Regd. Post with Ack Due

Order No. 321/APPB/VSP/TF/VSP/2017-2018

DIRECTIONS


2. BO officials, Visakhapatnam along with CEPI committee on 21.06.2017.

**WHEREAS** you are operating industry in the name & style of M/s. Andhra Petrochemicals Ltd., is operating petrochemicals unit located at Opp: Naval Dock yard, Scindia Road, Visakhapatnam.

**WHEREAS** the industry obtained Consent for Operation of the Board vide Order dated 30.04.2016 which is valid up to 31.12.2020 duly stipulating certain conditions vide references 1st cited.

**WHEREAS** he Board officials along with the CEPI Committee inspected the industry on 21.06.2017 & 22.06.2017 vide references 2nd cited and observed the following:

1. The industry is a major petrochemical industry with a capital investment of Rs. 480.0 Crores and engaged in production of i) 2 Ethyl Hexanol - 200 TPD, ii) Normal Butanol - 78 TPD, iii) ISO Butanol - 8.4 TPD, iv) Oxo residue -12.5 TPD using propylene and Naphtha as major raw materials and comes under Red Hazardous category. The industry is located in an area of 30.35ha. The Board has issued CFO to the industry vide order dt. 30.04.2016 is valid up to 31.12.2020.
2. VOC analyser provided at ETP is not in operation. Pungent odour was observed in the surroundings of ETP.
3. The CAAQM station provided is not calibrated regularly and showing erratic values.
4. The industry is not properly treating the process water. It is diluting the process water with cooling tower blow-down and discharging into the sea.
5. Samples of treated effluent and final effluent discharging into Mehadigidda surplus channel were collected on 21.06.2017 & 22.06.2017 and analysed at Zonal laboratory, Visakhapatnam. As per the analysis report, the concentration of the COD & BOD of the ETP outlet and final outlet are far exceeding the Board standards.

**WHEREAS** the Zonal Office, Visakhapatnam issued show-cause notice vide reference 3rd cited to the industry on 06.07.2017 for not complying with the discharge standards stipulated in the CFO order and the Board directions.

**WHEREAS** legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 16.11.2017. The representatives of the industry attended the legal hearing. The Committee noted that the industry is not properly treating the process water. It is diluting the process water with cooling tower blow-down and discharging into the sea. The COD and BOD values are exceeding in the Board standards. The Committee also noted that the VOC analyzer provided at ETP is not in operation and CAAQM station is not calibrated regularly and showing erratic values. The representative of the industry informed that the defective VOC meter replaced with new VOC meter, odour was due to pump seal leaks and some cracks in sump which were attended thoroughly, due to some maintenance issue of CAAQM, PM analyser has shown erratic values, which was attended & is now functioning correctly SO2 & NOx sensors are installed for both boilers. They also informed that they procure HC analyser separately in place of existing irreparable analyzer. Once the supplier meet the delivery and commissioning of the same will be done and the progress will be submitted to the Board.
The 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 and Control of Pollution) Amendment Act, 1988 and under Sec.31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987:

1. The industry shall operate regularly ETP to ensure compliance of the prescribed discharge standards.
2. The industry shall calibrate CAAQM station regularly to prevent display of erratic values of pollution monitoring parameters.
3. The industry shall provide additional stripper of adequate capacity within 3 months to reduce organic load to ETP. Further they shall provide hood cover to the ETP with odour extraction and condensation system to further prevent odour nuisance within 3 months.
4. The industry shall prevent odour from ETP area by taking all necessary measures.
5. The industry shall develop thick green belt in the industry premises as mentioned in the CFE & CFO order within six months.
6. The industry shall ensure the continuous compliance of the CFO & HW Authorization conditions issued by the Board.
7. The implementation progress of the above directions shall be furnished periodically to ZO, Visakhapatnam and RO, Visakhapatnam for every 3 months.

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., **08.12.2017**.

Sd/-
MEMBER SECRETARY

To
M/s. Andhra Petrochemicals Ltd.,
Opp: Naval Dock yard, Scindia Road,
Visakhapatnam - 530014

Copy to:
1. The Joint Chief Environmental Engineer, Zonal Office, Visakhapatnam for information and directed to inspect the unit to carry out detailed study on source apportionment of odour and to recommend mitigation measures to about odour nuisance in the surroundings.

2. The Environmental Engineer, Regional Office, Visakhapatnam with a direction for information and necessary action.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II