



Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/13/2016-17

September 11th, 2019
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To,
M/s Modi Distillery,
Modi Nagar 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 there under and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, M/s Modi Distillery, Modinagar, Ghaziabad (Distillery Division) U.P. (hereinafter referred as 'the Unit') is involved in the production of extra neutral alcohol and rectified spirit using molasses as raw material; and

WHEREAS, CPCB issued closure direction dated 22.05.2018 under section 5 of Environment (Protection) Act, 1986, to the Unit to comply with the following directions;

1. The Unit shall immediately discontinue the practice of utilising its cooling tower blow down in plantation/irrigation.
2. The Unit shall ensure proper functioning of the condensate polishing Unit (CPU).
3. The Unit shall submit adequacy assessment report of CPU and action plan for use of treated condensate of CPU in process, duly validated by reputed institutions like NSI, VSI and IITs to CPCB and UPPCB within 60 days.
4. The Unit shall install piezometers at requisite position.
5. The Unit shall seek permission of CPCB before restart of manufacturing operations.

WHEREAS, CPCB issued direction dated 24.09.2018 under section 5 of Environment (Protection) Act, 1986, to the Unit for compliance of following;

1. The Unit is allowed to resume manufacturing operation for 60 days only and shall inform to CPCB immediately after resumption of operation.
2. The Unit will submit performance audit report of ZLD within 60 days.
3. The Unit shall submit one-month daily analysis report of CPU for the following parameters indicating quantity of condensate being treated per day, colour, temperature, BOD-mg/l, COD-mg/l Total solids %, Total dissolved solids %, Total suspended solids, Volatile acids & Total alkalinity.
4. The Unit shall close down its manufacturing operations after 60 days and seek permission from CPCB before resumption of operation.

AND WHEREAS, the unit replies vide letters dated 10.12.2018, 20.12.2018, 29.03.2019 and 15.04.2019 were examined.

WHEREAS, the unit submitted the reply dated 17.06.2019 along with the Performance Audit Report of Zero Liquid Discharge validated by Vasantdada Sugar Institute (VSI), Pune which was examined and following observations were made:

1. The Unit has operated the distillery plant from 10.12.2018 to 20.12.2018 and again from 02.04.2019 to 15.04.2019. The Unit has operated intermittently for a total of 24 days. The unit has closed down operation since 15.04.2019.
2. The Unit has intimated CPCB the date of resumption of manufacturing activities and its subsequent stoppage due to technical problems and upgradation work undertaken in the distillery plant through letter and mail.
3. The Unit vide letter dated 17.06.2019 requested for revocation of the CPCB closure direction dated 24.09.2018.
4. The Unit has submitted Performance Audit Report of Zero Liquid Discharge validated by VSI, Pune.
5. The Unit has submitted daily analysis report of CPU for the 24 days of operation. The report indicates satisfactory treatment of condensate in the CPU.

AND WHEREAS, the following observations are made from the Performance Audit Report of Zero Liquid Discharge validated by VSI, Pune:

1. The unit should take efforts to improve the performance of digester as try to achieve COD reduction of at least 60%.
2. The performance of Integrated Multi-Effect bio-methanated Spent wash Evaporation plant (IMESE) was found to be adequate and satisfactory.
3. The COD of evaporation condensate was found to be on higher side. The unit should try to optimize the operation of IMESE plant (Integrated Multi-Effect bio-methanated Spent wash Evaporation plant) so as to reduce the COD of evaporation condensate.
4. The unit can install Ultra Filtration unit after aerobic treatment for further improvement of performance of CPU.
5. The unit shall take proper care of green belt surrounding the bio-compost yard.
6. The existing Effluent Treatment System installed at the unit for treatment and disposal of spent wash is adequate.

AND WHEREAS, CPCB constituted a three member committee vide office order dated 27.09.2017 having representative from CPCB, MoEF & CC and NMCG for examination and recommendation for revocation of the closure direction issued by CPCB; and

WHEREAS, the three member committee in its meeting held on 19.07.2018 and examined the submitted replies of the unit and the Performance Audit Report of Zero Liquid Discharge validated by VSI, Pune and recommended for revocation with the following conditions; based on recommendations made in the Performance Audit Report:

1. The unit should take efforts to improve the performance of digester as try to achieve COD reduction of at least 60%.
2. The COD of evaporation condensate was found to be on higher side. The unit should try to optimize the operation of Integrated Multi-Effect bio-methanated Spent wash Evaporation plant (IMESE) as to reduce the COD of evaporation condensate.
3. For further improvement of performance of CPU the unit can install UF unit after aerobic treatment.
4. It is also advisable to take proper care of green belt surrounding the bio-compost yard.

AND NOW THEREFORE, in view of the above observations and in exercise of powers delegated under Section 5 of the Environment (Protection) Act, 1986, the Unit (M/s Modi Distillery (Distillation Unit) is allowed to resume its manufacturing operations and shall comply with the following;

1. The unit shall take measures to improve the performance of digester to achieve COD reduction of at least 60%.
2. The unit shall optimize the operation of Integrated Multi-Effect bio-methanated Spent wash Evaporation plant (IMESE) to reduce COD of evaporation condensate.
3. The unit can install Ultra Filtration unit after aerobic treatment for further improvement of performance of CPU
4. The unit shall take proper care of green belt surrounding the bio-compost yard.
5. The unit shall restrict its lagoon storage capacity upto 2900 m³ and extra capacity shall be dismantled/filled up/levelled and shall submit an action plan to dismantle/fill up/level the extra lagoon capacity to CPCB within 15 days.

In case of default in compliance with the above directions or any other exigencies, CPCB will be constrained to initiate further stringent action against the Unit (M/s Modi Distillery) in accordance with the provisions of the Environment (Protection) Act, 1986, without any further notice.

14/07/18
(S.P SINGH PARIHAR)
CHAIRMAN

Copy to:

1. **Chairman** : With request to ensure that the unit
Uttar Pradesh Pollution Control Board, complies with the directions.
Building No. TC-12V, Vibhuthi Khand,
Gomti Nagar, Lucknow – 226 010
2. **Joint Secretary (CP Division)** : For kind information, please.
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003

3. **Regional Director** :For follow up and ensuring compliance
Regional Directorate
Central Pollution Control Board
PICUP Bhawan, Ground Floor,
Vibhuti Khand, Gomti Nagar,
Lucknow – 226 010.
4. **District Magistrate,** : For kind information, please.
Ghaziabad, U.P.
5. **Chief Environmental Officer,** : For kind information, please.
Paschimanchal Vidyut Vitran Nigam Ltd,
C-10/8, Sikri Rd, Sikri Khurd, Modinagar, Uttar
Pradesh 201204
- ✓ 6. In-charge, IT Division, CPCB
7. Master file/WQM II, CPCB Delhi


(PRASHANT GARGAVA)
MEMBER SECRETARY