

Annexure No-62

No. J-11011/46/2000 - IA II (I)

Government of India  
Ministry of Environment & Forests

MOEF 200 KLPD  
(9)

MOEF  
60 KLPD

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New Delhi - 110 003  
March 2, 2001

To,  
The General Manager,  
M/s Somaiya Organo-Chemicals Limited  
Sameerwadi-587 316  
District Bagalkot,  
Karnataka

Sub: Expansion of Distillery Unit from 30 KLPD to 60 KLPD by M/s Somaiya Organo Chemicals Limited at village Sameerwadi, Tehsil Mudhol, District Bagalkot, Karnataka- environmental clearance reg.

Sir,

This has reference to your communication No.SMR/SOC/2000-01/290 dated 11<sup>th</sup> July, 2000 along with EIA/EMP report, floppy and subsequent clarifications furnished vide your letters dated 4<sup>th</sup> September, 2000, 17<sup>th</sup> October, 2000, 24<sup>th</sup> November, 2000, 22<sup>nd</sup> December, 2000 and 19<sup>th</sup> January, 2001 on the above mentioned project. The Ministry of Environment and Forests has carefully examined your proposal for expansion of Distillery Unit from 30 KLPD to 60 KLPD. The production of distillery unit is based on the conventional batch fermentation process. The treatment of spentwash will be in the anaerobic digesters followed by composting based on bio-earth principle as secondary treatment system using press mud of sugar unit. It is also observed that NOC from Karnataka State Pollution Control Board has been obtained on 20<sup>th</sup> June, 2000 and the Public Hearing Panel has recommended the proposal in the meeting held on 13<sup>th</sup> March, 2000.

2.0. The Ministry of Environment and Forests hereby accords environmental clearance to Expansion of Distillery Unit from 30 KLPD to 60 KLPD at Bagalkot, Karnataka by M/s Somaiya Organo Chemicals Limited under the provisions of EIA Notification dated 27<sup>th</sup> January, 1994 as amended on 04.05.94 and 10.04.97 subject to strict compliance of the following specific and general conditions:

A. SPECIFIC CONDITIONS:

- i. The industry should ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the Environmental (Protection) Act, 1986 rules or State Pollution Control Board whichever is more stringent. In case of process disturbances/failure of pollution control equipments adopted by the unit, the respective unit should be shut down and should not be restarted until the control measures are rectified to achieve the desired efficiency.

- ii. Selection of ground water monitoring stations should be based on hydrogeological conditions. Sampling and trend analysis must be on monthly basis. The project authorities should carry out a hydrogeological study of the area to ascertain the trend in water table and report should be submitted to the Ministry.
- iii. The company should develop rainwater harvesting and water conservation measures and plan should be submitted to the Ministry within three months.
- iv. The company should ensure prevention of ground water pollution by adequate lining of the composting area. Storage lagoons for spent wash should also be maintained properly.
- v. Regular operation of the compost plant should be ensured to avoid storage of spent wash for long period by taking preventive measures such as operational maintenance of aero-tiller, adequate supply and storage of press-mud / other organic material to ensure complete utilization of the entire spent wash after expansion. Marketing mechanism of the Bhumi Labh should be strengthened to avoid huge stocking of compost and consequent non-operation of compost plant.
- vi. As reflected in the EIA /EMP, green belt of adequate width and density in an area of 4 ha. should be provided to mitigate the effects of fugitive emission all around the plant in consultation with the local DFO.
- vii. Occupational health surveillance programme should be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre should be strengthened and the medical records of each employee should be maintained separately.

**B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the Karnataka State Pollution Control Board and the State Government.
  - ii. No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment and Forests.
  - iii. Ambient air quality monitoring stations should be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO<sub>2</sub>, NO<sub>x</sub>, are anticipated in consultation with the State Pollution Control Board.
  - v. Adequate number of influent and effluent quality monitoring stations should be set up in consultation with the State Pollution Control Board. Regular monitoring should be carried out for relevant parameters.
- The overall noise levels in and around the plant area should 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).

- vi. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA report.
- vii. A separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions. 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 purpose.
- viii. The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional Office at Bangalore /State Pollution Control Board/Central Pollution Control Board. A six monthly compliance status report along with the monitored data should be submitted to the monitoring agencies.
- ix. The Project Proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing 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 and Forests at <http://envfor.nic.in>.
- x. The Project Authorities should 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 land development work, if any.

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

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

5.0. 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 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.

*P. I. Ahujara*  
(Dr. P. I. Ahujara)  
Additional Director

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