ANDHRA PRADESH POLLUTION CONTROL BOARD
D.No.33-26-14, D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamavari street, Kasturimalpet, Vijayawada – 520 010
Phone:0866-2436200.
Grama : Kalusya Nivarana
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Regd. Post with Ack Due

Order No.194/APP/CB/UH-II/TF/ANTP/2019- S3 3
Date:05.07.2019

DIRECTIONS


2. The SEE, ZO, Kumool inspected the industry on 05.01.2019.
4. Minutes of External Advisory Committee (Task Force) meeting held on 14.06.2019.

WHEREAS you are operating industry in the name & style of M/s.Apple Industries Limited, Sy.No.617-1, 617-2, 618-A, B, 349-B, C1, 627-B1, C1, D.Hirehal Village & Mandal, Anantapur District manufacturing of Sponge Iron – 200 TPD and Ingots / Billetes – 200 TPD.

WHEREAS the Board vide references 1st cited, issued CFO & HWA to the industry vide order dt: 26.03.2016 with a validity 30.11.2020 for manufacture of sponge iron – 200 TPD & Ingots/Billetes – 200 TPD. Subsequently the industry was issued with CFO of the Board for expansion vide order dt. 12.06.2017 with a validity upto 31.03.2022 for manufacture of Sponge Iron – 100 TPD and Captive Power generation – 10 MW.

WHEREAS the SEE, ZO, Kumool inspected the industry on 05.01.2019 vide references 2nd cited and observed the followings:

   a) The industry has not provided energy meter for the APCE (ESP) provided to the AFBC boiler.
   b) The industry has not provided activation recorder to the ABC cap till now which is very much necessary in the event of non operation of power plant (WHRB Boiler).
   c) During inspection, fugitive emissions were observed at the transfer points, intermediate bin, kiln inlet and cooler discharge.
   d) The industry has not installed 2 CAAQM in the down wind direction as per the CFO stipulated condition.
   e) The industry has not asphalted or concreted the internal roads. Fugitive dust emissions were observed during movement of the vehicles on the roads.
   f) In addition to the sponge iron division, the industry is also having 02 Nos. of induction furnace of capacity 2X10 MT for manufacture of MS ingots/Billetes. The industry has not provided APCE i.e., ducting system (hood over the furnace to collect the fumes) followed by bag house and chimney of 35mts height to control dust emissions from the furnace and hence resulting in lot of fugitive emissions escaped from the hood of induction furnace.
   g) The Board officials have conducted stack monitoring for the common stack attached Rotary Kiln-I & II & AFBC Boiler of capacity 25 TPH on 05.01.2019. As per the Analysis reports the value of SPM of Rotary Kiln-I & II was recorded as 215 mg/Nm³ & AFBC Boiler of capacity 25 TPH was recorded as 120 mg/Nm³ which is exceeding the standard of 100 mg/Nm³.
   h) Fugitive emission monitoring was conducted towards western side near the kiln at 10 meters away from the kiln and as per the analysis report, the Value of SPM is 3500 µg/M³ as against the standard of 2000 µg/M³.

WHEREAS vide references 3rd cited, the JCEE, ZO, Kumool has forwarded the inspection reports along analysis reports and take action against the industry.

WHEREAS legal hearing was conducted before the External Advisory Committee (Task Force) of A.P. Pollution Control Board in its Meeting on 14.06.2019. The representative of the industry attended the legal hearing. The committee noted that the industry has not
maintained records on functioning of air pollution control equipment, not provided sheds to store the iron ore and dolomeric, not provided internal roads, not installed online monitoring system and not provided water sprinklers. The Committee also noted the non-compliance of Board directions and consent conditions. The representative of the industry informed that they have installed the separate energy meters for ESP provided to atmospheric Fluidized Bed Combustion Boiler. They provided additional dust extraction system with Bag Filters. But through pneumatic systems the dust is collected from Bag Filters and is burnt in the Boiler and all un burnt carbon is used. It was also informed that they constructed underground ducting of 400mm followed by Bag House and Chimney. They provided new coal shed for storage of coal & iron ores.

The Committee, after detailed discussions, recommended to issue certain directions. The Board 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 the Air Pollution Control Equipment continuously and maintain energy meter records specific on power consumed to operate all the Air Pollution Control Equipments. The consolidated energy consumption records shall be furnished to ZO, Kurnool and RO, Ananthapur every 3 months.**

2. **The industry shall expedite installation of online stack monitoring system for the stack attached to kiln and the same shall be completed within 2 months.**

3. **The industry shall lay internal concrete roads to avoid fugitive emissions during the movement of vehicles.**

4. **The industry shall provide fixed water sprinklers to control fugitive emissions around the raw material storage & handling area and shall ensure installation of sprinklers at strategic locations for effective dust suppression.**

5. **The industry shall upgrade cladding and dust extraction system to control fugitive emissions near the cooler discharge point, transfer point of product house and raw material crushers. Dry fog system shall be installed nearby sources of fugitive emissions to mitigate time dust getting air borne and consisting for air pollution.**

6. **The industry shall stop further storage of raw material / dolomeric openly and shall provide sheds of adequate capacity to store the iron ore, coal fines and dolomeric within 2 months.**

7. **The industry shall develop maintain thick green belt all round the industry premises as mentioned in the CFE & CFO order.**

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., 05.07.2019.*

Sd/-

CHAIRMAN

To

M/s.Apple Industries Limited,
D.Hirehal Village & Mandal,
Anantapur District.

Copy to:

1. The Joint Chief Environmental Engineer, Zonal Office, Kurnool for information and necessary action.
2. The Environmental Engineer, Regional Office, Ananthapur for information and necessary action.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER

UH-II