Regd. Post with Ack Due


DIRECTIONS

Sub: APPCB - TF - HO - M/s. ANRAK Aluminium Limited, Rachapalli, G. Kodur, Thamaram & Bimboyanapalem Villeges, Makavarapalem Mandal, Visakhapatnam District - Non-compliance of Board directions and consent conditions – Legal hearing held on 03.12.2016 - Directions - Issued - Reg.

2. The Board Officials inspected the industry on 23.08.2016 under randomized risk based inspections.
3. External Advisory Committee (Task Force) meeting held on 03.12.2016.

WHEREAS you are operating industry in the name & style of M/s. ANRAK Aluminium Limited, Rachapalli, G. Kodur, Thamaram & Bimboyanapalem Villeges, Makavarapalem Mandal, Visakhapatnam District manufacturing Alumina – 1.5 MTPA and Co-generation power – 150 MW.

WHEREAS vide references 1st cited, the Board issued Consent for Operation and Hazardous Waste Authorization order through auto renewal on 30.07.2016, which is valid upto 31.08.2017 for manufacturing of Alumina – 1.5 MTPA and Co-generation power – 150 MW.

WHEREAS vide references 2nd cited, the Board officials inspected the industry on 23.08.2016 under randomized risk based inspections and observed the following violations:

1. The industry has installed only one CAAQM station, not installed additional three CAAQM stations as per CFO order.
2. The industry has not made any provision for diversion of effluent generated from the dust suppression system in bauxite and coal handling system to effluent treatment pond.
3. The industry is conveying coal to the boiler by using closed conveyor belt and provided water sprinklers and bag filters to control the fugitive dust.
4. The industry has provided 2x 1000 silos for fly ash and 1x 1000 bottom ash and made provision for directly loading of ash into trucks from the silos. Fugitive dust emission was observed at fly ash handling area.
5. The industry has provided sampling ports for the stacks at a height of about 90 m. for which the industry has provided monkey ladder only, which is very difficult to conduct stack monitoring.
6. The industry has stacked bauxite, coal and pet-coke in open areas. Coal and pet-coke partially covered with tarpaulin. However, as per CFO condition No. 33, the all the raw materials should be stored in storage yards under sheds and adequate dust containment/ suppression measures should be maintained all around storage yard to control fugitive emissions.
7. The industry is injecting lime as fuel to control SO2 emissions, however, SO2 emissions ranging in the stacks from 390 to 620 mg/m³.
8. The industry is not treating the wastewater generated from the hostel/canteen.
9. The storm water drains provided at coal crushing area is filled with coal fines.
10. The industry has stacked 3.0 Lakh tons of bauxite openly in the premises.

WHEREAS vide reference 3rd 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 attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that refinery is not commissioned and they have installed one CAAQM station. Other 2 stations will be installed before commissioning of refinery. It was informed that they have provided storage facilities for fly ash with a capacity of 2X1000 M³ & for bed ash with capacity of 1X350 M³. Rubber belt curtain is provided around the un-loading point and water sprinkling is provided.
The Committee after detailed discussions, recommended to issue the following directions:

1. The industry shall install and commission remaining two CAAQM stations as per CFO order dated 19.08.2015.
2. The industry shall use 70% pet coke and 30% of imported coal as fuel to the Boilers as specified in CFO order.
3. The industry shall provide lift/spiral ladder to the stacks for conducting stack monitoring.
4. The industry shall ensure continuous operation of water sprinklers to control fugitive emissions generated from handling of coal.
5. The industry shall control the dust emissions generated at in the coal and ash handling area.
6. The industry shall connect the waste water generated from canteen/hostel to the STP for treatment.
7. The industry shall provide water meters at inlet and outlet of STP and energy meter, the treated water shall be utilized for green belt development and shall be discharged into the natural streams.
8. The storm water drains shall be cleaned frequently and shall not be allowed to mix with either trade or domestic effluent.
9. The industry shall install web cams as per CPCB guidelines within 1 month.
10. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

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 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. ANRAK Aluminium Limited.,
Rachapalli, G.Kodur, Thamaram & Bimboyanapalem Villages,
Makavarapalem Mandal,
Visakhapatnam District-531 113.

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

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II