|  |  |  |
| --- | --- | --- |
| Chemical Industry:Type of Plant | Pulp and paper industry: Pulp | [ ] |
| Pulp and paper industry: Paper (primary or recycling) | [ ] |
| Pulp and paper - integrated | [ ] |
| Organochlorine production |  |
| Ethylene dichloride | [ ] |
| PVC | [ ] |
| Pesticides (PCP, 2,4,5-T, 2,4-D) | [ ] |
| Production of chlorine gas (graphite electrodes) | [ ] |
| Petroleum industry refineries | [ ] |
| Address |  |
| Contact(Name, position, phone and fax numbers, e-mail) |  |
| Capacity: Consumption of Raw Materials (type, quantity = t/a) |  |  |
|  |  |
|  |  |
| Capacity: Final Product of Raw Materials (type, quantity = t/a) |  |  |
|  |  |
|  |  |
| Type of Process | Fixed-bed | [ ] |
| Fluidized bed | [ ] |
| Other | [ ] |
| 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) |  |
| 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) |  |
| Operation/ Production Temperature | (°C) |  |
| Water discharge (L/h, m³/a) |  |  |

|  |  |  |
| --- | --- | --- |
| Water treatment | Settling pond | [ ] |
| Aerated lagoon | [ ] |
| Secondary treatment | [ ] |
| Tertiary Treatment | [ ] |
| Others (please specify) | [ ] |
| Sludge generation | t/a (tons per year) |  |
| Sludge disposal | Landfill (t/a) |  |
| Land farming (t/a) |  |
| On-site (t/a) |  |
| Incineration (t/a) |  |
| Others (please specify) (t/a) |  |
| Type of Air Pollution Control System (APCS) | Electrostatic precipitator | [ ] |
| Cyclone | [ ] |
| Bag filter | [ ] |
| 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 | [ ] |
| 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** |
|  |  |  |  |  |  |