

O/c



TELANGANA STATE POLLUTION CONTROL BOARD
ZONAL OFFICE: HYDERABAD

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Order No. 15-RR-I/TSPCB/ZO-HYD/TF/2020- 818

Date: 09.01.2020

DESPATCHED
ON 10/01/2020

Sub: TSPCB – ZO - Hyderabad – M/s. Sugna Metals Pvt. Ltd., Sy.No.142 & 143, Laxmidevipally village road, Narayanapur (V), Pargi (M), Vikarabad District - Complaint received from Sarpanch, Grampanchayat Office, Narayanpur & Sri Pandaraiah, resident of Laxmidevipally village regarding air pollution caused by the industry in the surrounding area thereby violating Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 Act – **DIRECTIONS – ISSUED** - Reg.

Ref:

1. Consent Order No.447-RR-I/TSPCB/ZOH/CFO/2017-856, dated 01.08.2017 which is valid upto 30.06.2022.
2. CFO Expansion Order No.447-RR-I/TSPCB/ZOH/CFO/2017-1834, dated 08.11.2017 which is valid upto 30.06.2022.
3. Complaint received from Sarpanch, Grampanchayat Office, Narayanpur & Sri Pandaraiah, resident of Laxmidevipally village regarding air pollution.
4. Inspection of the industry on 16.12.2019.
5. TSPCB, RO-I, Rangareddy District report dt. 18.12.2019 received by Zonal Office, Hyderabad on 20.12.2019.
6. Task Force Committee meeting held on 03.01.2020 at TSPCB, Zonal Office, Hyderabad.

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1. **WHEREAS**, you are operating the industry in the name of M/s. Sugna Metals Pvt. Ltd., Sy.No.142 & 143, Laxmidevipally village road, Narayanapur (V), Pargi (M), Vikarabad District is engaged in MS Ingots / Billets - 200 TPD, TMT Bars - 200 TPD & Producer Gas - 7600 Nm³/hr.
2. **WHEREAS**, vide reference 1st cited, the industry has obtained CFO vide order dated 01.08.2017 with a validity period upto 30.06.2022.
3. **WHEREAS**, vide reference 2nd cited, subsequently, the industry has obtained CFO Expansion order dated 08.11.2017 with a validity period upto 30.06.2022.
4. **WHEREAS**, vide reference 3rd cited, complaints were received from Sarpanch, Grampanchayat Office, Narayanpur & Sri Pandaraiah, resident of Laxmidevipally village regarding air pollution against M/s. Sugna Metals Pvt. Ltd., Sy.No.142 & 143, Laxmidevipally village road, Narayanpur (V), Pargi (M), Vikarabad District regarding air pollution caused by the industry.
5. **WHEREAS**, vide reference 4th cited, the AEE-I, RO-I, Rangareddy District inspected the unit on 16.12.2019. During inspection, Sri P.Baddaiah, Complainant (Narayanpur Grampanchayat Sarpanch) husband, Sri Gopal, Villager of Laxmidevipally and other complainants were present and observed the following:
 - i. The industry has obtained CFO vide order dated 01.08.2017 for MS Ingots / Billets - 200 TPD, TMT Bars - 200 TPD & Producer Gas - 7600 Nm³/hr with a validity period upto 30.06.2022.

- ii. Subsequently, the industry has obtained CFO Expansion order dated 08.11.2017 for TMT Bars — 500 TPD with a validity period upto 30.06.2022.
- iii. The industry has established new shed after obtaining CFO expansion for TMT Bars.
- iv. During inspection, the industry was in operation. The industry is having 2 nos. of induction furnace of capacity 2 x 15 Tons. The industry has provided common air pollution control equipment i.e., wet scrubber followed by pulse jet bag house consists of 600 bags. The industry has provided pulse jet bag house recently. The industry has provided primary suction hood and secondary suction hood i.e., roof extraction system.
- v. The industry has provided separate energy meter for the air pollutior. control equipment. However, one year records of energy meter readings were not available to process the actual energy consumption.
- vi. The complainant's (Sri Pandaraiah & Sri Gopal, Villagers of Laxmidevpally) agricultural fields are located south side of the industry at a distance of about 200 - 250 mtrs. The complainant Sri Gopal is having 5 acres of land and 4 acres of land in the name of Sri Pandaraiah. Due to air pollution caused by the industry their agricultural fields are damaged.
- vii. The other complainants Sri P.Baddaiah informed that he is having 2 acres of land at Sy.No.130 towards west side of the industry at a distance of about 900 mtrs. Due to air pollution caused by the industry their agricultural fields are damaged.
- viii. The complainant Sri Narsimhulu informed that he is having 2 acres of land towards west side of the industry at a distance of about 600 mtrs, Sri B.Narsimhulu having 3 acres of land at a distance of about 500 mtrs, Sri Mala Subanaiah is having 3 acres of land, Sri Srinivas is having 3 acres of land, all are located west side of the industry at a distance of 600 mtrs. Due to air pollution caused by the industry their agricultural fields are damaged.
- ix. During the inspection, no air pollution was observed from the chimney however dust accumulated on the production shed was observed.
- x. The industry has developed green belt in vacant land but not sufficient i.e., 33% of green belt.
- xi. Accumulation of dust was observed within the premises.
- xii. The industry has not concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement as per CFO Condition No.15.
- xiii. The Zonal Laboratory, Warangal has carried out monitoring on 23.10.2019 and the values are tabulated below:

| Sl. No. | Stack attached to | Parameters | Value (mg/Nm) | Standard (mg/Nm') |
|---------|-----------------------------------|-----------------|---------------------------|---------------------------|
| 1 | Induction furnace of 15 TPD | SPM | 40 | 115 |
| | AAQM | | (µg/m³) | (µg/m³) |
| 2 | Near main gate downwind direction | PM10 | 86 | 100 |
| | | TSPM | 293 | -- |
| | | SO ₂ | 11 | 80 |
| | | NO _x | 38 | 80 |

- xiv. The industry has submitted consolidated statement of production details. As per the statement, the industry has manufactured 156.79 TPD (average) of ingots as against the permitted quantity of 200 TPD, 187.65 TPD (average) of TMT Bars as against the permitted quantity of 700 TPD during the period from January 2019 to November 2019.

6. **WHEREAS**, vide reference 5th cited, the EE, Regional Office-I, Rangareddy District has forwarded a detailed report with the above observations to Zonal Office Hyderabad for further necessary action.
7. **WHEREAS**, the issue was placed in the task force committee meeting held on 03.01.2020 at Zonal Office, Hyderabad. The committee after detailed discussion recommended **to issue directions** to the industry to comply within **15 days**:

As per the recommendations of the committee, the Board hereby issues the following directions to the industry to comply within **15 days**:

- The industry shall maintain proper daily records for water consumption for process boiler feed and domestic purposes.
 - The industry shall provide 4 AAQM stations in consultation with RO, Hyderabad to carryout ambient air quality monitoring at regular intervals within 3 months. Monthly reports shall be submitted to the RO.
 - The industry shall install online stack monitor for furnace emissions within 3 months and connect the data to the PCB website as committed.
 - The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.
 - The industry shall store slag in closed shed only and shall avoid open storage under any circumstances.
 - The industry shall concrete internal roads and shall develop green belt all around the plant. The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.
 - The industry shall develop 33% of the total area as thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with wide leaf area.
 - The industry shall maintain good housekeeping with-in the premises.
 - The industry shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E (P) Rules, 1986 & amendments thereof.
 - The industry shall comply with the directions and consent conditions stipulated by the Board.
 - The industry shall immediately submit a Bank Guarantee of Rs 4.0 Lakh (Rupees Four Lakh only) at Regional Office-I,Rangareddy District within 15 days with a validity period of 12 months towards the compliance of above directions issued by the Board.
8. **In view of the above, the industry is hereby directed to comply with the above directions within 15 days.** These directions are issued under Section 33(A) of the Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Section 31 (A) of Air (Prevention and Control of Pollution) Amendment Act, 1987.
9. It is also to note that, if it is continued to operate the unit violating any of the conditions mentioned above, the unit will be closed under Section 33(A) of the Water (Prevention and Control of Pollution) Amendment Act, 1988, Section 31(A) of the Air (Prevention and Control of Pollution) Amendment Act, 1987 and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under Section 41(2) of the

Water (Prevention and Control of Pollution) amendment Act, 1988, the punishment for which includes imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

S. N. S. 29/11/2020
JOINT CHIEF ENVIRONMENTAL ENGINEER (FAC)

To
M/s. Sugna Metals Pvt. Ltd.,
Sy.No.142 & 143, Laxmidevipally village road,
Narayanapur (V), Pargi (M),
Vikarabad District.

Copy to the Environmental Engineer, TSPCB, Regional Office-I, Rangareddy District for information. **He is directed to inspect the industry after 15 days from the issue of this directions for the compliance, and forward the detailed report for further necessary action.**