

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19127

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. 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) | <u>Emission Rates</u> | |
|---|---|-----------------------------------|-----------------------|--------|
| | | | lb/hr | TPY** |
| Booth1, Booth234, Booth45 combined | Metal spray emissions from Booth 1, Booth 2, Booth 3, Booth 4, and Booth 5 combined. | PM ₁₀ | <0.001 | <0.001 |
| | Fuel Combustion. Fuel combustion emissions from all metal spray operations combined. | PM ₁₀ | <0.001 | <0.001 |
| | | NO _x | 0.46 | 0.48 |
| | | CO | 0.10 | 0.11 |
| | | SO ₂ | 0.92 | 0.96 |
| | | TOC | 0.01 | 0.01 |
| BldgFug | Building Fugitives. Parts cleaning within the building housing the thermal spray operations. | VOC and Exempt Solvents, combined | 2.50 | 2.10 |
| GBR1 | Grit Blast Room 1 | PM ₁₀ | <0.01 | <0.02 |
| KerTnks Storage | 250 and 300-gallon kerosene storage tanks | VOC(5) | <0.01 | <0.01 |
| ProTnk Storage | 1,000-gallon propane vessel | VOC(6) | <0.01 | <0.01 |

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
Also known as Facility Name.

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- (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.
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|------------------|---|
| VOC | - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1(116) [30 TAC § 101.1(116)]. |
| NO _x | - total oxides of nitrogen |
| SO ₂ | - sulfur dioxide, which includes all sulfur species related to fuel combustion. |
| PM | - particulate matter, as defined in 30 TAC § 101.1(79). |
| PM ₁₀ | - particulate matter equal to or less than 10 microns in diameter as defined in 30 TAC § 101.1(79). |
| CO | - carbon monoxide |
| TOC | - Total organic compounds of products of combustion. |
- (4) Booth4 emissions may be controlled by the cartridge filter systems associated with and emitted from either of the two EPNs Booth234 or Booth45.
- (5) Kerosene storage vessels remain authorized by Permit by Rule (PBR) 30 TAC § 106.472, incorporated here by reference. Compliance with the emissions from the storage tanks shall be determined based on the PBR, the limits listed in the maximum allowable emissions rate table (MAERT) are for information only and do not constitute an additional limit on the source.
- (6) Propane storage vessels remain authorized by PBR 30 TAC § 106.476, incorporated here by reference. Compliance with the emissions from the storage tanks shall be determined based on the PBR, the limits listed in the MAERT are for information only and do not constitute an additional limit on the source.

** Compliance with annual emission limits is based on a rolling 12-month period.

Date February 10, 2009