

Emission Sources - Maximum Allowable Emission Rates

Permit Number 83827

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|------------------------|--|--------------------------|----------------|---------|
| | | | lbs/hour | TPY (4) |
| BASF-INT | Facility Instrument Clearing MSS Emissions (5) | VOC | < 0.01 | < 0.01 |
| BASF-UNCONT | Uncontrolled Equipment Clearing (6) | VOC | 181.66 | 1.83 |
| | | HCl | 6.55 | 0.01 |
| | | HF | 12.38 | 0.23 |
| | | KF | 0.01 | 0.01 |
| | | KOH | 57.01 | 0.29 |
| | | NaF | 0.01 | 0.01 |

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
HCl - hydrochloric acid
HF - hydrofluoric acid
KF - potassium fluoride
KOH - potassium hydroxide
NaF - sodium fluoride
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rates include the clearing of flow meters, level transmitters, pressure transmitters, control valves, and analyzers.
- (6) Emissions rates include the uncontrolled degassing of towers, reactor vessels, process tanks, internal floating roof tanks, heat exchangers, pumps, filters, process vessels, compressors, and heaters.

Date: March 28, 2022