



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

By Speed Post

CP-11/6/2021-IPC-III-HO-CPCB-HO

May 18, 2022

To,

M/s The Chodavaram Coop. Sugars Ltd.,  
Vill: Govada, Mandal: Chodavaram,  
Visakhapatnam,  
Andhra Pradesh- 531023

**DIRECION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986**

**WHEREAS**, Sugar industries are identified as one of the 17 categories of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water, having potential threat to cause adverse effect on the water and air quality; and

**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**, the inspection of the **M/s The Chodavaram Coop. Sugars Ltd., Vill: Govada, Mandal: Chodavaram, Visakhapatnam, Andhra Pradesh- 531023** (hereafter referred as 'The Unit') was carried out on 18.02.2021 by the team of CPCB, as surprise inspections of about 50 randomly selected industries among 17 categories of highly polluting industries, as a special drive; and

**WHEREAS**, the unit was found operating without a valid consent under Air and Water Act and authorization under Hazardous Waste rules and also found non-complying with the prescribed effluent discharge standards w.r.t. BOD (i.e. 170 mg/l against 100 mg/l).

**WHEREAS**, CPCB issued a Direction (SCN) dated 10.06.2021 u/s 5 of E (P) Act, 1986 to the unit to show cause why the unit should not be closed for observed non-compliances; and

**WHEREAS**, the unit has submitted its reply to the said Direction (SCN) dated 10.06.2021 vide its office letter dated 21.06.2021; and

**WHEREAS**, joint team of CPCB Regional Directorate, Chennai and Andhra Pradesh Pollution Control Board has carried out the inspection of the unit on 09.02.2022 to verify the compliances submitted by the unit and observed following:

- i. The unit has obtained Consent and Authorization Order No. APPCB/VSP/VSP/59/CFO/110/2021 vide dated 09.06.2021, which is valid up to 31.12.2022.
- ii. The total water requirement of the unit as per consent order is 3392 KLD which is met from bore wells and River Sarada. **Unit has installed flow meter at the water abstraction point.** The total quantity of water drawn is less than consented limits.
- iii. The unit has installed online continuous effluent monitoring system to monitor pH, TSS, BOD and COD. Currently, OCEMS probe is installed in a container connected with outlet of a clarifier. The outlet of clarifier was connected to container with the pipeline. The valves was open and OCEMS is monitoring the clarifier outlet.
- iv. The filter cake generated from the unit is stored in the filter cake yard in the unit premises and is given to farmers at free of cost for use as manure. Unit is generating around 132 Tonnes of press mud per day.
- v. The unit is generating around 500 KLD of effluent. Effluent is treated in ETP of capacity 600 KLD comprising of Neutralization tank -> Anaerobic pond- 1 -> Anaerobic pond-II -> Aeration tank -> Clarifier. Treated effluent is stored in lined lagoon of capacity 7500 KL (15 days storage capacity). Treated effluent from lagoon is used on land for irrigation.
- vi. Unit is having two 50 TPH boilers attached to common stack of height 55m. Stack monitoring was carried out during inspection and analysis report of APPCB shows that PM value is 154 mg/Nm<sup>3</sup> against prescribed limit of 115 mg/N m<sup>3</sup>.
- vii. The inspection team has also collected the samples from the inlet and outlet of ETP and the lab analysis reports shows:

No	Sr. Parameter	Raw effluent	Treated effluent	Prescribed limits (as per APPCB consent)
1	pH	11.70	6.71	5.5-8.5
2	Total Suspended Solids at 105°C in mg/L	450	48	100
3	Total Dissolved Solids at 105°C mg/L	4768	908	2100
4	COD mg/L	3800	456	.....
5	BOD mg/L	1200	<b>160</b>	30

- viii. The online monitoring system was installed but emission data was not transferred to CPCB server, however data was transferred to CPCB server from online effluent monitoring system.

**WHEREAS**, it is evident from the above results that the effluent and emission samples are not-confirming with the prescribed norms w.r.t. BOD and PM; and

**NOW THEREFORE**, in view of the above, and exercising the powers delegated to the Chairman, Central Pollution Control Board (CPCB) under section 5 of the Environment(Protection) Act, 1986, following directions are hereby issued to **M/s The Chodavaram Coop. Sugars Ltd., Vill: Govada, Mandal: Chodavaram, Visakhapatnam, Andhra Pradesh- 531023** for compliance:

- i. The unit shall submit Adequacy Assessment Report (AAR) of ETP and APCD prepared by some reputed institute like IIT/ NSI/ VSI etc. along with augmentation/Implementation report of the recommendations made in the AAR.
- ii. The unit shall submit Comprehensive Irrigation Management Plan prepared by reputed institutes like IIT/VSI/NEERI etc.
- iii. The unit shall intimate to CPCB about the date of start of their manufacturing operations.
- iv. The unit shall ensure regular and smooth connectivity of OCEMS and perform periodic calibration of the analysers as per Standard Operating Procedure/ recommendations of the supplier and submit the latest calibration certificate to CPCB.
- v. The unit shall submit the lab analysis report of treated effluent for all the consented parameters and stack monitoring report of PM performed by MoEF/ EPA approved labs within 30 days from the date of start of manufacturing operations.
- vi. The unit shall ensure proper & regular O & M of their ETP and APCD.

The unit shall submit time bound compliance of the above directions within 60 days of receipt of this direction and also submit the lab analysis reports within 30 days after the start of next crushing season. In case of failure to comply with the said directions, necessary action shall be taken against the unit without giving any further notice, in accordance with provisions of the Environment (Protection) Act, 1986.

  
 (NARESH PAL GANGWAR) o/c  
 CHAIRMAN

Copy to:

1. The Member Secretary,  
Karnataka State Pollution Control Board  
"Parisara Bhawan"  
4<sup>th</sup>& 5<sup>th</sup> Floor, #49 church Street  
Bangalore - 560001 : For necessary action and providing the reason for making the norms more stringent w.r.t. PM i.e. 115 mg/Nm<sup>3</sup> against national standard of 150 mg/Nm<sup>3</sup>.
2. The Regional Director,  
Regional Directorate (Bangalore)  
Central Pollution Control Board,  
NisargaBhawan" A-Block,  
1<sup>st</sup>& 2<sup>nd</sup> Floors, Thimmaiah Road  
Shivnagar Bangalore  
Andhra Pradesh - 560079 : For information please.
3. The In-charge, (CP Division),  
Ministry of Environment, Forests & CC,  
Prithvi Block, Indira ParyavaranBhawan,  
Jorbagh Road, New Delhi - 110 003 : For information, pl.
4. The Div. Head, IT Division, CPCB Delhi : To upload direction at CPCB Website, pl.
5. The Div. Head, IPC-VI, Division, CPCB Delhi : For information, pl.
6. The Div. Head, IPC-III Division, CPCB Delhi : For records purpose.

  
 (B. VINOD BABU) o/c  
 MEMBER SECRETARY