|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Calculation ID** | **11a** | **Source Type** | Scrubber | **# Units** | 1 |
|  | | **Sub Type** | Aerozine-50, HSF | | |
| **Buildings and AB2588 Device IDs** | | |  |  | | --- | --- | | **Building** | **AB2588 Device ID** | | 976/977 | 104655 | | | | |
| **Calculation Method Type** | | Emission Factor | | | |
| **Inputs** | | BQ = Activity Rate or Base Quantity (hours/year)  EFp = Emission Factor for pollutant p (lbs emitted/hour) | | | |
| **Outputs** | | Epy = Emission for pollutant p (lbs/year) | | | |
| **Calculations** | | Hourly Emissions are listed below. | | | |
| **Assumptions** | | None | | | |
| **Regulated Compounds** | | |  |  |  | | --- | --- | --- | | **Chemical** | **Hourly Emissions (lb/hr)** | **Annual Emissions**  **(lb/yr)2** | | Hydrazine | 0.0121 | 2.58024 | | Dimethyl Hydrazine (1,1-) | 0.003 | 0.64506 | | | | |
| **Notes** | | 1 – Emission factor recommended by SBCAPCD for 2008 ATEIP.  2- Source operated 215.02 hours in 2018 | | | |
| **References** | | Source Test Report for PTO 7987, 30 July 2001, Table 2.1-1, FVSS Compliance Test Results | | | |