

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

BY SPEED POST

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No. J-11011/381/2006 - IA II (I)

Date: 11th May 2007

To,

Shri A. Ramachandra Rao
Assistant General Manager- Projects
Godavari Fertilisers and Chemicals Limited
1-2-10, 3rd Floor, Coromandal House
Sardar Patel Road
Secunderabad - 500 003
Andhra Pradesh

Subject: Environmental Clearance for the Expansion Project of NPK Grade Fertilizers at Valasapakala, Kakinada Rural Mandal, East Godavari, Andhra Pradesh by M/s Godavari Fertilizers and Chemicals Limited.

Sir,

This has reference to your letter no. GFCL/MoE&F/EC/1/2006, dated 01.11.2006 seeking environmental clearance for the above-mentioned project.

2. The Ministry of Environment and Forests has examined the proposal. It is noted that the proposal is for capacity enhancement of NPK Fertiliser from 1.85 lakh MTA to 6.10 lakh MTA at your existing plant in village Valasapakala, Kakinada Rural Mandal, District East Godavari in Andhra Pradesh. The cost of expansion will be Rs. 80.0 Crores. The provision to manufacture four grades of NPK will be there but only one product will be manufactured at any given point of time and production of C train product will not exceeds 4.25 lakhs MTPA. Existing land area for the plant is 281.66 ha out of which only 0.5 Ha will be used for expansion. No additional land acquisition is envisaged therefore no R & R is involved. The project does not involve forestland. About 141 ha area has already been afforested which will be further enhanced as green belt. Power requirement of 7.5 MW will be met by APTRANSCO & APGPCL. The project has a 7 TPH Natural Gas Fired Boiler and 1000 KVA DG Set. No additional storage facility and other utilities are envisaged for the expansion. Total cost of the project is Rs. 80.00 Crores out of which Rs. 07.11 Crores has been earmarked towards the environment protection measures. The project will be based on Pipe Reactor Technology. Water requirement will increase from 892 KLD to 1270 KLD, which will be met from the State Irrigation Department. There will be zero discharge from the project.

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जहाँ है हरियाली।
यहाँ 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

-2-

No solid waste will be generated from the expansion process. Waste Oil and used battery will be sold to the authorised recyclers. Public hearing for the project was held on 25th September 2006.

3. The Project was received after 14th September 2006, the date of EIA Notification, 2006 however was considered as per the old EIA Notification, 1994 as per sub-Para (i) of Para 2.1.1, of the Interim Operational Guidelines dated 13th October 2006 issued by the Ministry of Environment and Forests under Para 12 of the EIA Notification 2006.

4. Based on the information submitted by you, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14th September 2006 subject to the compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS

- i The provision to manufacture four grades of NPK will be there but only one product will be manufactured at any given point of time and production of C train product will not exceeds 4.25 lakhs MTPA.
- ii The gaseous emissions (SO₂, NO_x, NH₃, HC, VOC & Fluoride) matter from various process units shall conform to the prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. The stack height shall be as per the CPCB guidellnes. 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. Further, the company shall interlock the production system with the pollution control devices.
- iii To limit various pollutants with in the prescribed limits, multiple scrubbing systems along with a stack of 50 m will be provided. The stack height of DG Sets will be 13 m.
- iv Additional ambient air quality monitoring stations shall be set up, if required, in consultation with the MPCB.
- v The fugitive emissions in the work zone environment, product, raw material storage area shall be regularly monitored and data shall be submitted to the concerned authorities. The emissions shall be controlled and conform to the limits prescribed by the CPCB in future.

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-3-

- vi Total water requirement shall not exceed 1270 KLD as per the permission accorded by the State Irrigation Department.
- vii There shall be no discharge of waste water from the unit. The effluent shall be treated in the augmented Effluent Treatment Plant (ETP) and shall be reused in the process and for Green Belt development.
- viii The company shall undertake following Waste Minimization measures :-
 - Metering and control 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.
 - Use of automated filling to minimize spillage.
 - Use of "Close Feed" systems.
 - Venting equipment through vapour recovery system.
 - Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- ix No solid waste will be generated from the expansion process. Used Oil and Batteries shall be sold to authorized reprocessors.
- x All safety precautions, as submitted to Ministry shall be installed and undertaken.
- xi 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 and Hazardous Wastes (Management and Handling) Rules, 2003 along with the Emergency Preparedness Rules. Authorization from the State Pollution Control Board must be obtained for collection/treatment/storage/disposal of hazardous wastes, if any.
- xii The company shall strictly follow all the recommendations mentioned in the Charter on Corporate Responsibility for Environmental Protection (CREP).
- xiii The company must 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.

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-4-

- xiv Occupational Health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

B. GENERAL CONDITIONS

- i. The project authorities must strictly adhere to the stipulations made by the Andhra Pradesh Pollution Control Board (APPCB) 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. Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the APCB. Regular monitoring shall be carried out for relevant parameters.
- iv. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.
- 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 programmes shall be taken up. Regular Occupational Health Surveillance Programme shall be carried and records shall be maintained properly for at least 30-40 years. The programme shall include lung function and sputum tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.
- 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. As proposed in the EIA/EMP, Rs. 07.11 Crores and Rs 0.52 Crores/annum shall be earmarked to meet the capital cost and recurring cost/annum for the environmental protection measures shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the
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-5-

- x. State Government. The funds so provided shall not be diverted for any other purpose.
 - xi. The company shall undertake welfare measures and community development measures for the local people in the vicinity of the project area.
 - xii. Regional Office of this Ministry at Bangalore / Andhra Pradesh Pollution Control Board / 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.
 - xiii. 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 Andhra Pradesh 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 Bangalore.
 - xiv. 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.
5. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
6. The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.
7. 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

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-6-

Copy to :

1. The Secretary, Department of Environment and Forests, Govt. of Andhra Pradesh, Hyderabad - 400 001, A.P.
2. The Chief Conservator of Forests (Southern Region), Ministry of Environment & Forests, Regional Office, Kendriya Sadan, 4th Floor, C&F Wing, Kormangala, BANGALORE - 560 034.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Andhra Pradesh Pollution Control Board, Paryavaran Bhawan, A-3, Industrial Area, Sanath Nagar, Hyderabad - 500018.
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