

F.NO. B-23012/1/IPC-III /

By Speed Post

April 26, 2018

To,

M/s Tirupati Starch & Chemicals Ltd,
Main Road of Village-Sejwaya, Ghatabillod,
Dist- Dhar, Madhya Pradesh(M.P.)

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, Forest, & Climate Change, 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 other standards and norms; and

WHEREAS, M/s Tirupati Starch & Chemicals Ltd, Dist- Dhar, MP (*hereafter referred to as 'the Unit'*) has consented capacity for producing 64800 MT/Year (Starch), 1080 MT/Year (Dextrose monohydrate), 4320 MT/year (Dextrose anhydrous) and 7200 MT/Year (Dextrose Syrup); and

WHEREAS, the Unit was inspected by a team of officials from CPCB on 26.02.2018 to verify the compliance status & following observations were made:

1. The Unit manufactures maize starch & Dextrose anhydrous, mono hydrate & syrup. During inspection, the Unit and its ETP were operational.
2. The Unit is not having valid consent under Water & Air Act (expired on 30.09.2017). The Unit has applied for renewal of consent & paid the necessary fee on 18.09.2017.
3. The Unit has not obtained HW Authorization from MPPCB.
4. ETP consist of preliminary treatment, primary treatment, secondary (anaerobic & aerobic) and tertiary treatment. The ETP treated effluent is stored in lagoons and the same is used for farming/irrigation purpose.
5. During the visit, the sludge drying beds were found empty and the entire sludge from the digester & clarifier were spread at the ETP area as well as outside the plant boundary in the agricultural area.
6. The sample collected at the ETP final outlet showed pH-8.19 (*norms-5.5-9.0*), TSS-164 mg/l (*norms-100 mg/l*), BOD-114 mg/l (*norms-30mg/l*); COD-401 mg/l (*norms-250 mg/l*), O&G-3.5 mg/l(*norm-10mg/l*); which indicates non-compliance w.r.t BOD, COD & TSS prescribed consented norms of MPPCB.
7. Stack monitoring of 15 TPH boiler showed Particulate Matter (PM) concentration 175 mg/Nm³ (*against the MPPCB norm of - 50 mg/Nm³*).
8. At the time of visit, the fly-ash were falling from the ESP hopper as conveyor was under repair due to which a lot of fugitive emission occurring, and also a lot of air pollution was observed from the stack attached to the boiler.
9. The Unit has two old boilers (2TPH & 3TPH capacity) which were reported not in operation & plant manager informed that these old boilers were not in use from last 1 year. It was also informed that DG set was not in operation from last 3 years.

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10. Housekeeping was not proper at ash handling area and ETP area.

It is evident from the above observations that the Unit is grossly violating the prescribed consented effluent norms w.r.t BOD, COD & TSS parameter and emission norms w.r.t PM. The Unit is not having valid consent under Water & Air Act (expired on 30.09.2017) and applied for its renewal on 18.09.2017. The Unit has not obtained Authorization under Hazardous & other Waste Rules, 2016. Sludge management & house-keeping was also poor.

AND NOW, THEREFORE, in view of the above and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, the **following directions are issued for compliance to M/s Tirupati Starch & Chemicals Ltd, Dist-Dhar, Madhya Pradesh.**

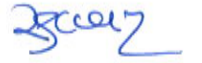
1. The Unit shall immediately close down all the manufacturing operations and shall obtain valid consent from MPPCB under Water act, Air act & Authorization under H&W Rule.
2. The Unit shall submit ETP adequacy assessment report duly validated by concerned reputed organisation like NEERI/CPPRI/IIT and accordingly augment/upgrade the ETP facility so as to meet the prescribed effluent norms. The Unit shall submit time bound action plan for the upgradation/augmentation of ETP as per the adequacy report including installation of RO plant, multiple effect evaporator (MEE) & dryer/ATFD as per their proposal presented before MPPCB to achieve the zero liquid discharge from the unit.
3. The Unit should upgrade/augment/ensure proper O&M of the Air Pollution Control Device for the 15 TPH coal based boiler and control the fugitive emissions from the Ash Handling area and coal storage shed.
4. The Unit should repair the flyash conveyor & to install the pneumatic system including silo for flyash handling to avoid spillages & fugitive emission.
5. The Unit shall maintain the logbooks for water consumption, treated effluent reused in process, cooling and for green development/gardening within premises.
6. The Unit shall dispose of the sludge in a scientific manner.
7. The Unit should control the leakages from the stack and make proper platform for stack emission monitoring purpose.
8. The Unit shall improve the Housekeeping.
9. The Unit shall report to CPCB regarding closure of manufacturing operations in compliance of the direction immediately on receipt of this direction.
10. The Unit shall seek permission from CPCB before resumption of the manufacturing operation.

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


(S.P. SINGH PARIHAR)
CHAIRMAN

Copy to:

1. **The Member Secretary,**
Madhya Pradesh Pollution Control Board,
Paryawaran Parisar,
E-5 Arera Colony,
Bhopal – 462 016. : [To ensure compliance of the
closure direction]
2. **The Regional Director,**
Central Pollution Control Board,
3rd Floor, Sahkar Bhawan,
North T.T. Nagar,
Bhopal – 462 003 : [For kind information]
3. **The Advisor** (CP Division)
Ministry of Environment, Forest & Climate Change,
IndraParyavaranBhavan, Jor Bagh Road,
New Delhi - **110 003** : [For kind information]
4. **The District Magistrate,**
Collector Office, Prakash-Nagar,
Dist-Dhar, Madhya Pradesh-**454001** : [To ensure compliance of closure
direction]
5. **The Managing Director,**
Madhya Pradesh Paschim Kshetra Vidyut Vitaran
Company Ltd. (MPPKVVCL),
GPH Compound, Pologround, Industrial Estate, Indore,
Madhya Pradesh 452003 : **[To disconnect the electric
power supply of the said unit in
compliance of closure direction
issued under section 5 of the
E(P)Act, 1986]**
6. The Divisional Head, IT Division, CPCB, Delhi : [To upload the direction at CPCB
website]
7. The Master file(Pulp & Paper), IPC-III Division :



(A. SUDHAKAR)
MEMBER SECRETARY