

Speed Post

B-190198/WQM-II(RG)/CPCB/Sugar/63/2016-17

October 10th, 2018

To,

M/s Rudrabilas Kisan Sahkari Chini Mills Ltd.,
Bilaspur, Rampur,
U.P., 244923

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 Rudrabilas Kisan Sahkari Chini Mills Ltd., Bilaspur, Rampur (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

WHEREAS, CPCB issued direction dated 06.06.2017 under section 5 of Environment (Protection) Act, 1986 to the Unit for carrying out ETP adequacy assessment by reputed institutions; and

WHEREAS, CPCB received adequacy assessment report vide letter dt. 23.09.2017 from the unit prepared by VSI, Pune; and

WHEREAS, CPCB issued directions dated 10.11.2017 under section 5 of Environment (Protection) Act, 1986 to the Unit; and

WHEREAS, the Unit was inspected on 08.03.2018 by officials from CPCB, Delhi and following observations were made;

1. The Unit and ETP were operational.
2. The Unit has applied for valid consent under Water (Prevention and Control of Pollution) Act, 1974 & Air (Prevention and Control of Pollution) Act, 1981.
3. The Unit has applied for NOC from CGWA (Central Ground Water Authority) for extraction of ground water.
4. Effluent Treatment Plant (ETP) comprised of Bar screen, Oil Grease skimmer, Equalisation Tank, Primary Clarifier, Aeration Tank, Secondary Clarifier & Tertiary treatment (Filtration units). However, Oil Skimmer was not working properly.

5. Analysis of treated effluent sample shows pH-8 as against norms of 5.5-9.0, BOD-13 mg/l against norms of 30 mg/l, COD-58 mg/l against norms of 250 mg/l and TDS- 440 mg/l against norms of 2100 mg/l. However, MLSS in aeration tank was 826 mg/l.
6. MLSS in aeration tank was **826 mg/l** which indicates unstabilised Activated Sludge Process system due to poor operation and maintenance of ETP system and possibility of dilution of ETP system.
7. The Unit does not have provision for treatment of spray pond overflow.
8. Effluent was overflowing from storage tank of secondary clarifier.
9. Proper logbook is required to maintain by the Unit for water consumption and waste water generation.
10. High variation was observed between fresh water consumption (1077 litre/tonne) and waste water generation (216 litre/tonne).
11. Flowmeters were not installed at process of the unit.
12. The Unit has not submitted the irrigation management plan.
13. The Unit has not submitted analysis report through E(P)A recognised laboratory.
14. The Unit has not submitted revalidated ETP adequacy assessment report within 45 days from the date of resumption of operation to CPCB.

AND WHEREAS, CPCB issued Show Cause Notice under Section 5 of Environment (Protection) Act, 1986 dated 07. 05. 2018 to the unit; and

WHEREAS, the unit reply dated 29.05.2018 was examined and following observations are made:

- 1) The oil schimmer has been repaired and is working properly.
- 2) The analysis report from Environmental laboratory and the revalidated adequacy report are submitted.

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 (hereafter 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 vide letter dated 19.07.2018 submitted their compliance status of the Charter, which was examined and following observations were made:

1. The unit is in the process of installing necessary flow meters at requisite points as prescribed under the Charter and has assured completion of the same by 31.10.2018.
2. The unit has submitted action plan/ compliance report on upgradation of ETP.
3. The unit is under process for establishing environmental laboratory.
4. The unit shall install Online Emission Monitoring System by October, 2018.
5. The unit has submitted compliance report on BMT for Water Recycling and Pollution Prevention.

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 Rudrabilas Kisan Sahkari Chini Mills Ltd., Bilaspur, Rampur) 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 water.
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 log book 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 the action.
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 expert institute namely NSI Kanpur, VSI Pune, IITs during crushing season & submit the report to CPCB within 60 days of resumption of operation.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the unit without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.


(S.P.S. Parihar)
CHAIRMAN

Copy to:

1. Chairperson
Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuthi Khand,
Gomti Nagar, Lucknow – 226 010
2. Joint Secretary (CP Division)
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003
3. Regional Director
Regional Directorate
Central Pollution Control Board, PICUP Bhawan,
Ground Floor, Vibhuthi Khand, Gomti Nagar,
Lucknow – 226 010
- ✓ 4. In-charge, IT Division, CPCB
5. Master file/Guard file, WQM II, CPCB Delhi

With request to ensure compliance of the directions.

For kind information, please.


(Prashant Gargava)
MEMBER SECRETARY