ANDHRA PRADESH POLLUTION CONTROL BOARD
D.No.33-26-14, D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari street, Kasturbalpet, Vijayawada – 520 010

Regd. Post with Ack Due

Order No. 70/APPCB/UH-II/TF/ANTP/2019- 552

DIRECTIONS


Ref: 1. Order No.70/APPCB/UH-II/TF/KNL/2016, dt.28.05.2016.
2. Complainant received from Sri S.Sanna Timma Reddy, Sri Adi Muthry, Smt. Sidhamma and others against industry causing dust pollution.
5. The SEE, ZO, Kurnool inspected the industry on 04.01.2019.
7. 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.SSP Sponge Iron Pvt. Ltd., is located at Sy.No.98 of D.Hirehal (V & M), Anantapur District and manufacturing Sponge Iron – 100 TPD.

WHEREAS the Board has reviewed the status of pollution control measure taken by the industry on 13.05.2016 and committee recommended to issue certain directions. Accordingly the Board has issued specific directions vide reference 1st cited to the industry on 28.05.2017.

WHEREAS vide reference 2nd cited a complaint was received from Sri S.Sanna Timma Reddy, Sri Adi Muthry, Smt. Sidhamma and others on 23.09.2016 against air pollution caused by the industry and their crops. Earlier also there were complaints received against the industry with regard to Crop damage due to dust pollution. The same was forwarded to EE, RO, Ananthapur on 27.09.2016.


WHEREAS the Board vide reference 4th cited, reviewed the status of pollution control measure taken by the industry on 16.11.2017 and committee recommended to issue certain directions. Accordingly the Board has issued specific directions to the industry on 08.12.2017.

WHEREAS the SEE, ZO, Kurnool inspected the industry on 04.01.2019 vide reference 5th cited and observed the followings:

a. The industry is manufacturing to the tune of 60 – 65 TPD by operation of 1 kiln.
b. During the inspection, stack monitoring has been carried out in the stack attached to kiln and the value of SPM (268 mg/Nm²) is found to be exceeding the standard of 100 mg/Nm².
   & fugitive emission monitoring was also carried out and the value of SPM (3766 µg/m³) is found to be exceeding the standard of 2000 µg/m³. Earlier there were complaints received against the industry with regard to Crop damage due to dust pollution. The industry has developed a thick green belt all along the boundary of the premises.
   The industry has not laid internal concrete roads but it has provided water sprinkling arrangements within the premises. There is a need for installation of additional sprinklers especially along the road from entrance to the kiln.

d. The industry is not maintaining records of functioning of all air pollution control equipment.

e. The industry started its operation on 08.06.2017 after a long gap.
f. The industry has not provided sheds to store Iron Ore & Dolachar and storing the raw materials in the open area. The industry as stored Iron Ore, Coal & Dolachar in open area and thereby giving a scope for generation of fugitive emissions.

g. Fugitive emissions were observed near the discharge point in the cooler discharge, transfer point of product house and raw material crushers. Emissions are escaping through ABC cap as the ESP is not functioning well.
h. Water sprinkling is being done at various corners of the industry and transfer points during inspection. However, the industry has to provide water sprinklers along the approach road to arrest the dust emissions generated due to plying of vehicles.
i. Housekeeping is not maintained well and as a result lot of dust is being emanated and resulting in more fugitive emissions.

WHEREAS vide references 6th cited, the JCEE, ZO, Kurnool has forwarded the inspection reports along with analysis reports and recommended to 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 held on 14.06.2019. The representative of the industry attended the legal hearing. The Committee noted the non-compliance of Board directions and consent conditions. The EE, RO, Anantapur informed that the industry has not provided internal roads, not installed online monitoring system, not provided water sprinklers, not maintain records on functioning of air pollution control equipment and not provided sheds to store the iron ore and dolochar. The representative of the industry informed that they have installed the water meters and due extreme drought conditions in the Ananthapur District there was no water in the bore wells. They are purchasing the water from outside in tankers. They informed that the maintenance of the ESP is completed and now the ESP is in running status. They provided separate energy meters for pollution control equipments. It was also informed that they laid metal roads for internal commuting purpose and they have provided water sprinklers along the roads to avoid fugitive dust emissions.

After detailed review the committee recommended to issue the directions. The Board hereby issues 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 Equipment. The consolidated energy consumption records shall be furnished to ZO, Kurnool and RO, Anantapur 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 / dolochar openly and shall provide sheds of adequate capacity to store the iron ore, coal fines and dolochar within 2 months.
7. The industry shall develop maintain thick green belt all round the industry premises as mentioned in the CFE & CFO order dl.28.05.2016 & 8.12.2017.
8. The industry shall comply all directions issued by the Board vide order dt.28.05.2016 & 8.12.2017.

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.SSP Sponge Iron Pvt. Ltd.,
Sy.No.98 of D.Hirehal (V & M),
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