

केन्द्रीय प्रदूषण नियंत्रण बोर्ड

CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

SPEED POST

190197/NGRBA (RG)/CPCB/Sugar/61/2016-17

December 07th, 2018
12

To,

M/s Riga Sugar Co. Limited,
Dhanuka Gram, Riga,
Sitamarhi, Bihar-843327

DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986.

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, the Ministry of Environment, Forests & Climate Change, Govt. of India, vide notification S.O.157(E) of 27.02.1996 has delegated powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any industry, Municipal Corporation, Municipal Council, Cantonment Board to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986; and

WHEREAS, it is obligatory on the part of industries to install effluent treatment plants (ETPs) to comply with the effluent discharge standards as notified under the Environment (Protection) Act, 1986 and the Rules framed there under and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, M/s Riga Sugar Co. Limited, Dhanuka Gram, Riga, Sitamarhi, Bihar hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

WHEREAS, CPCB issued direction dated 29.06.2017 under section 5 of Environment (Protection) Act, 1986 to the Unit; and

WHEREAS, CPCB received adequacy assessment report vide letter dt.29.09.2017 from the Unit prepared by VSI, Pune; and

WHEREAS, CPCB issued direction dated 27.11.2017 under section 5 of Environment (Protection) Act, 1986 to the Unit; and

(Contd..2/-)

परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032
M/s Riga Sugar Co. Limited, Dhanuka Gram, Riga, Sitamarhi, Bihar
Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

WHEREAS, the Unit has submitted implementation status of recommendations of the adequacy report vide letter dated 14.12.2017; and

WHEREAS, the Unit was inspected on 06.03.2018 by officials from CPCB, Delhi and following observations were made;

1. During inspection, ETP samples were collected from aeration tank and outlet of ETP to assess the performance of ETP. Analysis of ETP outlet effluent sample showed pH 7.4 as against norms of 5.5-9.0, BOD- 22 mg/l against norms of 30 mg/l, COD 82mg/l against norms of 250 mg/l, except TSS- **41mg/l** (against norms 30mg/L). However, MLSS in aeration tank is **490 mg/L** which indicates poor operation and performance of ETP and possibility of dilution of ETP system.
2. OCEMS installed and connected to CPCB/ SPCB servers, whereas periodic calibration of sensor was not done.
3. The settling tank provided for primary and secondary treatment was not in proper condition. The hydraulic overflow levels were not properly maintained in secondary clarifier.
4. The Unit has not submitted irrigation management plan validated by expert institutions.

AND WHEREAS, CPCB has issued show cause notice dt.18.05.2018 under Section 5 of the Environment (Protection) Act, 1986 to the unit as the unit failed to meet the effluent discharge norms; and

WHEREAS, the Unit has not submitted the revalidated ETP adequacy assessment reports and

WHEREAS, CPCB through an Expert Committee comprising of experts from National Sugar Institute (NSI), Kanpur, Vasantdada Sugar Institute (VSI), IITs and representatives from sugar mills prepared a Charter for Water Recycling and Pollution Prevention (thereafter referred to as the Charter); and

WHEREAS, a meeting of sugar mills operating in Bihar, representatives of BSPCB and CPCB was held on 10.08.2018 under the Chairmanship of Chairman, Bihar State Pollution Control Board, the following decisions are made;

1. Sugar Mills shall submit an action plan to CPCB by 20.08.2018 regarding the steps taken by them pertaining to the notices issued to them. Also they shall submit action plan to implement recommendations of their adequacy assessment report.
2. All sugar mills shall ensure implementation of Charter and shall submit action plan to CPCB by 20.08.2018.
3. All sugar mills shall ensure the upgradation of their ETP within August, 2018 so as to ensure no interruption in functioning of the ETP in the following seasons.
4. All sugar mills shall maintain a logbook on ETP operations on a daily basis.

(Contd..3/4)

5. ETP shall be operational at all times and all bypass arrangements should be dismantled with immediate effect.
6. MLSS in aeration tanks should be maintained at 2000-2500 mg/l.
7. All sugar units shall set up environmental laboratories for regular analysis of raw and treated effluent thereby ensuring proper functioning of the ETP.
8. All sugar mills shall employ dedicated technicians for operating and regular maintenance of ETP and shall also ensure that the technicians are given proper training on ETP maintenance and lab analysis on regular basis.
9. To ensure proper training of the environmental technicians all sugar mills shall facilitate training of 5 employees.
10. All sugar mills may establish an Environment Management Cell at their level consisting of concerned officials in order to ensure compliance with environmental standards at industry level itself.

AND WHEREAS, the unit vide letter dated 18.08.2018 submitted their compliance status of the Charter, and

NOW, THEREFORE, in view of the above observation, and exercising powers delegated to the Chairman, Central Pollution Control Board under section 5 of the Environment (Protection) Act, 1986, the unit (M/s Riga Sugar Co. Limited, Dhanuka Gram, Riga, Sitamarhi, Bihar) is directed to comply with the following directions before commencement of crushing season 2018-2019;

1. The unit shall implement the observation & recommendation of the revalidated adequacy assessment of ETP.
2. The unit shall install sealed flow meter along with running hours meter on bore wells so as to ascertain usage of fresh water for various uses.
3. The unit shall install flow meters at major areas of cold and hot water consumption.
4. The unit shall install flow meters for measuring generation of effluent from various prominent areas.
5. The unit shall maintain logbook for individual process unit for recording daily water consumption and effluent generation also.
6. The unit shall carry out colour coding of pipelines carrying recycled process water and fresh process.
7. The Unit shall commission mechanical sludge handling system of adequate capacity.
8. The unit shall carry out analysis of effluent discharge parameters notified under Environment (Protection) Rules, 1986 and logbook shall be maintained on daily basis.
9. The unit shall submit the implementation status of the Charter in the form of Affidavit and documentary proof of the completion of the work as committed in the action plan.
10. The unit shall submit implementation status of the Charter and performance adequacy audit of ETP including actual assessment of water consumption and effluent generation duly validated by reputed government expert institute namely NSI Kanpur, VSI Pune, IITs during crushing season & submit the report to CPCB within 45 days of resumption of operation.

(Contd..4/-)

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In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit (M/s Riga Sugar Co. Limited, Dhanuka Gram, Riga Sitamarhi, Bihar) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.



(S. P. Singh Parihar)
CHAIRMAN
11.12.18

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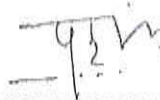
1. **Principal Secretary**
Sugarcane Industries, Govt. of Bihar, Department
of Sugarcane Development Vikas Bhawan, New
Secretariat, Patna-800015
2. **Member Secretary**
Bihar Pollution Control Board, Parivesh Bhawan,
Plot No. Ns-B/2 Patliputra Industrial Area,
Patliputra, Patna (Bihar) – 800023
3. **Joint Secretary (CP Division)**
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003
4. **Regional Director**
Regional Directorate, Central Pollution Control
Board, Southern Conclave, Block-502, 5th & 6th
Floor, 1582 Rajdanga Main Road, Kolkata-
700107 (W.B.)
- ✓ 5. In-charge, IT Division, CPCB
6. Master file/Guard file, WQM II, CPCB Delhi

With request to ensure compliance
of the directions

: With request to ensure compliance
of the directions.

: For kind information, please.

: For follow up and ensuring
compliance



(PRASHANT GARGAVA)
MEMBER SECRETARY