

**Form V**  
(See Rule 14)

*Environmental Statement for the financial year ending the 31<sup>st</sup> March 2024,*

**PART-A**

- 1) Name & Address of the Owner /Occupier: **M/S Gajanan Ferro Pvt. Ltd.**  
(Occupier: **Jitendra Kumar**) Located at Plot No.- 7,8 & 9, Khata No. – 6 & 7, Mauza –  
kadambada, Dhalbhumgarh, East Singhbhum, Jharkhand.
- 2) **Industry Category - Medium**
- 3) **Primary (SIC Code) – Silico Manganese**
- 4) **Production Capacity - 44 TPD**
- 5) **Year of Establishment – 2012**
- 6) **Date of Last Environmental Statement - 2022**

**PART- B**

Water and Raw Materials Consumption

|  |                 |
|--|-----------------|
| (1) Water consumption per day:                     | <b>22.5 KLD</b> |
| <b>Cooling:</b>                                    | <b>18.0 KLD</b> |
| <b>Domestic:</b>                                   | <b>2.0 KLD</b>  |
| <b>Other water Spraying &amp; Dust Suppression</b> | <b>2.5 KLD</b>  |

| Name of the Products          | Process water consumption per unit of Product output |   |
|-------------------------------|--|---|
|                               | During the previous Financial year (2022-2023)       | During the current Financial year (2023-24) |
| (1) <b>Silico Manganese –</b> | <b>Nil</b>   | <b>Nil</b>                                  |
| (2) <b>Ferro Silicon -</b>    | <b>Nil</b>   | <b>Nil</b>                                  |

(ii) Raw Material Consumption

| Name of Material                 | Name of Product         | Consumption of raw material per Unit of product output |  |
|----------------------------------|-------------------------|--|--|
|                                  |                         | During the previous Financial year (2022-2023)         | During the current Financial year(2023-2024) |
| <b>1. Manganese Ore</b>          |                         | <b>1.90 T/T</b>  | <b>1.87 T/T</b>                              |
| <b>Coke &amp; Coal</b>           | <b>Silico Manganese</b> | <b>1.80 T/T</b>  | <b>1.73 T/T</b>                              |
| <b>Dolomite</b>                  |                         | <b>0.30 T/T</b>  | <b>0.30 T/T</b>                              |
| <b>2. Quartz &amp; Quartzite</b> | <b>Ferro Silicon</b>    | <b>1.44 T/T</b>  | <b>1.42 T/T</b>                              |
| <b>Mill Scale</b>                |                         |  |  |

Industry May use code if discharge details of Raw Materials would violate contractual obligation, otherwise and industries have to name the raw materials.

**PART-C**

Discharged in the Environment unit Output  
(Parameter as certified in the consent issued)

| 1. Pollutants    | Quantity of pollutants discharged (Mass/day)  | concentrations of pollution in discharged (mg/m <sup>3</sup> ) | Variation from prescribed Std. with reasons |
|------------------|---|--|---|
| (a) <b>Water</b> | <b>Nil</b>  | <b>Nil</b>   | <b>No industrial effluent discharge</b>     |
| (b) <b>Air</b>   | <b>Particulate Matter maintained below the prescribed limit<br/>Monitoring done by recognized lab enclosed.</b> |  |   |

**PART-D**

(As specified under Hazardous Waste/Management and Handling Rules, 1989)

| Hazardous Waste                           | Total Quantity(Kg.)                           |  |
|---|---|--|
|   | During the previous financial year(2022-2023) | During the current financial year(2023-24) |
| (a) From Process                          |   |  |
| 1) <b>Waste/residues containing oil –</b> | <b>500 Kg</b>                                 | <b>475 Kg</b>                              |
| 2) <b>Used Oil -</b>                      | <b>1100 Lts</b>                               | <b>1050 Lts</b>                            |
| (b) From pollution Control Facilities-    | <b>Nil</b>                                    | <b>Nil</b>                                 |

**PART-E**  
Solid Waste

|  | Total Quantity (Kg.)                           |  |
|--|--|--|
|  | During the previous Financial year (2022-2023) | During the current Financial year(2023-2024) |
| (a) From Process <b>Slag</b>                           | <b>7357.30 MT</b>                              | <b>7327.8 MT</b>                             |
| (b) From Pollution Control Facilities                  | <b>Nil</b>                                     | <b>Nil</b>                                   |
| (c) Quantity recycled or re-utilized Within the unit – | <b>Nil</b>                                     | <b>Nil</b>                                   |
| (i) Sold -   | <b>Nil</b>                                     | <b>Nil</b>                                   |
| (ii) Disposed (Land filling) -                         | <b>7357.30 MT</b>                              | <b>7327.8 MT</b>                             |

**PART-F**

Please specify the characterization (in the term of consumption and quantity) of Hazardous as well as solid waste and disposal practice adapted for both these Categories of waste.

***No Hazardous waste generated in process***

***Only used oil (Cat. 5.1, as per Sch.-I of Rules)***

***Will be sold to registered recyclers.***

***Solid waste generated in the form of Slag (7327 MT/Year Approximately) is used for land filling.***

**PART-G**

Impact of the pollution abatement measures taken on conservation of natural resource and on production

***AAQ and other emissions are within the norms.***

**PART-H**

**Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution.**

All required PCDs has already been installed and working properly. Sufficient tree plantation within the premises has also been done. For Dust Suppression, fixed water sprinkler has been installed. Water used in Cooling tower is recycle continuously. hence

All required

**PART-I**

Any other particulars for improving the quantity of the environment.

***“We have done plantation and are being maintained for cleaner environment within the campus and naturally the nearby the environment also.”***