

Speed Post

B-190198/WQM-II(RG)/CPCB/Sugar/51/2016-17 2306

30.05.2019
06.06

To,

**M/s Modi Industries Ltd.,
Modinagar, Ghaziabad,
U.P.-201204**

**DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986-
NOTICE THEREOF**

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, 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 thereunder and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, M/s Modi Industries Ltd., Modinagar, Ghaziabad, Uttar Pradesh (hereinafter referred as 'the Unit') is involved in process of sugar manufacturing from crushing of cane; and

WHEREAS, the Unit was inspected on 22.01.2018 by officials from CPCB and found non complying w.r.t the stipulated effluent discharge norms; and

WHEREAS, CPCB has issued show cause notice dt.19.03.2018 under Section 5 of the Environment (Protection) Act, 1986 to the Unit; and

WHEREAS, the Unit has replied to the show cause notice dated 19.03.2018 vide letter dated 05.04.2018 along with the revalidated adequacy assessment reports and irrigation management plan prepared by VSI, Pune; and

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 Uttar Pradesh, representatives of UPPCB and CPCB was held on 06.07.2018 under Chairmanship of Principal Secretary, Sugar Industries and Sugarcane Development, Government of Uttar Pradesh and the following decisions are made;

1. Sugar Mills shall submit an action plan to CPCB by 20.07.2018 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.
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 has not submitted their compliance status of the Charter; and

WHEREAS, CPCB issued direction dt. 18.12.2018 under section 5 of the Environment (Protection) Act, 1986 to the unit 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 the documentary proof of the completion of the work as committed in action plan.

10. The unit shall submit action plan, 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 60 days of resumption of operation.

WHEREAS, the Unit was inspected on 25.03.2019 by team of officials from CPCB and following observations are made:

1. Implementation status of the recommendation of adequacy report has not been provided by the unit.
2. Implementation status of the charter has not been provided by the unit.
3. The unit has installed separate flow meters at 8 different locations.
4. Flow meter reading 10.92 m³/hr & 13.20 m³/hr were observed for effluent pumping to ETP, from a common pit which contains mixed combined effluent from spray pond & other within the mill.
5. Analysis of treated effluent from outlet shows pH 7.2 against norms 5.5-8.5, BOD-61 mg/L against norms 100 mg/L, **COD-271 mg/L** against norms 250 mg/L, TDS-1096 mg/L against norms 2100 mg/L and **TSS-116 mg/L** against norms 100 mg/L which indicates non-compliance w.r.t. COD and TSS against effluent discharge norms on land prescribed under Environment (Protection) Rules,1986.
6. Analysis of treated effluent from lagoon shows pH 7.4 against norms 5.5-8.5, BOD-24 mg/L against norms 100 mg/L, COD-110 mg/L against norms 250 mg/L, TDS-1148 mg/L against norms 2100 mg/L and TSS-84 mg/L against norms 100 mg/L which indicates compliance against effluent discharge norms on land prescribed under Environment (Protection) Rules,1986.
7. Lagoon storage pond contains treated effluent is complying w.r.t. norms.
8. Housekeeping was poor.

It is evident that partially treated effluent is being discharged by the Unit, posing potential threat to surface water quality.

NOW, THEREFORE, in view of the above observations and in exercise of the powers, delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, notice is hereby served to the Unit (M/s Modi Industries Ltd., Modinagar, Ghaziabad, Uttar Pradesh) to **Show cause, why the Unit should not be closed** down until all the necessary pollution control measure are planned and implemented so as to comply with the prescribed effluent discharge standards notified under Environment (Protection) Act, 1986 to satisfaction of CPCB.

You are hereby given an opportunity to file your objections (if any) to the above proposed direction within 15 days from the date of receipt of this notice, failing which appropriate action will be taken against the Unit without giving any further notice as, in accordance with provision of the Environment (Protection) Act, 1986.



(S.P. SINGH PARIHAR)
CHAIRMAN

03.06.2019
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Copy to:

1. Principal Secretary

Sugar Industry and Cane Development
Department, "G" Block 2/3, Mantri Wing 4th
Floor Bapu Bhawan Vidhan Sabha Marg
Lucknow - 226 001

: With request to ensure compliance
of the directions.

2. Member Secretary

Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuthi Khand,
Gomti Nagar, Lucknow – 226 010

: For kind information, please.

3. Joint Secretary (CP Division)

Ministry of Environment, Forest & CC
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003

: For kind information, please.

4. Regional Directorate

Regional Director
Central Pollution Control Board, PICUP Bhawan,
Ground Floor, Vibhuthi Khand, Gomti Nagar,
Lucknow – 226 010

: For follow up and ensuring
compliance.

✓ 5. In-charge, IT Division, CPCB

6. Master file/Guard file WQM II, CPCB Delhi

(PRASHANT GARGAVA)
MEMBER SECRETARY