

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9296

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 (6) | |
|------------------------|-------------------------|--------------------------|--------------------|---------|
| | | | lbs/hour | TPY (4) |
| 1 | Aqueous Washer Heater 1 | PM | 0.02 | 0.09 |
| | | PM ₁₀ | 0.02 | 0.09 |
| | | PM _{2.5} | 0.02 | 0.09 |
| | | VOC | 0.01 | 0.06 |
| | | SO ₂ | <0.01 | 0.01 |
| | | NO _x | 0.27 | 1.18 |
| | | CO | 0.23 | 0.99 |
| 2 | Aqueous Washer Heater 2 | PM | 0.02 | 0.09 |
| | | PM ₁₀ | 0.02 | 0.09 |
| | | PM _{2.5} | 0.02 | 0.09 |
| | | VOC | 0.01 | 0.06 |
| | | SO ₂ | <0.01 | 0.01 |
| | | NO _x | 0.27 | 1.18 |
| | | CO | 0.23 | 0.99 |
| 3 | Dry-Off Oven | PM | 0.03 | 0.13 |
| | | PM ₁₀ | 0.03 | 0.13 |
| | | PM _{2.5} | 0.03 | 0.13 |
| | | VOC | 0.02 | 0.09 |
| | | SO ₂ | <0.01 | 0.01 |
| | | NO _x | 0.39 | 1.72 |
| | | CO | 0.33 | 1.44 |

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| | | | | |
|--------|--|-------------------|-------|-------|
| RTO-1 | Two Automatic Primer Booths, Two Manual Topcoat (Pre-Touchup) Booths, Two Automatic Topcoat Booths, Two Manual Topcoat (Post-Touchup) Booths, Two Manual/Automatic Clearcoat Booths, a Cure Oven, a Batch Booth, a Batch Oven, and a Solvent Still Routed to a Regenerative Thermal Oxidizer (6) | VOC | 47.68 | 10.97 |
| | | Exempt Solvent | 6.43 | 1.72 |
| | | PM | 0.05 | 0.01 |
| | | PM (5) | 1.11 | 0.59 |
| | | PM ₁₀ | 1.11 | 0.59 |
| | | PM _{2.5} | 1.11 | 0.59 |
| | | SO ₂ | 0.01 | 0.03 |
| | | NO _x | 7.31 | 6.15 |
| | | CO | 2.46 | 4.32 |
| | | VOC (5) | 0.17 | 0.28 |
| PK-1 | Paint Kitchen | VOC | 29.10 | 0.56 |
| | | Exempt Solvent | 0.09 | 0.19 |
| PREOVN | Primary Preheat Oven Stack | NO _x | 0.14 | 0.60 |
| | | CO | 0.25 | 1.09 |
| | | VOC | 0.02 | 0.11 |
| | | PM | 0.03 | 0.15 |
| | | PM ₁₀ | 0.03 | 0.15 |
| | | PM _{2.5} | 0.03 | 0.15 |
| | | SO ₂ | <0.01 | 0.01 |
| MELT-1 | Melting Furnace No. 1 Burner Stack | NO _x | 0.87 | 3.83 |
| | | CO | 1.70 | 7.46 |
| | | VOC | 0.13 | 0.57 |
| | | PM | 0.18 | 0.78 |
| | | PM ₁₀ | 0.18 | 0.78 |
| | | PM _{2.5} | 0.18 | 0.78 |
| | | SO ₂ | 0.01 | 0.06 |
| MELT-1 | Melting Furnace No. 1 Melt Fugitives (6) | PM | 1.95 | -- |
| | | PM ₁₀ | 1.17 | -- |

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| | | | | |
|-------------------|---|-------------------|-------|-------|
| | | PM _{2.5} | 0.97 | -- |
| | | HCl | 0.82 | -- |
| MELT-2 | Melting Furnace No. 2 Burner Stack | NO _x | 0.87 | 3.83 |
| | | CO | 1.70 | 7.46 |
| | | VOC | 0.13 | 0.57 |
| | | PM | 0.18 | 0.78 |
| | | PM ₁₀ | 0.18 | 0.78 |
| | | PM _{2.5} | 0.18 | 0.78 |
| | | SO ₂ | 0.01 | 0.06 |
| MELT-2 | Melting Furnace No. 2 Melt Fugitives (6) | PM | 1.95 | -- |
| | | PM ₁₀ | 1.17 | -- |
| | | PM _{2.5} | 0.97 | -- |
| | | HCl | 0.82 | -- |
| MELT-1 and MELT-2 | Total Annual Melting Furnace 1 and 2 Operations | PM | -- | 17.06 |
| | | PM ₁₀ | -- | 10.24 |
| | | PM _{2.5} | -- | 8.53 |
| | | HCl | -- | 7.18 |
| FILT BURN | Filtration Burner Stack | NO _x | 0.01 | 0.06 |
| | | CO | 0.01 | 0.05 |
| | | VOC | <0.01 | <0.01 |
| | | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| | | SO ₂ | <0.01 | <0.01 |
| BH-MELT | Melting Furnace Door Baghouse Stack | PM | 0.63 | 2.76 |
| | | PM ₁₀ | 0.63 | 2.76 |
| | | PM _{2.5} | 0.63 | 2.76 |
| DC-CROP FUG | Crop Saw Dust/Chip Collector Dust | PM | 0.04 | 0.17 |

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| | | | | |
|---------|--------------------|-------------------|------|------|
| DEGAS-1 | Degassing Unit (6) | PM ₁₀ | 0.04 | 0.17 |
| | | PM _{2.5} | 0.04 | 0.17 |
| | | HCl | 0.41 | 1.80 |
| | | PM | 0.10 | 0.45 |
| | | PM ₁₀ | 0.06 | 0.27 |
| | | PM _{2.5} | 0.05 | 0.22 |
| | | | | |
| | | | | |

- (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
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - 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
 - CO - carbon monoxide
 - HCl - hydrogen chloride
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Combustion emissions
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: July 19, 2019