ANDHRA PRADESH POLLUTION CONTROL BOARD  
D.No.33-26-14, D/Z, Near Sunrise Hospital, Pushpa Hotel Centn  
Chalamalavari street, Kasturibalpet, Vijayawada – 520 010

Read. Post with Ack Due  

Order No.421/APPCCB/UH-II/TF/VZN/2018-  

Date: 21.07.2018

DIRECTIONS


Ref:  
2. The officials of RO, Vizianagaram inspected the industry on 07.05.2018.  
4. Minutes of External Advisory Committee (Task Force) meeting held on 03.07.2018.  

WHEREAS you are operating industry in the name & style of M/s. Green Tech Laboratories Pvt Ltd., R.Sy.No.40, Plot Nos.28 & 29, APIC, Industrial Estate, Pydibheemavaram (V), Ranathalam (M), Srikakulam District is manufacturing of bulk drugs.

WEREAS vide reference 1st cited, the industry obtained CFO order of the Board on 18.08.2016 and validity upto 31.01.2019.

WEREAS the officials of RO, Vizianagaram have inspected the industry on 07.05.2018 and the following points were observed:

i. The industry is not operating the Forced evaporation system which is indicating that the FE system was not in operation since long time and storing the effluent in drums which is emanating lot of fumes. It was also observed that, there was no connectivity between effluent storage tank and forced evaporation system. The Effluent is stored in the tanks upto brim level.

ii. The industry is not properly operating the scrubbers attached to process vents to control the emissions and also not installed online pH measuring facility with auto recording system.

iii. The raw materials and products are stored on the ground without proper lining within the premises. The industry has not constructed the elevated Platform along with leachate collection sump for storage of solvent drums, raw material drums & waste drums thus violating the CFO order condition. Huge quantity of drums were stored in the premises.

iv. The industry has not installed ATFD thereby violating the CFO order condition.

v. The industry has not provided detoxification facilities duly ensuring the effluent collection in LTDS stream for treatment thus violating the CFO order condition.

vi. The industry has not provided the continuous online VOC monitoring system, Magnetic flow meters at ETP (Inlet & Outlet), flow meters at other points thereby violating the CFO order condition.

vii. The industry has not provided the pumping network system between the process block and forced evaporation system and storing the effluent in drums.

viii. The industry has not installed online real time monitoring facility with Web camera to connect to CPCB / APPCCB website thereby violating the directions.

ix. The industry is not maintaining chilled brine circulation for transfer of solvents by using pumps, closed centrifuges, reactors vents connected with primary and secondary condensers to prevent evaporation losses in solvents and fugitive emissions.

x. The industry has not installed flow meters with totalizers to ascertain the water consumption and waste water generation quantities.

xi. The industry has stored lot of drums containing chemicals / solvents in an open area on the ground without any leachate collection in the industry premises and also observed that the solvent is leaking from the bottom of the drums and fumes are emanating from the drums.

xii. The industry is not maintaining the records of daily production details (ER-I Returns), Quantity of Effluent Generated and Treated, Log books for pollution control system, Hazardous Waste Generated and disposed details, Manifest copies of Hazardous Waste.

xiii. The industry has not provided the underground solvent storage tanks with closed pipeline system.

xiv. The industry has stored huge quantity of hazardous waste and Boiler ash openly on the ground without any proper elevated platform.

xv. The House Keeping was observed to be very poor.
The industry has not developed the 33% green belt thus violating the CFO order condition.

WHEREAS vide reference 3rd cited, the EE, RO, Vizianagaram has issued show cause notice to the industry on 18.05.2018 for non-compliance of Consent conditions.

WHEREAS legal hearing was conducted before the External Advisory Committee (Task Force) of A.P. Pollution Control Board in its meeting held on 03.07.2018. The representatives of the industry attended the legal hearing. The Committee noted that the industry is not operating the Forced evaporation system and not properly operating the scrubbers attached to process vents to control the emissions and also not installed online pH measuring facility with auto recording system. The Committee also noted the status of non-compliance of Consent order conditions. The EE, RO, Vizianagaram has informed that the industry is not operating the Forced evaporation system and storing the effluent in drums which is emanating lot of fumes, not installed ATFD and not provided detoxification facilities. The industry has not constructed the elevated Platform with dyke wall along with leachate collection system for storage of solvent drums, raw material drums & waste drums. He also informed that the industry has not complied most of Consent order conditions. The representative of the industry informed that the production facility is under development process. They have an effluent treatment plant with 10 KL capacity per day. During the inspection FE system is not in operation due to a technical problem with the boiler, they had to shut it down for a span of 10 days until the replacement part arrived. Now FE system started after repairs and transferred the effluent to the storage tank. It was informed that they have four glass lined reactors at the manufacturing plant. They have a 2 stage scrubber. On the day of the visit, some of the lines were under maintenance and were disconnected. Once maintenance works were completed all the lines are reconnected. Now the scrubber is in operation. It was further informed that all raw materials are segregated as per safety measures. Presently they are covered with a tarpaulin, they will arrange a shed with a RCC platform. They requested 6 months time for installation of ATFD and remaining conditions will comply within 3 months time.

After detailed review the committee recommended to issue the directions. The Board is hereby issue the following directions under Sec.33 (A) of Water (Prevention & Control of Pollution) Amendment Act, 1988 and under Sec.31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987:

1. The industry shall regularly operate Forced Evaporation system and shall provide pipeline network for the transfer of effluents from effluent storage tanks of process blocks to Forced Evaporation system.
2. The industry shall operate scrubbers attached to process vents to control the emissions.
3. The industry shall install ATFD to comply the CFO order condition within in 6 months.
4. The industry shall provide detoxification facilities duly ensuring the effluent collection in LTDS stream for treatment within 3 months.
5. The industry shall provide continuous online VOC monitoring system with recording facility within 3 months.
6. The industry shall provide magnetic flow meters at ETP (Inlet & Outlet) within one month and shall maintain records.
7. The industry shall install online real time monitoring facility with Web camera and shall connect to CPCB / APPCB website within one month.
8. The industry shall install flow meters with totalizers to ascertain the water consumption and waste water generation quantities within one month.
9. The industry shall not store drums containing chemicals / solvents in an open area and shall store in a shed provided with leachate collection system.
10. The industry shall maintain records of daily production details (ER-1 Returns), Quantity of Effluent Generated and Treated, Log books for pollution control system, Hazardous Waste Generated and disposed details, Manifest copies of Hazardous Waste. The consolidated records shall be submitted to ZO, Visakhapatnam and RO, Vizianagaram every month.
11. The industry shall provide the underground solvent storage tanks with closed pipeline system within 3 months.
12. The industry shall store the hazardous waste in a dedicated storage facility provided in compliance of HW rules, 2016.
13. The raw materials and products shall not be kept on ground without proper lining. The industry shall store the raw materials, products and boiler ash in a closed storage facility.
14. The industry shall maintain good housekeeping within the industry premises.
15. The industry shall develop and maintain thick green belt all along the boundary of the industry premises to achieve minimum 33% area of the total project site.
16. The industry shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.
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., 21.07.2018.

Sd/-
MEMBER SECRETARY

To
M/s. Green Tech Laboratories Pvt.Ltd.,
R.Sy.No.40, Plot Nos.28 & 29,
APIIC, Industrial Estate,
Pydibheemavaram (V), Ransthalam (M),
Srikakulam District – 532 409.

Copy to:

1. The Joint Chief Environmental Engineer, Zonal Office, Visakhapatnam for information and necessary action.
2. The Environmental Engineer, Regional Office, Vizianagaram and directed to verify installation of ATFD and log records pertaining to effluent generation, hazardous waste generation and disposal. He is also directed to verify greenbelt development within the premises and in APIIC area and compliance of above direction and furnish the detailed report to Board Office.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II