

भारत सरकार
पर्यावरण एवं वन मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS

BY Speed Post

E-mail : sansom_2859@yahoo.co.in
sansomj@gmail.com

Telefax : 011-2436 0488

No. J-11013/14/2007 - IA II (I)

Date: 12th June 2007

To,

Shri J. K. SABOO
Executive Director
I. G. Petrochemical Limited
Plot No. T-2, Talaja Industrial Area
MIDC, Talaja
Raigarh- 410 208
Maharashtra

Subject: Environmental Clearance for the Expansion of Phthalic Anhydride Plant at MIDC Industrial Area, Talaja, Raigarh, Maharashtra at No Increase in Pollution Load Basis by M/s I.G. Petrochemicals Ltd.

Sir,

This has reference to your letter no. IGPL/JKS/2006/055 dated 27th November 2006 seeking environmental clearance for the above-mentioned project.

2. The Ministry of Environment and Forests has examined the proposal and it is noted that the proposal is for capacity addition of 26,110 MTA of Phthalic Anhydride to the existing 90,000 TPA by change in Catalyst on 'No-Increase in Pollution Load' basis. The Technology for the plant has been supplied by Lurgi of Germany. The Unit PA-I was installed in 1992 with a capacity of 45,000 MTA and PA-II was set up in 1997 with the same capacity. PA-II was undertaken after the Environmental Clearance from this Ministry. The expansion the capacity is due the proposed use of a new generation Catalyst supplied by BASF of Germany which will increase the yield of product. For this purpose, PA-I will need de-bottlenecking while PA-II will be in a position to handle the extra load. The Maharashtra Pollution Control Board has issued Consent to Establish for the project on 16.09.2006. The cost of the project is Rs. 04.68 Crores.

3. The project activity is listed at 5(f) in the Schedule of the EIA Notification, 2006 and is of 'B' Category being in the industrial area and shall not require Public Hearing. Based on the information provided by you, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General conditions:

Contd.

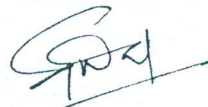


जहाँ है हरियाली।
वहाँ है खुशहाली।।

पर्यावरण भवन, सी.जी.ओ कॉम्प्लेक्स, लोदी रोड, नई दिल्ली - 110 003
PARYAVARAN BHAWAN, C.G.O. COMPLEX, LODHI ROAD, NEW DELHI - 110 003

A. SPECIFIC CONDITIONS

- (i) Due to this proposed de-bottlenecking, there will be a reduction in the generation of pollutants. The air pollution load will reduce from 375.6 kg/h to 366.50 kg/h for PA-I and from 398.3 to 336.40 kg/h for PA-II. This will reduce the TOC in the scrubber outlet as inlet load will be reduced. Total DM water usage will be reduced from 3816 m³/h to 3600 m³/h due to reduced organics levels in the off gases.
- (ii) The DM makeup water will further be reduced to 2348 m³/month from 2434 m³/month. The total effluent generation from both the plants will reduce from 2304 m³/h to 2088 m³/h.
- (iii) There will be no change in the quantity of distillate residue generated. It will be disposed off as per the authorization from MPCB.
- (iv) There will be no increase in the existing storage tanks.
- (v) All other Conditions prescribed by the Ministry at the time of expansion of PII will prevail.
- (vi) Fugitive emissions, especially in the work zone shall be regularly monitored and records be maintained.
- (vii) Raw material will be stored in covered yards. Water sprinkling arrangement should be made in the raw material stock yard to control fugitive emissions..
- (viii) Acoustic enclosures will be installed to limit the noise levels below 85 dBA.
- (ix) The company shall strictly follow all the relevant guidelines of CPCB given from time to time.
- (x) 25% of the total land area will developed as green belt.
- (xi) The company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.
- (xii) Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health center shall be strengthened and the medical records of each employee shall be maintained separately.



Contd.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the concerned State Pollution Control Board (SPCB) and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. Regular Ambient Air Quality Monitoring shall be carried out. The monitoring stations will be set up in consultation with the SPCB. At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO₂ and NO_x are anticipated in consultation with the SPCB. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions. On-line data for air emissions shall be transferred to the CPCB and SPCB once in six months. The instruments used for ambient air quality monitoring shall be calibrated regularly.
- iv. Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the SPCB. Regular monitoring shall be carried out for relevant parameters.
- v. 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 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- vi. The overall noise levels in and around the plant area shall be limited within the prescribed standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- vii. Proper House keeping and adequate occupational health programs shall be taken up. Regular Occupational Health Surveillance Programme for the employees and contract workers shall be carried as per the Factories Act and records shall be maintained properly for at least 30-40 years.
- viii. A separate environment management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.
- ix. Separate funds will be earmarked for the environmental protection measures and shall be used judiciously used to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The

Contd.



funds so provided shall not be diverted for any other purpose.

- x. Concerned Regional Office of this Ministry / SPCB / Central Pollution Control Board shall monitor the implementation of the stipulated conditions. Six monthly compliance status report and monitoring data along with statistical interpretation shall be submitted to them regularly.
 - xi. 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>. The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry's Regional Office at Bhopal.
 - xii. 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 land development work.
4. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 5. The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.
 6. 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, the Public Liability Insurance Act, 1991, Hazardous Waste (Management & Handling) Rules, 1989 and Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 along with their amendments and rules.



(Sanchita Jindal)
Additional Director

Copy to :

1. The Secretary, Department of Environment and Energy, Government of Maharashtra, Room No. 403, 4th Floor, Mantralaya, Mumbai - 400 032, Maharashtra



Contd.

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 Point 3rd and 4th Floor, Matunga Scheme Road, Road No. 6, Opp. Cine Planet Circle Sion (E) Mumbai - 400 022, Maharashtra
5. Joint Secretary (CCI-I) Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File.
8. Monitoring File.
9. Record File.

(Sanchita Jindal)
Additional Director

