|  |  |  |
| --- | --- | --- |
| Type of Plant | Sinter  | [ ] |
| Coke  | [ ] |
| Iron and/or steel | Primary [ ]  | Secondary [ ] |
| Foundry | Primary [ ]  | Secondary [ ] |
| Copper | Primary [ ]  | Secondary [ ] |
| Aluminum | Primary [ ]  | Secondary [ ] |
| Lead | Primary [ ]  | Secondary [ ] |
| Zinc | [ ] |
| Brass/Bronze | Primary [ ]  | Secondary [ ] |
| Magnesium | [ ] |
| Other non-ferrous metal | Primary [ ]  | Secondary [ ] |
| Shredder | [ ] |
| Other  | Primary [ ]  | Secondary [ ] |
| Address |  |
| Contact(Name, position, phone and fax numbers, e-mail) |  |
| Number of Furnaces |  |
| Type of Operation | Batch (*e.g.*, 100 kg per batch) | [ ] |
| Semi-continuous (*e.g.*, 8 hours per day) | [ ] |
| Continuous (24 hours per day) | [ ] |
| Annual Operational/Capacity (per Unit) | t/h (tons per hour) |  |
| h/d (hours per day) |  |
| d/w (days per week) |  |
| t/d (tons per day) |  |
| d/a (days per year) |  |
| h/a (hours per year) |  |
| t/a (tons per year) |  |
| Annual Operation/Capacity (total) | t/h (tons per hour) |  |
| h/d (hours per day) |  |
| d/w (days per week) |  |
| t/d (tons per day) |  |
| d/a (days per year) |  |
| h/a (hours per year) |  |
| t/a (tons per year) |  |
| Type of Furnace | Blast furnace |  |
| Induction furnace |  |
| Electric arc furnace (EAF) |  |
| Cowper |  |
| Rotary kiln |  |
| Reverberatory |  |
| Other (please specify) |  |
| Temperature in Furnace | Main furnace (°C)  |  |
| Second chamber/afterburner (°C) |  |
| Primary Fuel | Type  | t/a  |
| Secondary/Alternative Fuel  | Type  | t/a or %  |
| Type of Air Pollution Control System (APCS) | Electrostatic precipitator | [ ] |
| Cyclone | [ ] |
| Bagfilter | [ ] |
| Wet scrubber | [ ] |
| Dry scrubber | [ ] |
| Lime injection | [ ] |
| NaOH/alkali injection | [ ] |
| Active carbon/coke injection | [ ] |
| Active carbon filter | [ ] |
| Catalytic converter (SCR) | [ ] |
| Induced or forced draft fan | [ ] |
| Other (please specify) |  |
| None | [ ] |
| Heat Recovery System | Yes [ ] | No [ ] |
| Temperature of Gases | At entry to APCS (°C) [ ] | At exit from APCS (°C) [ ] |
| Flux of Exit Gases | (m³/h) (dry gas)  |  |
|  |  |  |
| Residues |  | Disposal of these Residues  |
| Generation of Bottom Ashes | t/a [ ] | Recirculation [ ] | Landfill [ ] |
| Generation of Fly Ashes | t/a [ ] | Recirculation [ ] | Landfill [ ] |
| Generation of (Waste)Water | t/a [ ] | Disposal |  |
| Generation of Sludges (as dry matter) | t/a [ ] | Recirculation [ ] | Landfill [ ] |

**Final classification and evaluation** (to be filled out by the data evaluator)

|  |  |
| --- | --- |
|  | **Emission Factor (μg TEQ/t)** |
| **Class** | **Air** | **Water** | **Land** | **Product** | **Residues** |
|  |  |  |  |  |  |
|  | **Annual Release (g TEQ/a)** |
| **Annual Activity (t/a)** | **Air** | **Water** | **Land** | **Product** | **Residues** |