

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

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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.

