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