ANDHRA PRADESH POLLUTION CONTROL BOARD  
PARYAVARAN BHAVAN, A-3, INDUSTRIAL ESTATE,  
SANATHNAGAR, HYDERABAD - 500 018.

Regd. Post with Ack Due

Order No.133/APPCCB/UA-II/TF/V/JA/2016-  

DIRECTIONS

Sub:  APPCCB – TF - HO - M/s. kondapalli Envirotech (P) Ltd., Sy.No.233, IDA, Kondapalli (V), Ibrahimpatnam (M), Krishna District – Complaint against the industry and Non-compliance of Board directions and consent conditions – Legal hearing held on 03.12.2016 - Directions - Issued - Reg.

2. Public complaint received from residents of Shantinagar Colony, Kondapally, Krishna District on 20.10.2016.
3. The Board Officials inspected the industry on 21.10.2016.
5. External Advisory Committee (Task Force) meeting held on 03.12.2016.

WHEREAS you are operating industry in the name & style of M/s. Kondapalli Envirotech (P) Ltd., Sy. No.233, IDA, Kondapalli (V), Ibrahimpatnam (M), Krishna District is Common Effluent Treatment Plant (CETP).

WHEREAS vide references 1st cited, the Board issued Consent for Operation (CFO) order on 25.07.2016 to the industry by stipulating certain conditions & standards which is valid upto 30.06.2017 for treatment of LTDS effluents – 100 KLD & HTDS effluents – 100 KLD, generated from the units located in Kondapalli, IDA. At present, there are 14 no. of units transporting effluents to CETP for further treatment.

WHEREAS vide references 2nd cited, public complaints received from residents of Shantinagar Colony, Kondapalli regarding odour nuisance and air pollution problems being causing by M/s. Kondapalli Envirotech (P) Ltd., Sy. No.233, IDA, Kondapalli (V), Ibrahimpatnam (M), Krishna District.

WHEREAS vide reference 3rd cited, the Board officials inspected the industry on 21.10.2016 and furnished the following observations:

   a. The capacity of the CETP is 200 KLD (HTDS effluent – 100 KLD & LTDS effluent – 100 KLD). The breakup of 100 KLD HTDS effluent is 76 KLD from member industries and 24 KLD from RO rejects. The breakup of 100 KLD of LTDS effluent is 65 KLD of condensate from MEE and 25 KLD of LTDS from member industries, 3.5 KLD of boiler blow down, 3.5 KLD domestic, 2 KLD cooling tower blowdown and 1 KLD of lab.
   b. The CETP collects the HTDS effluent and LTDS effluent separately. The HTDS effluent is collected in collection tank and treated in solvent stripping column, MEE followed by AFTD. The MEE condensate along with LTDS effluent is collected in separate collection tank and treated in Biological ETP consisting of barscreen chamber, fat removal chamber, equalization tanks, aeration tank I, clarifier (tube settler), aeration tank II, intermediate storage tanks, acid and alkali solution preparation tanks, Multi grade sand filter, activated carbon filter, RO system and sludge drying beds. RO permeate is reused in cooling towers of CETP and in member industries, RO rejects to MEE along with HTDS effluents. MEE salts are proposed to send to TSDF, the ETP sludge to be used as manure.
   c. The CETP is having 4 TPH boiler provided with multi cyclone dust collectors for control dust emissions. A stack of height 30 mts is attached to the boiler for dispersion of flue gases.
   d. The CETP executed a BG of Rs.25 Lakhs with validity upto 02.04.2017.

WHEREAS vide reference 4th cited, the EE, RO, Vijayawada issued show cause notice to CETP on 24.10.2016 for the following non compliance of CFO conditions.

   a. The CETP has not installed bag filters to the boiler and thereby not complied with condition no.15 of CFO order.

Date: 19.12.2016
b. As per the condition no.17 of CFO order the CETP shall take necessary measures for mitigation of odour nuisance. Perceptible odour was observed in Santhi Nagar colony and within the premises. The odour nuisance is due to fugitive and process emissions while operating the CETP and not complied with CFO condition.

c. As per the CFO condition no.18 the HTDS collection tank shall be covered but, during the inspection it was observed that the tank was not covered and thereby not complied with CFO condition.

d. The CETP was not provided with digital flow meters with totalizers for different streams of effluent (MEE feed, MEE condensate, CETP inlet, CETP outlet, treated effluent reused in cooling towers) and different categories of water usage stipulated and not complied with condition no.19 of CFO order.

e. The CETP not installed online monitoring system with web cameras and connected to APPCB and CPCB web site and thereby not complied with condition no.27 of the CFO order.

WHEREAS vide reference 5th cited, hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 03.12.2016. The representatives of the industry and the complaints attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The committee noted that the Board received a complaint from the residents of santhi nagar colony, Kondapalli regarding odour nuisance and air pollution problems to the surrounding inhabitants. The complaints informed that they are facing heavy smell nuisance during night time and air pollution causing skin diseases and damage the agriculture lands. The representative of the industry informed that they are receiving 40% of capacity of effluents from the member industries only. It was informed that the smell nuisance might have caused due to the leakages during repair works of machinery to the surrounding area. The Committee recommended to upgrade the ETP by applying the new technology so as to reduce the odour nuisance. The committee requested the management to visit the best CETP in India (for example: Gujarat & Maharashtra State) and implement the technologies adopted by the CETPs.

The Committee after detailed discussions, recommended to issue the following directions:

1. The industry shall install bag filters for the boiler of capacity 4 TPH within two months.
2. The industry shall take necessary measures for mitigation of odour nuisance.
3. The industry shall cover the HTDS collection tank as per CFO order condition immediately.
4. The industry shall provide digital flow meters with totalizers for different streams of effluents and different categories of water usage.
5. The industry shall install online effluent monitoring system with Web cameras and connect to the APPCB & CPCB website.
6. The industry shall dispose of the forced evaporation salts stored within the premises to TSDF, Parawada immediately.

This order is issued under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec.31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987.

You are hereby directed to note that, should you violate any one of the directions mentioned above, action will be initiated under Sec.33(A) of Water (Prevention & Control of Pollution) Amendment Act, 1988 and Sec.31(A) of Air (Prevention & Control of Pollution) Amendment Act, 1987 without any further notice, in the interest of Public Health and Environment.

This Order comes into effect from today i.e., 19.12.2016.

Sd/-
MEMBER SECRETARY

To
M/s. Kondapalli Envirotech (P) Ltd.,
Sy.No.233, IDA,
Kondapalli (V), Ibrahimpatnam (M),
Krishna District – 521 228.

Copy to:
1. The Joint Chief Environmental Engineer, Zonal Office, Vijayawada for information and necessary action.
2. The Environmental Engineer, Regional Office, Vijayawada for information and necessary action.

// T.C.F.B.O //

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II