



BIHAR STATE POLLUTION CONTROL BOARD
PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,
PATLIPUTRA, Patna - 800 010

Ref. No.- PT-1688/88(Part File)

Patna, dated-

'CONSENT-TO-ESTABLISH' (NOC)

UNDER SECTIONS 25/26 OF THE WATER (PREVENATION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981

REFERENCE:

- (i) Name and address of the Proponent: Sri Chandra Mohan, Executive President, M/s Magrahat Sugar and Energy Ltd. (Distillery Division, unit-New Swadeshi Sugar Mills), At & P.O. Narkatiaganj, Dist-West Champaran (Bihar)-845455; and
- (ii) Online Application No. ER538N016223/3956814 dated 20.09.2020 submitted for expansion project of existing distillery unit M/s New Swadeshi Sugar Mills (Distillery Division), At & P.O. Narkatiaganj, Dist-West Champaran. The expansion project comprises setting up of molasses based distillery from 60 KLPD (Ethanol) to 80 KLPD.

AFTER CONSIDERING:

- (i) The facts stated in their application;
- (ii) Bihar State Pollution Control Board's Notification No. 26 dated 08.11.2003;
- (iii) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981; and
- (iv) Related document-EC dated 17.09.2020 for capacity expansion issued by SEIAA, Bihar, Patna, granted earlier dated 24.12.2018 by the Board & copy submitted by the applicant.

NOC IN FAVOUR OF THE PROPONENT AT THE SAID SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS:

- (i) That, the proponent shall obtain 'Consent-to-Operate' under section 25 & 26 of The Water Act, 1974 and Section 21 of The Air Act, 1981 prior to commissioning of the industrial plant (expansion project) from Bihar State Pollution Control Board;
- (ii) That, they shall comply with provisions (whichever applicable) of The Water Act, 1974, The Air Act, 1981, The Environment (Protection) Act, 1986, Rules and notifications issued there under;
- (iii) That, the effluent (Domestic or Trade) and emission shall conform to the standard prescribed under The Rules;
- (iv) All other mandatory approvals and permissions from competent authority shall be obtained;
- (v) That, they shall comply with the conditions of EC as special conditions and general conditions and compliance/progress report shall be submitted to the Board;
- (vi) That, prior permission shall be obtained from CGWA/SGWA for withdrawal of the ground water;
- (vii) That, spent wash generation from molasses based operation shall be treated in Anaerobic Reactor, Bio-methanation followed by MEE (Multi Effect Evaporator) and then semisolid waste from MEE will be sent to lagoon for Bio-composting. Condensate will be treated through CPE and will be used as water in fermentation process & as make-up cooling water.
- (viii) That, pucca/RCC and duly lined with HDPE impervious lagoon of capacity for 30 days MEE concentrate generation, will be provided to store them;

- (ix) That, process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond;
- (x) That, no effluent from distillery/unit shall be discharged outside the plant premises and **Zero Liquid Discharge shall be adopted**. Water consumption shall be reduced by adopting 3 R's (reduce, reuse and recycle) concept in the process;
- (xi) The company shall adopt rainwater harvesting measures to recharge the ground water;
- (xii) That, continuous online (24x7) monitoring system to be installed for flow measurement and measurement of pollutants within the treatment unit as well as for emission also. Data to be uploaded on company's website and provided to the CPCB/SPCB website;
- (xiii) Boiler ash from ethanol plant shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Proper ash management plan shall be submitted to the Board for its end use;
- (xiv) That, bagasse storage shall be done in such a way that it does not get air borne or fly around due to wind;
- (xv) That, Benzene vapour recovery system at adequate place shall be installed;
- (xvi) That, diesel generator sets, if any, shall have acoustic enclosures and should conform to the Environment (Protection) Rules, 1986 prescribed for air and noise emission standards and the height of the stack of the D.G. Set should be as per norms of CPCB;
- (xvii) The proponent shall have to take all possible measures to control water & air pollution, so that nearby habitation/school should not be affected directly or indirectly; and
- (xviii) That, tree plantation in perimeter of the campus shall be done and maintained to develop as green belt.

NOTE:

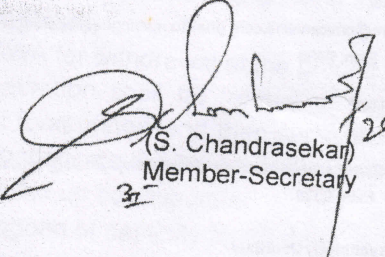
- 1 Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment in general and for Pollution Control in particular;
- 2 The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed project but shall be subject to compliance of all the conditions indicated above; and
- 3 The NOC, granted, shall be valid for a period of one year from the date of issue.
Issued under the instructions of the Competent Authority.

Sd/-
(S. Chandrasekar)
Member-Secretary

Memo No.:- 4434

Patna, dated:- 29/10/2020

Copy forwarded to Sri Chandra Mohan, Executive President, M/s Magadh Sugar and Energy Ltd. Distillery Division, unit-New Swadeshi Sugar Mills), At & P.O.-Narkatiaganj, Dist-West Champaran (Bihar)-845455/Regional Officer, BSPCB, Muzaffarpur for favour of information and necessary action.


(S. Chandrasekar)
Member-Secretary
29/10/20