



BIHAR STATE POLLUTION CONTROL BOARD

PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,

PATLIPUTRA, Patna - 800 010

Ref. No.- M/T-3/2018/447

Patna, dated-

'CONSENT-TO-ESTABLISH' (NOC)

UNDER SECTIONS 25/26 OF THE WATER (PREVENTION 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 Ramashankar Prasad, Director, M/s Sona Sali Organics Pvt. Ltd, At-Rajapatti Kothi & P.O.-Baikunthpur, Dist-Gopalganj (Bihar)-841420; and
- (ii) Online Application No. ER213N011289/2022357 dated 10.01.2019 submitted for expansion project of existing distillery unit M/s Sona Sali Organics Pvt. Ltd, At-Rajapatti Kothi & P.O.-Baikunthpur, Dist-Gopalganj (Bihar). The expansion project comprises expansion of molasses based distillery (Ethanol) from 45 to 75 KLPD and setting up 125 KLPD grain based distillery (Ethanol) as well as capacity expansion of existing Co-generation Power Plant from 1.0 MW to 5.0 MW.

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 along with EC issued by the Ministry of Environment, Forest and Climate Change, Govt. of India vide ref No. F. No.J-11011/25/2007-IA II(A) dated 16th January, 2019 and undertaking dated 29.08.2018 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 they shall comply with provisions (whichever applicable) of the Hazardous and Other Waste (Management and Trans-Boundary Movement) Rules, 2016, rules and guidelines under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, the Solid Waste Management Rules, 2016 and the Public Liability Insurance Rules, 1991;

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- (iv) That, 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 shall conform to the standards prescribed under the Environment(Protection) Act, 1986, 1989 viz 75 dBA (day time) and 70 dBA (night time);
- (v) That, the effluent (Domestic or Trade) and emission shall conform to the standard prescribed under The Rules;
- (vi) All other mandatory approvals and permissions from competent authority shall be obtained;
- (vii) 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;
- (viii) That, fresh prior permission shall be obtained from CGWA/SGWA for withdrawal of the ground water as recommended in EC;
- (ix) That, effluent of 1334 cum/day (688 cum/day from molasses based operation and 646 cum/day from grain based operation) estimated to be generated after the proposed expansion, will be treated through CPU with two stage RO System and MEE, and recycled/re-used in the plant. There will be no discharge of treated/untreated waste water from the unit and thus will conform to Zero Liquid Discharge;
- (x) That, pucca/RCC and duly lined with HDPE impervious lagoon of 7 days capacity will be provided to store spent wash;
- (xi) That, process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond;
- (xii) 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;
- (xiii) The company shall adopt rainwater harvesting measures to recharge the ground water;
- (xiv) That, continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration and data to be transmitted to the CPCB/SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises;
- (xv) That, existing unit has one concentrated spent wash/rice husk fired boiler of 22 TPH capacity. To cater to the proposed expansion, one more boiler (rice husk/bagasse/coal/blended fuel fired) of 36 TPH shall be installed with electrostatic precipitator (ESP) and stack of 51m or prescribed as per CPCB guideline to control emission of particulate matter within the statutory limit of 50 mg/Nm³ shall be provided;
- (xvi) That, boiler's bottom ash generated 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;
- (xvii) That, rice husk/bagasse/coal storage shall be done in such a way that it does not get air borne or fly around due to wind;
- (xviii) That, benzene vapour recovery system at adequate place shall be installed;

- (xix) 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;
- (xx) The proponent shall have to take all possible measures to control water & air pollution, so that nearby habitation/school/water course should not be affected directly or indirectly;
- (xxi) That, they shall undertake waste minimization measures as suggested in EC issued by the competent authority;
- (xxii) That, the unit shall make adequate arrangement for fire protection of possible fire hazards during manufacturing process in material handling/ storage of final product. Fire fighting system shall be as per norms. That, the unit shall aware local people with kids of school about possible hazards concern due to unit and educate them about basic precautions to be taken in case of any hazard. They shall display hoardings in local language (Hindi) regarding hazard/its remedies for users as well as distribute pamphlets in this regard;
- (xxiii) That, CO₂ generated from the process shall be bottled/made solid ice and sold to authorized vendors; and
- (xxiv) That, tree plantation in perimeter of the campus shall be done and maintained to develop as green belt.

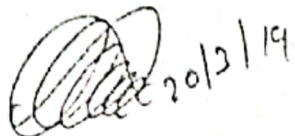
NOTE:

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;
3. The NOC, granted, shall be valid for a period of one year from the date of issue; and
4. Issued under the instructions of the Competent Authority.

Sd/-
(Alok Kumar)
Member-Secretary

Memo No.:- 403.

Patna, dated:- 20.3.19
Copy forwarded to Sri Ramashankar Prasad, Director, M/s Sona Sati Organics Pvt. Ltd, At- Rajapalli Kothi & P.O.-Baikunthpur, Dist-Gopalganj (Bihar)-841420/Regional Officer, BSPCB, Muzaffarpur for favour of information and necessary action.


(Alok Kumar)
Member-Secretary