

F. No. J-11011/43/2009- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

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Dated: April 13, 2009

To,
The Executive Director
M/s M.P. Chini Industries Limited
PO & Village Majhauia,
Distt. West Champaran
Bihar

E-mail : etrclko@yahoo.co.in / mpudyog@sancharnet.in

**Subject: Expansion of sugar mill capacity from 3500 TCD to 5000 TCD
at PO & Village Majhauia, Distt. West Champaran in Bihar by M/s M.P.
Chini Industries Ltd.-reg Environmental Clearance**

Sir,

This has reference to your letter No. MPS/01/EC/2008 dated 25th December, 2008 along with a copy of Form -1, pre-feasibility and EIA/EMP reports on the above subject seeking environmental clearance under the EIA Notification, 2006.

2.0 The Ministry of Environment and Forests has examined the proposal. It is noted that M/s M.P. Chini Industries Ltd. have proposed for expansion of sugar mill capacity from 3500 TCD to 5000 TCD at PO & Village Majhauia, Distt. West Champaran in Bihar. Proposed expansion will be carried within the existing sugar unit having land area of 76.44 acres of which 30 acres will be used as green belt. No protected forests/Eco-sensitive areas are located within 10 Km. radius of the unit. River Konhra flows at a distance of 4.5 km from unit. Total cost of the project is Rs. 28.50 Crore of which Rs 1.43 crores will be utilized on environmental protection measures and recurring cost will be Rs 66.00 lacs.

3.0 Fresh water requirement of 183 m³/d will be met from the ground water source. Waste water generation will be 500 m³/day, which will be treated in the modified ETP and treated effluent will be used as make up water in wet scrubber, spray pond and irrigation. The domestic waste water will be treated in septic tank followed by soak pit. The power requirement of 5000 KW will be met from the own co-generation power plant. Four DG sets of capacities 88, 88, 50 and 250 KVA will be used in case of power failure. Fuel requirement for the boiler will be bagasse (1260 TPD). Particulate emissions from the 14, 40, 32 and 45 TPH bagasse fired boilers will be controlled by multi-cyclone and wet scrubber with stack height of 30.5 m, 40 m and 40 m respectively. The solid waste to be generated from the unit will be press mud (180 MT/day) which will be used as manure. Bagasse (1650 MT / Day) will be used as fuel and boiler ash (74.25 MT/day) will be used for land filling.

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4.0 The project activity is listed at 5 (j) of EIA Notification, 2006 and is a 'B' category project. Since SEIAA/SEAC for Bihar is yet to be constituted, proposal was appraised at the Centre. The Expert Appraisal Committee (I) considered the project in its 92nd meeting held on 18th to 20th March 2009. The proposal was recommended for environmental clearance as per para 7(ii) of EIA Notification, 2006 exempting the project from preparation of EIA & Public hearing.

5.0 Based on the information submitted by project authorities, 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 strict compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS:

- i. The waste water generation shall not exceed 500 m³/d which after treatment shall be used for wet scrubber makeup, spray pond and irrigation purpose to achieve zero discharge. The domestic effluent shall be disposed of in the soak pit.
- ii. As per the CPCB recommendation, storage for the treated effluent from the sugar unit shall not exceed 15 days capacity.
- iii. Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this Ministry.

- iv. Particulate emissions from the baggase fired boilers shall be controlled by installation of multicyclone / wet scrubber and emissions shall be dispersed through stack of height as per CPCB standards. The DG set shall be provided with acoustic enclosures to mitigate the noise pollution and emissions shall be dispersed through stack of height as per CPCB standards.
- v. The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the State Pollution Control Board. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- vi. The company shall obtain permission from the State/Ground Water Department to draw the water as may be applicable to this case.
- vii. Green belt in 33% of the plant area shall be provided to mitigate the effects of fugitive emissions all around the plant and compost yard as per the CPCB guidelines in consultation with the local DFO.
- viii. The Company shall adopt rainwater harvesting measures to recharge the ground water.

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B. GENERAL CONDITIONS:

- i. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- ii. Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO₂, NO_x, are anticipated in consultation with the State Pollution Control Board.
- iii. Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the State Pollution Control Board. Regular monitoring should be carried out for relevant parameters.
- iv. The industry shall ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the EPA rules or SPCB whichever is

more stringent. In case of process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.

- v. The overall noise levels in and around the plant area shall be kept well within the standards 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 (day time) and 70 dBA (night time).
- vi. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA /EMP.
- vii. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee shall be maintained separately.
- viii. A separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.
- ix. The project authorities shall provide requisite funds for both recurring and non-recurring expenditure to implement the conditions stipulated by the non-recurring expenditure to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
- x. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
- xi. The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional Office at Bhubneshwar /State Pollution Control Board/Central Pollution Control Board.
- xii. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated E C conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of

MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board.

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xiii. 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 State Pollution Control Board/ Committee 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 shall be forwarded to the Regional office.

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.

7.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

8.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.

9.0 Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.

10.0 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, Handling and trans boundary) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

(Dr. P. L. Ahujarai)
Director

Copy to: -

1. Secretary, State Deptt. of Environment, Government of Bihar, Mantralaya, Patna.
2. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.

3. The Chairman, Bihar Pradesh State Pollution Control Board, Beltron Bhavan, 2nd Floor, LalBahadurShastri Nagar, Patna- 800023.
4. Chief conservator of forests, Additional charge, Regional Office (EZ), 194, Karvel Nagar, Bhubaneshwar-751001.
5. Guard file./Record file/Monitoring file.

(Dr. P. L. Ahujarai)
Director