**Order No.311/APPB/II/TF/VZN/2017-**

**DIRECTIONS**

Sub:  
APPB - TF - UH-II - M/s. United Breweries Limited, Bantupalli (V), Ranasthalam (M), Srikakulam District – Public complaint received against industry regarding discharging effluents outside the industry premises and non-compliance of Consent conditions - Legal Hearing held on 09.11.2017 - Directions - Issued – Reg.

**Ref:**  
2. Board officials inspected the industry on 19.06.2017.

**WHEREAS** you are operating industry in the name & style of M/s. United Breweries Limited located at Bantupalli (V), Ranasthalam (M), Srikakulam District for manufacturing Beer – 12 Lakh HL/Annnum.

**WHEREAS** the Board has issued Consent for Operation & Hazardous Waste Authorization vide reference 1st cited to the industry vide order dated 27.05.2016 with certain conditions, which is valid period upto 31.05.2021, subject to compliance of the conditions stipulated therein.

**WHEREAS** the SEE, ZO, Visakhapatnam inspected the industry on 19.06.2017 vide reference 2nd cited and observed the following violations:

1. The industry is not operating the MEE and utilizing the RO rejects for irrigation / gardening in their own premises in gross violation of the CFO order.
2. The effluent generation is exceeding the consented quantities in almost all the months inspite of reduced production levels and reduced water consumption with respect to the consented quantities. The industry is required to conduct a thorough auditing of water consumption and effluent generation.
3. Even though the biological treatment system of ETP is in operation the effluents are not being treated to the desired level as indicated by the level of BOD of 280 mg/l in the sample collected from final treated effluent tank.
4. Various parameters reported in the analysis report of the RO rejects being utilized for irrigation / gardening in their own premises are far in excess of the standards and are not fit for utilization for gardening / irrigation.
5. The industry is putting the entire inorganic pollution load of the effluents generated in the industry is transferred onland by utilization of RO rejects thereby leading to ground water and surface water pollution.
6. Two pools of stagnated effluents were observed in their fenced premises outside the compound wall in south west direction. The analysis reports of the sample collected from the stagnated pool is indicating various parameters in considerably high quantities indicating stagnation of contaminated run off from the industry.
7. Earlier the Board was receiving complaints regarding discharge of effluents particularly during rainy season causing pollution of water bodies in the surrounding areas. The levels of various parameters in the above cess pool is confirming the apprehension of the complainants.
8. The industry is flaring the biogas instead of using the same as fuel for the boiler thereby wasting resources.
9. The ash handling is unscientific and being handled manually inspite of provision of collection hopper.
10. Huge quantity of broken glass bottle waste is observed to be lying in the south west corner of the premises just outside the compound wall.

WHEREAS the ZO, Visakhapatnam has issued show cause notice vide reference 3rd cited to the industry on 06.07.2017 for discharging effluents outside the industry premises and non-compliance of consent conditions.

WHEREAS legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 09.11.2017 vide reference 4th cited. The representatives of the industry attended the legal hearing. The committee noted that the Board received complaints regarding discharge of effluents particularly during rainy season, causing pollution of water bodies in the surrounding areas and not operating ETP properly. The Committee also noted that the industry is not operating the MEE and utilizing the RO rejects for irrigation/ gardening in their own premises, non-compliance of CFO conditions of the Board. The Committee noted that the parameters of BOD, COD, TDS, and TSS values are exceeding the Board standards. The EE, RO, Vizianagaram has informed that the industry is not dismantling 3 No.s of unlined lagoons and stored untreated effluents in the 3 no. of unlined lagoons and effluents are overflow from unlined lagoons. The representative of the industry informed that MEE up-graded before last month. They informed that effluents are not stored in unlined lagoons and the treated effluents are used for green belt purpose. They also informed that they are operating ZLD system only 4 months during rainy season, remaining months the effluents are discharge on-land irrigation. They will develop the green belt within the industry premises in an area of 41 acres.

After detailed discussions, the Committee recommended to issue certain directions. Accordingly, 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 immediately upgrade the Effluent Treatment Plant for treatment of waste water generated at their premise to comply with prescribed discharge standards continuously. The details of ETP upgradation and implementation progress shall be reported to ZO, Visakhapatnam and RO, Vizianagaram for every fortnight through e-mail.
2. The industry shall stop using RO rejects for onsite irrigation and it shall be disposed to MEE for evaporation.
3. The industry shall regularly operate Multiple Effective Evaporator (MEE) to maintain Zero Liquid Discharge (ZLD).
4. The industry shall provide magnetic flow meter with totaliser to quantity the MEE feed and condensate generation. They shall maintain daily records on waste water generation, MEE feed, condensate and concentrate generation.
5. The industry shall dismantle unlined lagoons within one month and shall submit photographic evidence to RO, Vizianagaram.
6. The industry shall construct silo of adequate capacity for collection of boiler ash in pneumatic closed conveyor within 2 months.
7. The industry shall construct the compound wall all around industry premises within 3 months.
8. The industry shall dispose ETP sludge and ATFD salts to TSDF, Parawada, Visakhapatnam regularly. They shall maintain daily records on solid waste generation and disposal mode for stream wise.
9. The industry shall not discharge treated/untreated effluents outside the premises under any circumstances.
10. The industry shall develop thick green belt in the industry premises as mentioned in the CFE & CFO order.
11. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order.
12. The industry shall continue the validity of the earlier Bank Guarantee for another one year towards their commitment to comply with Board directions.

You are hereby directed to note that, should you violate any one of the directions mentioned above, your unit will be closed 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., 05.12.2017.

Sd/-
MEMBER SECRETARY

To
M/s. United Breweries Limited,
Bantupalli (V),
Ranasthalam (M),
Srikakulam District- 532407.

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

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II