|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type of Plant | **Power plants** | | | |
| Coal | | [ ] | |
| Lignite | | [ ] | |
| Bituminous coal | | [ ] | |
| Anthracite | | [ ] | |
| Other | |  | |
| Natural gas | | [ ] | |
| Wood | | [ ] | |
| Landfill gas | | [ ] | |
| Sewer gas | | [ ] | |
| Biomass (please specify) | |  | |
| **Industrial Combustion units (small)** | | | |
| Coal (please specify) | | [ ] | |
| Lignite | | [ ] | |
| Bituminous coal | |  | |
| Anthracite | | [ ] | |
| Other | | [ ] | |
| Natural wood | | [ ] | |
| Combustion of other kinds of biomass | |  | |
| Sugar cane | | [ ] | |
| Tapioka | | [ ] | |
| Cotton | | [ ] | |
| Bamboo | | [ ] | |
| Banana | | [ ] | |
| Harvest residues | | [ ] | |
| Other (please specify) | | [ ] | |
| Other (please specify) | |  | |
| Address | |  | | |
| Contact (Name, position, phone and fax numbers, e-mail) | |  | | |
| Type of Operation | | Batch (*e.g.*, 100 kg per batch) | | [ ] |
| Semi-continuous (*e.g.*, 8 hours per day) | | [ ] |
| Continuous (24 hours per day) | | [ ] |
| Annual Operation/Capacity (per Unit) | | t/h (tons per hour) or TJ/h (Terajoule per hour) | |  |
| h/d (hours per day) | |  |
| d/w (days per week) | |  |
| t/d (tons per day) or TJ/h (Terajoule per day) | |  |
| d/a (days per year) | |  |
| h/a (hours per year) | |  |
| t/a (tons per year) or TJ/h (Terajoule per year) | |  |
| Annual Operation/Capacity (total) | | d/a (days per year) | |  |
| h/a (hours per year) | |  |
| TJ/a (Terajoule per year) | |  |
| Type of Furnace/Combustor | | Boiler | |  |
| Process heater | |  |
| Flare | |  |
| Turbine (internal gas) | |  |
| Combustion engine (internal) | |  |
| Other (please specify) | |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Temperature in Furnace | Main furnace (°C) | | | | |  | |
| Second chamber/afterburner (°C) | | | | |  | |
| Type of Abatement Pollution Control System (APCS) | Electrostatic precipitator | | | | | [ ] | |
| Cyclone | | | | | [ ] | |
| Bughouse filter | | | | | [ ] | |
| Wet scrubber | | | | | [ ] | |
| Dry scrubber | | | | | [ ] | |
| Lime injection | | | | | [ ] | |
| NaOH/alkali injection | | | | | [ ] | |
| Active carbon/coke injection | | | | | [ ] | |
| Active carbon filter | | | | | [ ] | |
| Catalytic converter (SCR) | | | | | [ ] | |
| 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** |
|  |  |  |  |  |  |