Regd. Post With Ack Due

Order No. 213/APPCCB/UY-H/TF/VZN/2017-

DT. 23.08.2017.

DIRECTIONS


Ref: 1. Consent Order No: APPCCB/VSP/VZN/234/HO/CFO/2014 – 720, dt. 08.12.2014 which was expired on 31.03.2017 and renewed on 04.05.2017 for validity upto 31.03.2022.
2. Board officials inspected the industry on 29.05.2017 under randomized risk based inspections.

Whereas you are operating the industry in the name & style of M/s. Dankuni Steel Limited (Unit: Con Cast Ferro Inc.), Dusi (V), Amadalavalasa (M), Srikakulam District to manufacture of Pig Iron, Sinter, Portland Slag Cement, Casting, and Captive Power Plant

Whereas vide reference 1st cited, the Board has issued Consent for Operation & Hazardous Waste Authorization order to the industry vide order dated 04.05.2017 valid for the period up to 31.03.2022.

Whereas vide reference 2nd cited, The Board officials inspected the industry on 29.05.2017 under randomized risk based inspections and observed the following violations:

a) The industry is storing all the raw materials in an open area and may cause fugitive emissions during wind blows. During the inspection, it was observed that iron ore fines is storing towards village side at about 150mts in an area of about 3acres. The industry has provided wind breaking wall to some extent towards village side. The industry has not provided water sprinkling arrangement for suppression of fugitive dust emissions.

b) The industry shall maintain online data logger system to know the running hours and energy consumption of bag filter systems. Whereas the industry has not provided online data logger system to know the running hours and energy consumption of bag filter systems.

c) The industry shall operate Sewage Treatment Plant for treatment of domestic effluents and maintain records. Whereas, no wastewater observed in the units of STP. The industry is not operating the STP to treat the domestic wastewater.

d) The industry shall maintain all the 5 online stack analysers with connectivity to APPCCB/CPCB Website and shall submit compliance report at the end of 2 months i.e., by Feb, 2015. Whereas, the industry has provided 4 numbers online stack analysers, but all the online stack analysers are not in working condition.

e) The industry has not monitored all toxic gases in all the exhaust gases.

f) The industry has not provided water sprinkling arrangement for suppression of fugitive dust emissions at iron ore and coke fines handling circuit junction points.

g) The industry shall regularly lift slag and report the compliance to RO every month. Whereas the industry has disposed 30,200MT of slag for the period from September, 2016 to 28.05.2017. However, during the inspection the industry representative failed to submit the slag disposal details. Huge quantity of slag was disposed all along the boundary of the industry in the form of heaps at about 10mts height & about 1 Lakh Tonnes of slag is being stored in the premises.

h) The industry has not laid cement roads in the plant premises.

i) The industry has not taken any control measures for control fugitive emissions as well as dust emissions generated due to raw material handling at storage yards.

j) The industry has not provided any inter locking system between APC Equipment and fuel (Electricity) feeding system.

k) During the inspection, it was observed that head end ESP is having 3 passes, second chamber of ESP of head end attached to sinter machine is not in working condition.
Hence, thick flue gas emissions observed from the stack. During the inspection, it was observed that tail end ESP is having 3 passes, first chamber of ESP of tail end attached to sinter machine is not in working condition. Hence, thick flue gas emissions observed from the stack.

l) As per the CFE Order dt.20.07.2009, the industry shall develop green belt in 24 acres available within and around the plant premises. Industry shall complete green belt development in two months to achieve green belt of 24 acres and report the compliance to RO, Vizianagaram every month. Whereas, the industry has not developed 24 acres of green belt. The industry is being stored the slag in all the vacant lands.

m) The Industry has not provided any air pollution control equipment at primary mixing drum except providing water spray to some extent. Emissions were observed densely at primary mixing drum stack. Not provided adequate stack and stack monitoring provision at primary mixing drum.

n) Fugitive dust emissions were observed at conveyor belt leading from Sinter plant to primary mixing drum.

Whereas vide reference 3rd cited, the legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 24.07.2017. The representatives of the industry attended the legal hearing. The Committee also noted that the non-compliance of CFO conditions of the Board. The representative of the industry informed that the industry is not running full-fledged production capacity due to financial crisis since last six months. It was informed that they have stored the raw materials in the industry premises, around which provided with GI sheets and developed Green Belt. They provided water sprinkling arrangements for suppression of dust emissions at all dust generation points. It was informed that at time of inspection data logger system was corrupted due to technical issues, now new data logger system provided and it is working. It was also informed that they provided Sewage Treatment Plant capacity of 20 KLD. It was not running continuously since last six months due to financial crisis. They stored about 50,000 MT of slag and it will be disposed to M/s.CCL, Orissa. It was informed that they provided cement roads. They provided the interlocking system between gas cleaning plant with blast furnace.

The Committee, after detailed discussions, recommended to issue the following 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 maintain inter locking system between APC Equipment and fuel (Electricity) feeding system in time, so monitor that the electricity supply to furnaces would stop automatically in case the APC fails or functions ineffectively.

2. The industry shall operate the Air Pollution Control Equipment regularly and maintain energy meter readings. The consolidated energy meter readings shall be furnished to RO, Vizianagaram for every 3 months.

3. The industry shall rectify the problems at 2 No.of CAAQM stations and shall connect to APPCB website/CPCB within one month.

4. The industry shall store the raw materials in closed sheds and adequate dust / suppression measures shall be maintained to control fugitive emissions in the 3 months.

5. The industry shall maintain online data logger system and to maintain records on running hours and energy consumption for observation of bag filter systems.

6. The industry shall provide flow meters with totaliser facility for waste water generation, treatment and disposal within one month.

7. The industry shall regularly operate water sprinklers at iron ore and coke fines handling circuit junction points.

8. The industry shall immediately dispose off slag stored within the industry premises to authorized agencies and report compliance to RO, Vizianagaram.

9. The industry shall complete paving of all internal roads with RCC / black top in the plant premises within 6 months.

10. The industry shall take all necessary measures to control fugitive emissions as well as dust emissions generated due to raw material handling at storage yards. The industry shall maintain good house-keeping at the raw material storage yards.

11. The industry shall ensure continuous compliance of the conditions stipulated in the CFO & HWA order.

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., 23.08.2017

To
M/s. Dankuni Steel Limited
(Unit: Con Cast Ferro Inc.),
Dusi (V), Amadalavalasa (M),
Srikakulam District.

Copy to:

1. The Joint Chief Environmental Engineer, ZO, Visakhapatnam for information and necessary action.
2. The Environmental Engineer, Regional Office, Vizianagaram to inspect the industry to verify above compliance of Board direction and also to conduct online stack monitoring and CAAQM and submit detailed inspection report to Board Office within 3 months.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II