

Emission Sources - Maximum Allowable Emission Rates

Permit Number 89377

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) |
| Stacks 1a/b/c | Pledget Tinting/ Drying | VOC | 27.28 | 34.71 |
| Stack 2 | Ampoule Washing | VOC | 9.42 | 3.50 |
| Stack 3 | Formulation | VOC | 1.42 | <0.01 |
| Stack 4 | Chem lab | VOC | <0.01 | 0.02 |
| Stack 5 | R&D Lab | VOC | 0.10 | 0.62 |
| Stack 6a/b/c | 26ml Dust Collectors | PM | <0.01 | 0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| Fugitive 1 | Bonding | VOC | 2.98 | 7.44 |
| | | Exempt Solvent | 0.99 | 3.39 |
| Fugitive 2 | Ink Usage | VOC | 0.48 | 3.00 |
| Fugitive 3 | Microbiology Lab | VOC | 0.02 | 0.06 |
| SITE-WIDE | All Sources (5) | Individual HAPs | -- | <10.00 |
| | | Total HAPs | -- | <25.00 |

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- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - 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
 - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) This HAP limit is being included so that a Title V permit is not required, but due to EPA's once-in, always-in policy, the requirements of 40 CFR Part 63, Subpart GGG (Pharmaceutical Production) remain applicable because the final compliance date passed without inclusion of an enforceable HAP limit in the permit.

Date: March 4, 2013