|  |  |
| --- | --- |
| Minnesota Pollution Control Agency (MPCA), 520 Lafayette Road North, St. Paul, MN 55155-4194 | MG-05F  Part 70 Manufacturing General Permit emission source associations  Air Quality Permit Program  Doc Type: Permit Application |

**Instructions on page 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| a) AQ Facility ID number: | |  | b) Agency Interest ID number: |  |
| c) Facility name: |  | | | |

If the facility currently holds an air emission permit, provide edits to the information the Minnesota Pollution Control Agency (MPCA) currently has in the database, on the AQ SI details report labeled “SI-SI relationships.” Complete any fields marked “null.” If you need to add additional relationships, add them to the table below.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1a)** | **1b)** | **1c)** | **1d)** | **1e)** | **1f)** | **1g)** | **1h)** | **1i)** | **1j)** | **1k)** | **1l)** |
| **Source ID number** | **% Flow** | **Relationship** | **TREA ID number** | **Start date (mm/dd/yyyy)** | **End date (mm/dd/yyyy)** | **% Flow** | **Relationship** | **STRU ID number** | **Start date (mm/dd/yyyy)** | **End date (mm/dd/yyyy)** | **Comments** |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |
|  |  | **is controlled by** |  |  |  |  | **sends to** |  |  |  |  |

Examples

The first association below will read, “100% of flow from EQUI 4 is controlled by TREA 2.”

The second association below reads, “100% of flow from EQUI 4 is controlled by TREA 3 and sends to STRU 3.”

The third association below reads, “100% of flow from EQUI 5 is controlled by TREA 5 and sends to STRU 4,” and indicates that STRU 4 is the main stack for EQUI 5.

The fourth association below indicates that STRU 5 is a bypass for EQUI 5.

The fifth association below reads, “100% of flow from TANK 6 sends to STRU 6.”

The sixth and seventh associations below indicate that there are two parallel stack/vents for EQUI 7 and 50% of emissions are vented through each during normal operation. STRU 7 is the main stack or vent and STRU 8 is the parallel stack or vent. Any additional stacks or vents listed afterward for EQUI 7 would also be parallel stacks or vents.

The eighth association below indicates that FUGI 1 is not controlled and does not have a stack/vent.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3a)** | **3b)** | **3c)** | **3d)** | **3e)** | **3f)** | **3g)** | **3h)** | **3i)** | **3j)** | **3k)** | **3l)** |
| **Source ID number** | **% Flow** | **Relationship** | **CE ID number** | **Start date (mm/dd/yyyy)** | **End date (mm/dd/yyyy)** | **% Flow** | **Relationship** | **S/V ID number** | **Start date (mm/dd/yyyy)** | **End date (mm/dd/yyyy)** | **Comments** |
| EQUI 4 | 100 | **is controlled by** | TREA 2 | 1/1/2012 |  |  | **sends to** |  |  |  | TREA 2 is a cyclone. Its emissions flow to TREA 3. |
| EQUI 4 | 100 | **is controlled by** | TREA 3 | 1/1/2012 |  | 100 | **sends to** | STRU 3 | 1/1/2012 |  |  |
| EQUI 5 | 100 | **is controlled by** | TREA 5 | 1/1/2012 |  | 100 | **sends to** | STRU 4 | 1/1/2012 |  | STRU 4 is the main stack. |
| EQUI 5 | 0 | **is controlled by** |  |  |  | 0 | **sends to** | STRU 5 | 1/1/2012 |  | STRU 5 is a bypass |
| TANK 6 | 0 | **is controlled by** |  |  |  | 100 | **sends to** | STRU 6 | 1/1/2012 |  | TANK 6 is not controlled and vents to STRU 6 |
| EQUI 7 | 0 | **is controlled by** |  |  |  | 50 | **sends to** | STRU 7 | 1/1/2012 |  | STRU 7 is parallel to STRU 8 |
| EQUI 7 | 0 | **is controlled by** |  |  |  | 50 | **sends to** | STRU 8 | 1/1/2012 |  | STRU 8 is parallel to STRU 7 |
| FUGI 1 | 0 | **is controlled by** | NA |  |  |  | **sends to** | NA |  |  | FUGI 1 does not have controls and does not have a stack/vent. |

Instructions

**1a) AQ Facility ID number** – Fill in your Air Quality (AQ) Facility Identification (ID) number. This is the first eight digits of the permit number for all permits issued under the operating permit program. If you don’t know this number, leave this line blank.

**1b) Agency Interest ID number** – Fill in your Agency Interest ID number. This is an ID number assigned to your facility through the Tempo database. If you don’t know this number, leave this line blank.

**2) Facility name** – Enter your facility name.

**3)** Complete each line of the table by checking the appropriate box, indicating that the specified form or attachment is included or not included in the application.