

F. No. J-11011/520/2009- IA II (I)  
Government of India  
Ministry of Environment and Forests  
(I.A. Division)

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Tele/fax: 011 – 2436 3973  
Dated: November 16<sup>th</sup>, 2010

To,

The Deputy Managing Director,  
M/s Green Tech Industries (India) Private Limited  
APIIC Multi Product SEZ, Village Dwarkapuram,  
Mandal Naidupet, SPSR Nellore District - 524421  
Andhra Pradesh

Ph: 086- 23247811

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**Sub: Auto Parts Manufacturing Facility (Raw castings, 60,000 TPA & Finished parts, 30,00,000 Pieces/Annum) at Sy. Nos. 11 to 15, 20, 22, 23, 219, 220, 222 and 223, Multi-Product SEZ area of APIIC, Village Dwarkapuram, Mandal Naidupet, District Nellore, Andhra Pradesh by M/s Greentech Industries (India) Private Limited - regarding Environmental Clearance**

Sir,

This has reference to your letter no. 04/GT/10 dated 1<sup>st</sup> April, 2010 along with copies of EIA/EMP/ public hearing reports and subsequent communications dated 4<sup>th</sup> August and 29<sup>th</sup> September, 2010 seeking environment clearance under the provisions of EIA Notification, 2006.

2. The Ministry of Environment and Forests has examined the application for the above project. It is noted that M/s Greentech Industries (India) Private Limited have proposed for Auto Parts Manufacturing Facility (Raw castings, 60000 TPA & Finished parts, 30,00,000 pieces/annum) at Sy. No. 2-17, 20, 22-23, 219-224, Multi-Product SEZ, Village Dwarkapuram, Mandal Naidupet, District Nellore, Andhra Pradesh. Total project area has been optimized from 210 acres to 50.05 acres. River Swarnamukhi flows at a distance of 5.5 km from the project site. No national park / wild life sanctuary / reserve forest is located within 10 km radius of the project site. Pulicat bird sanctuary is at a distance of 40 km. Total cost of the project is Rs. 600.0 Crores. Rs. 2.45 Crores and Rs. 0.38 Crores will be earmarked towards total capital cost and recurring cost / annum for environmental pollution control measures.

3. To control the particulate emissions from the induction furnace, sand treatment mixer, grinding machine, bag filters will be installed. Flue gases from the furnace will be passed through bag filters and the clean gas will be passed through a stack of 30 m height. To control the fugitive emissions, close conveyers will be installed. Roads will be regularly sprinkled with water. Dust suppression / extraction system at raw material handling area will be provided.

4. Total water requirement of 279m<sup>3</sup>/day will be met from the APIIC. Process wastewater will be treated in effluent treatment plant. Treated wastewater will be used for cooling towers and irrigation. Boiler blow down will be neutralized in the neutralization tank before mixing with other effluent streams. After neutralization, these two effluents will be

mixed with cooling tower blow down in a Central Monitoring Basin. After neutralization, the effluent will be treated in a Sewage treatment plant. The treated effluent will be used for ash conditioning, dust suppression and green belt development. Service water will be passed through oil separator to remove oil content in the effluent. Sanitary wastewater will be treated in septic tank followed by soak pit. No effluent will be discharged outside the premises and 'zero' discharge will be adopted.

5. The solid waste will be generated from sand moulds. About 99% of foundry sand waste will be reused to make cores or shell moulds and 1% will be disposed off for land leveling. Land Slag and used sand moulds will be generated as solid waste.

6. Green belt will be developed in 33% of plant area. Power requirement will be sourced from APTRANSCO through 133 KVA sub-station to be established by APIIC in SEZ premises. A DG set of 500 KVA will be provided at the plant site as standby in case of power failure.

7. The project activities are listed at S.No. 3(a) under Category 'A' regarding secondary Metallurgy Industries of the Schedule of EIA Notification 2006 and appraised by the Expert Appraisal Committee (Industry) in the Ministry. Public hearing of the project was held on 23<sup>rd</sup> February, 2010.

8. The proposal was considered by the Expert Appraisal Committee-1 (industry) in its 12<sup>th</sup> meeting held during 26<sup>th</sup> - 28<sup>th</sup> July, 2010. The Committee sought additional information for reconsideration of the project. On receipt of information, the proposal was placed before the Expert Appraisal Committee in its 14<sup>th</sup> meeting held during 23<sup>rd</sup> - 25<sup>th</sup> September, 2010. The Committee recommended the proposal for environmental clearance subject to stipulation of specific conditions along with other environmental conditions.

9. Based on the information submitted by you, presentation made by you and consultant, M/s Bhagavathi Ana Labs Ltd., Hyderabad, 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 strict compliance of the following Specific and General conditions:

**A. SPECIFIC CONDITIONS :**

- i. On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. bag filters and wet scrubber etc. shall be provided to keep the emission levels below 50 mg/Nm<sup>3</sup> by installing energy efficient technology.
- ii. The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be followed.
- iii. Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30<sup>th</sup> May, 2008 and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.
- iv. Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.

- v. The total water requirement shall not exceed 279m<sup>3</sup>/day. Permission for drawl of water from the Competent Authority shall be obtained. Effluent discharge shall be strictly followed and no wastewater should be discharged outside the premises.
- vi. As proposed, green belt shall be developed in 33 % of the plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- vii. All the commitments made to the public during the Public hearing / Public consultation meeting held on 23<sup>rd</sup> February, 2010 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bangalore.
- viii. At least 5 % of the total cost of the project shall be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Bangalore. Implementation of such program shall be ensured accordingly in a time bound manner.
- ix. The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

**B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the Andhra Pradesh State Pollution Control Board 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. The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19<sup>th</sup> May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.
- iv. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bangalore and the SPCB/CPCB once in six months.
- v. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended form 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 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 (daytime) and 70 dBA (nighttime).

- vii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- viii. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- ix. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- x. Requisite amount shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bangalore. The funds so provided shall not be diverted for any other purpose.
- xi. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
- xii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bangalore. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- xiii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bangalore/ CPCB / SPCB shall monitor the stipulated conditions.
- xiv. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bangalore by e-mail.
- xv. 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 SPCB and may also be seen at Website of the Ministry of Environment and Forests 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 should be forwarded to the Regional office at Bangalore.

- xvi. 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 commencing the land development work.
10. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
11. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
12. The above conditions shall 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, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.

  
(Dr. P.L. Ahujarai)  
Scientist 'F'

**Copy to:**

1. The Secretary, State Department of Environment, Government of Andhra Pradesh, Mantralaya, Hyderabad.
2. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
3. The Chairman, Andhra Pradesh State Pollution Control Board, 2<sup>nd</sup> Floor, HUDA Complex, Maitrivaram, S.R. Nagar, Hyderabad- 500 038.
4. The Chief Conservator of Forests (Central), Regional Office (SZ), Kendriya Sadan, IVth Floor, E&F Wing, 17<sup>th</sup> Main Road, Koramangala, Bangalore-560034.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi- 110003.
6. Guard file / Record file / Monitoring file.

  
(Dr. P.L. Ahujarai)  
Scientist 'F'