

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9576

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) |
| 400 | Flare | VOC | 13.30 | 18.07 |
| | | NO _x | 0.60 | 2.61 |
| | | SO ₂ | 0.01 | 0.01 |
| | | CO | 5.11 | 22.37 |
| Area 1 | Fugitive VOC (5) | VOC | 4.64 | 20.31 |
| Area 2 | Fugitive VOC (5) | VOC | 1.30 | 5.70 |
| Area 3 | Fugitive VOC (5) | VOC | 3.24 | 14.18 |
| Area 4 | Fugitive VOC (5) | VOC | 1.54 | 6.75 |
| Area 5 | Fugitive VOC (5) | VOC | 0.26 | 1.15 |
| Plant | Fugitive VOC Plant | VOC | 0.05 | 0.23 |
| Maintenance | Maintenance | VOC | 1.00 | 0.60 |
| 3A | Coagulation Vent 1A | VOC | 0.86 | 3.78 |
| 3B | Coagulation Vent 1B | VOC | 0.86 | 3.78 |
| 5 | Acetic Acid Scrubber 1 | VOC | 0.10 | 0.01 |
| 6A | Chip Wash Vent 1A | VOC | 0.01 | 0.01 |
| 6B | Chip Wash Vent 1B | VOC | 0.01 | 0.01 |
| 7 | Cooling Tower I | VOC | 0.01 | 0.01 |
| | | PM | 0.41 | 1.80 |
| | | PM ₁₀ | 0.41 | 1.80 |
| | | PM _{2.5} | 0.41 | 1.80 |
| 8 | Wastewater Pool 1 | VOC | 0.64 | 2.80 |
| 22A-H | 8 Packing Silos | PM ₁₀ | 0.10 | 0.02 |
| 24 | 2 Packing Silos | PM ₁₀ | 0.01 | 0.01 |
| 25A | Pneumatic Conveyor | PM ₁₀ | 0.01 | 0.01 |
| 25B1 | Pneumatic Conveyor | PM ₁₀ | 0.01 | 0.01 |
| 25B2 | Pneumatic Conveyor | PM ₁₀ | 0.01 | 0.01 |
| 25C | Pneumatic Conveyor K1207 | PM ₁₀ | 0.01 | 0.01 |
| 25D1 | Pneumatic Conveyor K1258 | PM ₁₀ | 0.01 | 0.01 |
| 25D2 | Pneumatic Conveyor K1258 | PM ₁₀ | 0.01 | 0.01 |
| 53A | Coagulation Vent II-A | VOC | 0.90 | 3.90 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|--------------|-----------------------------|-------------------|------|-------|
| 53B | Coagulation Vent II-B | VOC | 0.90 | 3.90 |
| 56A | Chip Wash Vent II-B | VOC | 0.01 | 0.01 |
| 56B | Chip Wash Vent 11-B | VOC | 0.01 | 0.01 |
| 72A-H | Chip Silos | PM ₁₀ | 0.01 | 0.03 |
| 75A-D | 4 Dryer Pneumatic Filters | PM ₁₀ | 0.01 | 0.02 |
| 403 | F-1483 Acetic Acid Scrubber | VOC | 0.25 | 1.00 |
| 402 | F-4402 Filter | PM ₁₀ | 0.24 | 0.94 |
| 405 | F-6458 Filter | PM ₁₀ | 0.25 | 0.69 |
| 408-D | F-6303 Filter | PM ₁₀ | 0.25 | 0.69 |
| 408-C | F-6402-2 Filter | PM ₁₀ | 0.50 | 1.38 |
| 408-A | F-6451 Filter | PM ₁₀ | 0.25 | 0.69 |
| 409 | Cooling Tower | VOC | 2.62 | 0.24 |
| | | PM | 0.41 | 1.80 |
| | | PM ₁₀ | 0.41 | 1.80 |
| | | PM _{2.5} | 0.41 | 1.80 |
| 407 | Fugitives (5) | VOC | 1.46 | 6.41 |
| 410 Tank | Coagulation Vent II-B | VOC | 0.01 | 0.22 |
| 410 scrubber | Wastewater Tank Scrubber | VOC | 0.01 | 0.05 |
| CAP 1100 | 1100 Line Emission Cap | VOC | 3.54 | 15.51 |
| | | PM ₁₀ | 0.01 | 0.01 |
| CAP 1200 | 1200 Line Emission Cap | VOC | 3.54 | 15.51 |
| | | PM ₁₀ | 0.01 | 0.01 |
| CAP 1300 | 1300 Line Emission Cap | VOC | 7.40 | 32.07 |
| | | PM ₁₀ | 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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Emission Sources - Maximum Allowable Emission Rates

Date: _____