

Speed Post

B-190198/WQM-II (RG)/CPCB/Sugar/27/2017-18 16858

Feb 02, 2018
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To,

**M/s Indian Potash Ltd.,
Sakauti Tanda,
Muzaffarnagar road,
Meerut, U.P.-250223**

**DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986-
CLOSURE 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 Indian Potash Ltd., Sakauti Tanda, Muzaffarnagar Road, Meerut, U.P. (herein after referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

(Contd..2/-)

WHEREAS, the Unit submitted adequacy assessment report vide letter dt. 11.10.2017 prepared by VSI where the following recommendation have been made;

1. The Unit should install the flow meter at various units operations e.g. sugar mill, wet scrubber, boiler make up, vacuum filter, lime preparation, movement water at pans, super heater at batch type centrifugal, spray pond overflow & line of equalization tank.
2. The Unit should maintain the good sanitation conditions at mill.
3. The Unit should install the two-stage fan less cooling towers to cool excess condensate and use it as raw water.
4. The Unit should install of cooling tower for machinery cooling water.
5. The Unit should use the wastewater from boiler feed pump cooling & blow down to wet scrubber.
6. The Unit should use the soda boiling water.
7. The Unit should use the hydro-jet technology for cleaning of tubular heat exchangers

AND WHEREAS, the Unit has submitted the implementation of action plan vide letter dt.11.10.2017 with the following implementation:

1. The Unit has fixed the aerator fan in the aeration tank.
2. The Unit has cleaned the Oil & Grease tank, Equalization tank, anaerobic tank, Clarifier, Sand and Carbon filter & sludge drying beds.
3. The Unit has treated the spray pond overflow water with ETP inlet water.
4. The Unit has already installed the tertiary treatment system.
5. The Unit are going to install the two-stage fan less cooling tower before start the crushing season.
6. The Unit has constructed a lagoon of storage capacity up to 15 days of effluent generation.

WHEREAS, the Unit was inspected on 04.01.2018 by the officials of CPCB and following observations were made; and

1. The Unit was operational at the time of inspection.
2. The Unit is having two outlets.
3. The untreated spray pond overflow is stored in lagoon.
4. The Unit is not maintaining the proper piping network for storing the effluent.
5. The untreated effluent from storage lagoon discharge on land.
6. Analysis of untreated effluent being bypassed shows BOD-175mg/l (against norms of 30mg/l), TSS-53mg/l (against norms of 30mg/l) which indicates non-compliance with the prescribed effluent discharge norms under Environment (Protection) Act,1986.

It is evident that the Unit is not providing requisite treatment to the spray pond overflow untreated effluent is being discharge on land, posing potential threat to surface water/ground water quality.

(Contd..3/-)

AND WHEREAS, the unit is required to implement following measure besides other necessary pollution causing measure:

1. The Unit shall immediately dismantle & remove all bypass arrangements
2. To submit action plan within 15 days to implement the recommendations (including the general observation) of the adequacy report within 45 days.
3. To install & Commission ETP system up to tertiary treatment level including adequate treatment system for spray pond overflow effluent in case of double sulphitation process (Brine recovery system to be installed in case of sugar refinery having Ion Exchange Process for sugar melt de-colorization).
4. To install & Commission Condensate Polishing Unit (CPU) within 45 days for treatment of condensate water to ensure its reuse & recycle within the process if Unit is having high pressure boiler (>45 Kg/cm²).
5. To restrict the effluent storage capacity to 15 days.
6. To utilise treated effluent meeting the prescribed norms for irrigation as per the irrigation management plan validated by expert institutions namely, NSI, Kanpur/ VSI, Pune/ Agricultural Institutions.
7. To verify the implementation status of the recommendation of adequacy report including ETP performance assessment & effluent generation assessment done by the same institute which carried out adequacy assessment and submit the report to CPCB within 45 days from date of resumption of manufacturing operations.
8. The analysis result of the treated effluent shall also be submitted within 45 days through EPA recognised laboratories.

AND NOW, THEREFORE, in view of above observations and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, the unit (M/s Indian Potash Ltd., Sakauti Tanda, Muzaffarnagar road, Meerut, U.P) is directed to **close down its manufacturing operations immediately** till compliance of the following directions;

1. The Unit is directed to close down its Sugar manufacturing operations with immediate effect and shall not resume its operations.
2. The Unit shall dismantle the bypass arrangement and stop untreated effluent discharge immediately.
3. The unit shall install & Commission ETP system upto tertiary treatment level including adequate treatment system for spray pond overflow effluent in case of double sulphitation process (Brine recovery system to be installed in case of sugar refinery having Ion Exchange Process for sugar melt de-colorization).
4. The unit shall restrict the effluent storage capacity to 15 days.
5. The unit shall also comply with new standards notified G.S.R. 35 (E), MoEF&CC, January 12, 2016 for effluent disposal, waste water conservation and pollution control management.

(Contd..4/-)

6. The unit shall inform to CPCB about the Closure of operation immediately.
7. The Unit shall utilise treated effluent meeting the prescribed norms for irrigation as per the irrigation management plan validated by expert institutions namely, NSI, Kanpur/ VSI, Pune/ Agricultural Institutions.
8. The unit shall seek permission from CPCB before resumption of manufacturing operations.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit (M/s Indian Potash Ltd., Sakauti Tanda, Muzaffarnagar road, Meerut, U.P.) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.

(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to:

1. The Chairman

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

: With request to ensure compliance of the directions.

2. The District Magistrate

Meerut-250223, Uttar Pradesh

: With request to ensure closure of the unit in compliance of the directions

3. The Incharge (CP Division)

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

: For kind information, please.

4. The Superintending Engineer

Paschimanchal Vidyut Vitran Nigam Limited
Meerut, U.P

: With a direction to disconnect power supply

5. The Regional Director

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

: For follow up and ensuring compliance

6. The In-charge, IT Division, CPCB

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



(A SUDHAKAR)
MEMBER SECRETARY