

**F. No. J-11011/344/2007-IA II (I)**  
**Government of India**  
**Ministry of Environment and Forests**  
**(I.A. Division)**

**Paryavaran Bhawan**  
**CGO Complex, Lodhi Road**  
**New Delhi – 110 003**

**E-mail : [hanumant.singh@nic.in](mailto:hanumant.singh@nic.in)**  
**Telephone : 011: 2436 7076**  
**Dated 7<sup>th</sup> August, 2007**

To,

Shri G.K.B. Chowdary, MD  
M/s Vasant Chemicals Ltd,  
Plot No. 91-C,  
Phase-I, I.D.A. Jeedimetla,  
Hyderabad, A. P.

[vasant@vasantchemicals.com](mailto:vasant@vasantchemicals.com)  
Fax – 91-40-23091328

**Subject :** Chemical manufacturing unit at Plot No. 91-C, Phase-I, I.D.A. Jeedimetla, Hyderabad, A. P. by M/s Vasant Chemicals Ltd – Environmental Clearance reg.

Sir,

This has reference to your letter no. nil dated 9<sup>th</sup> April 2007 , along with Application in Form-I, pre-feasibility report and EMP, seeking environmental clearance for the above project under the Environment Impact Assessment Notification, 2006 and subsequent communication vide letter dated 19<sup>th</sup> May, 2007.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that the proposal is for environmental clearance for Chemical manufacturing unit at Plot No. 91-C, Phase-I, I.D.A. Jeedimetla, Hyderabad, A. P. The plant is proposed to be located within the existing plot in the designated industrial estate. Products and production capacities are as given below:

S.N.	Products	Quantity	Remarks
<b>Existing : Chemicals</b>		kg/day	
1	Para amino benzene sulphonic acid	166.7	
2	Para amino benzene 3, 4 di-sulphonic acid	100.0	Dropped
<b>Proposed : Group – A : Fine Chemicals</b>			
1	Manganese Catalyst	28	Two products will be
2	Amino Chloro Nitro Phenol	133.3	
<b>Group – B : Dye Intermediates</b>			
1	Dihydrazino Stilbene Di-Sulphonic Acid	33	manufacture d at any given time, one from each group.
2	(2,6 Di Azido Benzal – Sulphonic acid Sodium Salt) Cyclohexanone, 4 H <sub>2</sub> O	6.67	
3	4,4' Diazido Stilbene Di-sulphonic acid di-sodium salt	20	

3.0 Total cost of the project is Rs. 6.25 Crores. Rs. 1.55 Crores and Rs. 0.60 Crore have been earmarked towards the capital cost and recurring cost/annum for environment pollution control measures respectively.

4.0 The Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14<sup>th</sup> September, 2006 subject to compliance of the following specific and general conditions:

**A SPECIFIC CONDITIONS :**

- i) The gaseous emissions (SO<sub>2</sub>, NO<sub>x</sub>) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- ii) Ambient air quality monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentration are anticipated in consultation with the A.P. Pollution Control Board.
- iii) For control of process emissions, stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided.
- iv) Company shall provide Cyclone separator and Bag filters to control air emissions. All the transfer points shall be connected with bag filters to avoid any fugitive emission and vents of suitable height shall be provided for dispersion of pollutants.
- v) Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by APPCB.
- vi) During transfer of materials spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.
- vii) The company shall undertake following Waste Minimization measures :-
  - Metering of quantities of active ingredients to minimize waste.
  - Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - Maximizing recoveries
  - Use of automated material transfer system to minimize spillage.



- Use of "Close Feed" system into batch reactors.
- viii) Wastewater shall be treated in ETP as per inlet norms of CETP (JETL) and treated wastewater shall be sent to CETP (JETL). The domestic wastewater after treatment in septic tank followed by soak pit shall be utilised for green belt development.
- ix) The solid/hazardous wastes generated in the form of process wastes and ETP sludge shall be sent to CHWMP.
- x) Project authorities shall ensure valid "Membership" to CETP and CHWMP all the time.
- xi) The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water.
- xii) As proposed, green belt shall be provided in 1330 m<sup>2</sup> to mitigate the effects of fugitive emissions all around the plant as per the Central Pollution Control Board guidelines.
- xiii) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- xiv) Project authorities shall obtain prior permission for the drawl of 33.6 m<sup>3</sup>/d water from the competent authority.

## **B GENERAL CONDITIONS**

- i. The project authorities shall strictly adhere to the stipulations of the SPCB/state government or any statutory body.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000. Authorization from the APPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.

- iv. The project authorities shall 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 A.P. Pollution Control Board shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- v. 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 shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vi. The project proponent shall comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.
- vii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the environmental management and monitoring functions.
- viii. The implementation of the project vis-à-vis environmental action plans shall be monitored by Ministry's Regional Office at Bangalore/GPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies.
- 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 APPCB and may also be seen at Website of the Ministry at <http://envfor.nic.in>. This shall 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 shall be forwarded to the Ministry's Regional Office at Bangalore.
- 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 start of the project.

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 shall implement these conditions.


7.0 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 and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 alongwith their amendments and rules.

  
(H.S. Malviya)  
Joint Director

Copy to : -

1. The Secretary, Department of Environment and Forests, Govt. of Andhra Pradesh, Hyderabad, A.P.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi – 110032.
3. The Chairman, Andhra Pradesh State Pollution Control Board, Paryavaran Bhavan, A-3, Industrial Estate, Sanatnagar, Hyderabad – 500 018, A. P.
4. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (SZ), Kendriya Sadan, IV<sup>th</sup> Floor, E & F Wing, 17<sup>th</sup> Main Road, Koramangla, Bangalore - 560 034, Karnataka.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
6. Guard file.
7. Record file
8. Monitoring file.

  
(H.S. Malviya)  
Joint Director