|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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** |