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