraised by the State Level Expert Appraisal Committee in its meeting held on 17<sup>th</sup>-19<sup>th</sup> July 2008 & 25<sup>th</sup> – 26<sup>th</sup> August 2008 as per the 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 Application Form- I, Pre-feasibility report and further details furnished by the proponent..

It is noted, interalia that the project proposal involves manufacture of synthetic crude oil - 7500-9500 Litres / day at Plot No. 43 - 47, Alathur SIDCO Industrial Estate, Alathur, Kancheepuram District. Existing land area is 0.966 hectare. No ecologically sensitive area exists within 10 Km periphery of the project site. The project does not involve any Rehabilitation & Resettlement. The cost of the project is Rs. 9.0 Crores.

It is proposed to utilize PE, PP, PS ( Poly olefins)( FRP, ABS, PUR - 20-30%) – 10 Tons/day as raw materials. Power requirement shall be met from TNEB grid and with backup D.G Set. The water requirement will be 9.5 KLD which will be met through SIDCO supply. 7.5 KLD of trade effluent and 2 KLD of sewage will be generated during operation. Sewage will be treated & disposed in septic tank followed by soak pit. The trade effluent plant will be treated in the Effluent Treatment Plant. The treated effluent will be reused for Chemical pretreatment & Cooling tower

make up to achieve Zero discharge of trade effluent. Solid waste from the process & ETP will be sent to Common Hazardous Waste Treatment, Storage and Disposal Facility.

The project activity is listed at 5 (f) and is of B2 Category project in the Schedule of EIA Notification, 2006. Public Hearing/consultation, not required for the project as it is located in a notified industrial estate at Alathur SIDCO Industrial Estate, Alathur, Kancheepuram District.

The SEAC after due consideration of the relevant documents and information submitted by the Project Proponent has recommended to the SEIAA, Tamil Nadu to grant Environmental Clearance to this project. The proposal was considered by SEIAA, Tamil Nadu in its meeting held on 24.10.2008 and as the public consultation is not required for the project, the SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 based on the recommendations of the SEAC subject to the strict compliance of the following terms and conditions.

#### **A. SPECIFIC CONDITIONS - Environment Management Measures**

- i. The sewage generated shall be treated & disposed in septic tank followed by soak pit arrangement.
- ii. The trade effluent shall be treated in the Effluent Treatment Plant. The treated effluent shall be reused for chemical pre-treatment and cooling tower makeup to achieve Zero Discharge of Trade Effluent.
- iii. The water requirement shall not exceed 9.5 KLD which shall be met from SIDCO supply.
- iv. 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. Scrubber efficiency shall be minimum 99%.
- v. The unit shall provide adequate and appropriate control measures to mitigate VOC emissions. Proper monitoring system shall be installed and operated. Levels of HC and VOC at various probable locations in the ambient air in and around the plant shall be monitored regularly. Periodic report shall be sent to concerned monitoring authorities (TNPCB, Regional office, Bangalore, MoEF, Gol.)
- vi. The unit shall adhere to the AAQ/emission standards prescribed by the TNPC Board. 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.

- vii. Ambient air quality monitoring stations (AAQM) shall be set up as per statutory requirement. The locations of ambient air quality monitoring stations shall be decided in consultation with the Tamil Nadu Pollution Control Board and it shall be ensured that at least one station is installed in the up wind and another in the downwind direction as well as where maximum ground level concentrations are anticipated.
- viii. Stringent odour control measures should be implemented to prevent totally odour nuisance to the neighbourhood population and industrial units in a complete and adequate manner.
- ix. 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).
- x. Solid waste from process, ETP sludge, shall be sent to TSDF, Gummidipoondi. Handling and disposal of Hazardous waste should comply with TNPCB norms.
- xi. Green belt shall be developed and maintained as per CPCB Guidelines.
- xii. The Proponent shall furnish an undertaking that they will abide by the conditions / recommendations mentioned in the pre-feasibility report furnished by them.
- xiii. It is mandatory for the project proponent to furnish to the SEIAA, Half yearly compliance report in hard and soft copies on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year in respect of the conditions stipulated in the prior Environmental clearance.

#### **B. GENERAL CONDITIONS:**

- i) "Consent for Establishment" shall be obtained from Tamil Nadu Pollution Control Board and a copy shall be furnished to the SEIAA, Tamil Nadu before taking up any construction activity at the site.
- ii) The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearance from other statutory and administrative authorities.
- iii) No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted for clearance, a fresh reference

shall be made to the SEIAA to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

- iv) Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.
- v) Proper House keeping programmes shall be taken up.
- vi) Usage of Personal Protective Equipments (PPEs) by all employees/workers shall be ensured.
- vii) The Project proponent shall harvest surface as well as rainwater from the rooftops of the buildings and storm water drains to recharge the ground water.
- viii) 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 Wastes (Management, Handling and Transboundary Movement) Rules, 2008, as amended from time to time. Authorization from the TNPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes. All Transportation of Hazardous Chemicals shall be as per the MVA, 1989.
- ix) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.
- x) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xi) The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that
  - i) The project has been accorded Environmental Clearance.
  - ii) Copies of clearance letters are available with the Tamil Nadu Pollution Control Board.
  - iii) Environmental Clearance may also be seen on the website of the SEIAA.The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same shall be forwarded to the SEIAA.
- xii) The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

- xiii) The SEIAA reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.
- xiv) 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, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Member Secretary,  
State Level Environmental Impact  
Assessment Authority,  
Tamil Nadu.

Copy to:-

1. The Secretary to Government, Environment & Forests Dept,  
Govt.of Tamil Nadu, Fort St.George, Chennai-9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan,  
CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
3. The Member Secretary, Tamil Nadu Pollution Control Board,  
76, Mount Salai, Guindy, Chennai-600 032.
4. The CCF, Regional Office, Ministry of Environment & Forest (SZ),  
Kendriya Sadan, IV floor, E&F wings, 17th Main Road,  
Koramangala II Block, Bangalore - 560034.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests,  
Paryavaran Bhavan, CGO Complex, New Delhi 110003.
6. Stock File.