

पर्यावरण भवन, सी. जी. प्रो. कॉम्प्लेक्स,
PARYAVARAN BHAWAN, C.G.O. COMPLEX,
लोदी रोड, नई दिल्ली-110003
LODI ROAD, NEW DELHI-110003

No.J-11011/34/88-IA

16th March, 1989.

OFFICE MEMORANDUM

Subject:- Environmental clearance of Lube Oil Block at Haldia.

Reference is invited to the above subject. The environmental aspect has been examined by this Ministry and clearance is accorded subject to the following conditions:-

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- (i) The project proponent must strictly adhere to the stipulations made by West Bengal Pollution Control Board.
- (ii) The project authority will explore the possibility of either increasing the stack height or sulphur recovery or desulphurisation of flue gases or use of LSHS to achieve total amount emission of SO_2 at 1.5 tonnes/hour. The quarterly report of the progress in this regard should be submitted to this Ministry till the installation of the unit. Efforts being made to obtain the necessary approvals should be clearly indicated.
- (iii) Air quality monitoring net work design should be made on the basis of model exercise and submitted to this Department within three months for review. A minimum of three air quality monitoring stations should be set up.
- (iv) All the stacks should be provided with continuous stack monitoring facilities. The data should be furnished quarterly to State Pollution Control Board and half yearly to this Ministry.
- (v) The project authority should prepare a plan for implementation of disposal of solid waste generated during various process operations or in the treatment plant provided. They should ensure that no leaching of pollutants like sulphides take place from the solid wastes. The plan for disposal and management of solid wastes should be submitted to the competent authority for scrutiny and approval within six months.
- (vi) No change in design of stacks should be made without the prior approval of State Pollution Control Board. Alternate pollution control system and/or proper design (steam injection system) of the stack should be made to minimise hydrocarbon emission due to failure in the flare system in the plant.
- (vii) Additional area under the control of the project which is not being used for the plant utilities should be afforested and funds for this purpose should be suitably provided.

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(viii) Tree plantation programme in the plant premises and in the periphery of the plant should be undertaken in consultation with State Forest Department. Plant species which are sensitive as well as resistant to sulphur-dioxide emissions should be chosen for plantation purposes.

(ix) The project authority must set up laboratory facilities in the existing premises for testing air emissions and water quality.

(x) The clearance of Chief Inspector of Explosive must be taken before starting construction of the proposed plant and a copy of consent letter should be made available to this Ministry.

(xi) The project authority will establish five water quality monitoring stations in consultation with State Pollution Control Board to monitor the quality stream water and to study the impact treated effluent discharge and will submit its report quarterly to State Pollution Control Board and half yearly to this Ministry. Ground water quality also should be monitored.

(xii) The project authority will explore the possibility of water recycling to the maximum possible extent. A plan in this regard should be prepared within the next one year and furnished to this Ministry.

(xiii) The liquid effluent coming out of the plant premises should strictly conform to MINAS.

(xiv) The project authority will submit a disaster management plan duly approved by the nodal agency.

(xv) A separate environmental management cell with suitably qualified people to carry out various functions related to environmental management should be set up under the control of a Senior Technical personnel which will report direct to the head of the organisation.

(xvi) The fund provision of Rs. 10 crores which has been made should be utilised for implementation of all the conditions stipulated herein and the budget so provided will not be diverted for any other purpose. The conditions stipulated above needs additional funds it should be so provided either from non-recurring or recurring budget of the unit.

2. The Ministry of Environment and forests or any other competent authority may stipulate any further conditions after reviewing the implementation report or any other reports prepared by the State-authorities as stipulated above.

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3. The above conditions will be enforced, inter-alia, under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986.

4. The clearance will automatically lapse if the stipulations are not implemented within the stipulated time-frame.

M. Parabrahman

(M. Parabrahman)
Director-IA

Secretary,
Department of Petroleum & Natural Gas,
Shastri Bhawan,
New Delhi-110 001.

Copy to:-

- 1- Chairman, Indian Oil Corporation Limited, Scope Complex, Core-2, 7, Institutional Area, Lodi Road, New Delhi.
- 2- Chairman, Central Pollution Control Board, 60- Skylark Building, Nehru Place, New Delhi-110 019.
- 3- ~~Chief Conservator of Forests (Central), Eastern Regional Office, E-1/187, Arera Colony, Bhopal.~~
- 4- Chairman, State Pollution Control Board, Industry House- (2nd Floor), 10- Camec Street, Calcutta-700 017.
- ✓ 5. Mr. B.S. Parsheera. Director. M.E.P. (for Regional office)

M. Parabrahman

(M. Parabrahman)
Director-IA

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17/3/89