Regd. Post With Ack Due

Order No.176/APPCCB/UH-II/TF/KNL/2017-

DIRECTIONS

Sub: APPCB – TF - HO – M/s VBC Industries Ltd, (Formerly known as M/s Bharat Alloys & Energy Limited), Dinnedavarapu (V), Kurnool Mandal, Kurnool District – Complaint received against the industry – Legal hearing held on 07.07.2017 – Directions – Issued – Reg.

2. Board officials inspected the industry on 07.02.2017.
7. Inspection of the industry & surrounding area by the RO officials on 15.05.2017.

WHEREAS you are operating M/s VBC Industries Ltd, (Formerly known as M/s Bharat Alloys & Energy Limited) at Dinnedavarapu(V), Kurnool Mandal, Kurnool District and engaged in the production of Ferro Silicon – 50 TPD.

WHEREAS vide reference 1st cited, the Board issued modified directions to the industry on 22.06.2012 for non-compliance of the Board directions and consent conditions.

WHEREAS vide reference 2nd cited, the officials of Zonal Office, Kurnool inspected the industry on 28.01.2017 and submitted the inspection report dt.07.02.2017 through e-mail on 08.02.2017.

WHEREAS vide reference 3rd cited, the Zonal Office, Kurnool has issued Show-cause Notice to the industry on 07.02.2017 for Non-compliance of Board directions and consent conditions.

WHEREAS vide reference 4th cited, the Board issued Consent for Operation and Hazardous Waste Authorization to the industry on 14.03.2017 to produce Ferro Silicon of 50 TPD, which is valid up to 30.11.2018 with certain conditions.

WHEREAS vide reference 5th cited, the Board has reviewed the status of the pollution control measures taken by the industry before external advisory committee (Task Force) meeting held on 03.03.2017 and committee recommended to issue certain directions. Accordingly, the Board has issued following directions to the industry on 02.04.2017 for non-compliance of Board directions:

1. The industry shall provide flow meters for assessing the exact water consumption.
2. The industry shall discharge all air emissions through air pollution control system only and shall disconnect the bypass arrangement immediately.
3. The industry shall operate all the pollution control equipment continuously and efficiently to comply with Board’s stack, ambient and fugitive emissions norms.
4. The industry shall provide storage sheds for the raw material so as to minimize the fugitive emissions within 6 months.
5. The industry shall provide water sprinklers to suppress the silica dust near storage sheds and other raw materials within one month.
6. The industry shall lay the internal concreted/asphalted roads to control fugitive emissions within 3 months.
7. The industry shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

WHEREAS vide reference 6th cited, an adverse news item appeared in Sakshi daily news paper on 14.05.2017 under caption “Kalushyta Megham” regarding pollution problems from the industry, wherein the villagers of Dinnedavarapu (V), Venkannabavi (M), Agreseni Estate and also the School children of Indus, Atenas which are located in vicinity of Factory have
complained that they are facing health problems due to air pollution from the industry has not taken any measures to comply with the directions issued by the Board.

WHEREAS vide reference 7th cited, the officials of Regional Officer, Kunool along with Sri.PVS Chalam, JSO, Zonal Laboratory, Kunool on 15.05.2017 and furnished the inspection report to Zonal Office, Kunool. The JCEE, ZO, Kunool has forwarded the inspection report is as follows:

1. M/s.VBC Industries Ltd, is located at Dinnedevarapadu (V), Kunool (M), Kunool District and is Ferro Alloys manufacturing unit.

2. The industry is adjacent to the National Highway – 44 (Bangalore to Hyderabad) and there are residential colonies viz., RTC colony, Balaji villas, Silpa Township & other Residential colonies are in the vicinity of the industry. The ZO, Kunool received telephonic complaints from the residents of these colonies regarding air pollution from the industry.

3. As per the CFO order dt:14.03.2017 the industry was permitted to manufacture Ferro silicon of 50 TPD. The industry has manufactured Ferro silicon of 2030.07 tons i.e., 16.91 TPD (AVG) as against permitted 50 TPD during the period from Jan, 2017 to April, 2017.

4. The main source of air pollution is the Submerged Electric Arc Furnace of capacity 16.5 MVA (3 TPH) with 3 tap holes followed by 1 No. of emergency stack. The industry has provided Fume extraction system and cleaning system connected to APCE i.e., pulse jet bag house having 12 Nos. of Modules with 256 bags in each module.

5. The industry has not disconnected the bypass arrangement till now. However, during inspection it was observed that, the industry is discharging thick white fumes through stack.

6. The industry has provided separate energy meter for recording the energy consumption for the operation of the APCE and the industry is operating the APCE i.e., pulse jet bag house provided to the electric arc furnace.

7. The Board officials have conducted the stack monitoring for the stack attached to submerged electric arc furnace of capacity 16.5 MVA (03 TPH) on 15.05.2017 and as per the analysis report the value of SPM was 227 mg/Nm³ as against the standard of 35 mg/Nm³. The industry has to upgrade the existing APCE to comply with the emission standards stipulated by the Board.

8. The industry is storing the raw materials in the open area and not provided water sprinkling system at the raw material storage yards for the suppression of the dust.

9. The industry has not provided water sprinkling system to suppress the silica dust near storage sheds and other raw materials.

10. The industry has not laid concrete/asphalted roads within the premises. However, the industry has deployed tractor mounted tanker for sprinkling the water along the haulage roads to control fugitive emissions.

WHEREAS vide reference 7th cited, legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 07.07.2017. The representatives of the industry attended the legal hearing. The committee noted that the industry is not complied most of directions issued by Board and non-compliance of CFO conditions. The committee also noted that the industry has not disconnected the bypass arrangement, not provided the storage sheds, not provided the water sprinklers and not laid concrete asphalted roads. The EE, RO, Kunool has informed that during the inspection it was observed that the industry is discharging thick white fumes through stack and not disconnected the bypass arrangement. It was further informed that the industry has not provided flow meters for assessing the actual water consumption for various purposes. It was also informed that the industry has not provided inter locking system between Air Pollution Control Equipment and the submerged arc furnace i.e. fuel feeding to the furnace. The representative of the industry informed that they have provided the interlocking system. They will provide continuous online stack emission monitoring system and connect the same to CPCB/APPCB website within one month. They provided the flow meters for assessing the water consumption. It was requested that they will comply all the directions issued by the Board within one month. The Committee recommended to instruct the management of the industry to disconnect the bypass arrangement immediately and shall route all air emissions through air pollution control equipment only. The Committee recommended to obtain Bank Guarantee for Rs. 2 Lakhs towards commitment of the industry to comply with Board directions to control pollution during operational phase of the industry.

After detailed discussions, the Committee 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 immediately disconnect by-pass arrangement for vent emissions from submerged arc furnace and shall report compliance to RO, Kurnool within 15 days.

2. The industry shall upgrade the existing Air Pollution Control Equipment within one month to comply with prescribed emissions standards. The details of the upgradation and implementation progress shall be reported to Zonal Office, Kurnool and RO, Kurnool through e-mail.

3. The industry shall provide roof extraction system connected to Air Pollution Control Equipment to control the emissions generated at process area within one month.

4. The industry shall submit the Bank Guarantee for Rs.2.0 Lakhs towards compliance of Board directions vide order dt.02.04.2017 within 15 days.

5. The industry shall comply all the directions issued by the Board vide order dt. 02.04.2017.

6. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order dt.14.03.2017.

This order is issued under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1986 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 one of the directions mentioned above, your unit will be closed under Sec.33 (A) of Water (Prevention & Control of Pollution) Amendment Act, 1986 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., 04.08.2017.

Sd/-
MEMBER SECRETARY

To
M/s VBC Industries Ltd,
(Formerly known as M/s Bharat Alloys & Energy Limited),
Dinnedivarapadu (V),
Kurnool Mandal,
Kurnool District. - 518 002

Copy to:
1. The Joint Chief Environmental Engineer, Zonal Office, Kurnool for information and necessary action.
2. The Environmental Engineer, Regional Office, Kurnool for information and necessary action. He is directed to obtain Bank Guarantee for Rs.2.0 Lakhs from the industry and submit compliance to the Board Office within 15 days. He is also directed to monitor the industry and submit compliance report within two months.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-III