

Speed Post

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

14.08.2019
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To,

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

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

WHEREAS, the Unit 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

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

WHEREAS, the unit has not submitted their compliance status of the Charter; and

WHEREAS, CPCB issued direction dt. 24.12.2018 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.

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

1. Status of implementation based on the recommendation of adequacy report has not been provided by the unit.
2. Status of implementation 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 ETP outlet showed 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 showed 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. Housekeeping was poor.

AND WHEREAS, CPCB issued show cause notice dt. 06.06.2019 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's reply vide letter dated 19.06.2019 was examined; and

It is evident that the unit has provided specific reason for non-compliance and also time bound action plan to ensure compliance including upgradation of ETP.

AND NOW, THEREFORE, in view of above observations and in exercise of powers delegated to Chairman CPCB under Section 5 of the Environment (Protection) Act, 1986, the unit (M/s Modi Industries Ltd., Modinagar, Ghaziabad, Uttar Pradesh) is directed to comply with the following directions:

1. The unit shall comply with CPCB directions dt. 24.12.2018 and provide compliance report within 60 days.
2. The unit shall submit treated effluent analysis report from environmental laboratory recognized under Environment (Protection) Rules, 1986 within 15 days from resumption of operation in next crushing season 2019-20.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit (M/s Modi Industries Ltd., Modinagar, Ghaziabad, Uttar Pradesh) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.


201-019
(S.P. SINGH PARIHAR)
CHAIRMAN

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

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

3. Joint Secretary (CP Division)
Ministry of Environment, Forest & CC
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003

: With request to ensure compliance of the directions.

: For kind information, please.

: For kind information, please.

4. Regional Directorate

Regional Director

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

✓ 5. In-charge, IT Division, CPCB

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

: For follow up and ensuring compliance.


(PRASHANT GARGAVA)
MEMBER SECRETARY