

Emission Sources - Maximum Allowable Emission Rates

Permit Number 18553

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 (5) | |
|---------------------------|---|--------------------------|--------------------|---------|
| | | | lbs/hour | TPY (4) |
| PB-2 | Paint Booth 2 Stacks A, B, C, and D (6) | VOC | 111.63 | --- |
| | | Exempt Solvent | 90.16 | --- |
| | | PM | 0.01 | 0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| PB-3 | Paint Booth 3 Stacks A, B, C and D (6) | VOC | 111.63 | --- |
| | | Exempt Solvent | 90.16 | --- |
| | | PM | 0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| PB-2 and PB-3 | Paint Booths 2 and 3 [8 Stacks (6)] | VOC | --- | 90.00 |
| | | Exempt Solvent | --- | 20.00 |
| PB-5 | Paint Booth 5 | VOC | 6.98 | 2.00 |
| | | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |

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|------|---|-------------------|--------|-------|
| POVN | Part Ovens A, B, C, D, E and F (6) (Fugitive Source) | VOC | 0.01 | 0.02 |
| | | NO _x | 0.10 | 0.43 |
| | | SO ₂ | <0.01 | <0.01 |
| | | CO | 0.08 | 0.36 |
| | | PM | 0.01 | 0.03 |
| | | PM ₁₀ | 0.01 | 0.03 |
| | | PM _{2.5} | 0.01 | 0.03 |
| L-1 | Lining Station 1 | VOC | 116.27 | --- |
| | | PM | 0.01 | 0.03 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| | Lining Station 1 Heaters 1, 2, 3 and 4 POC (6) | VOC | 0.05 | 0.24 |
| | | NO _x | 0.98 | 4.29 |
| | | SO ₂ | 0.01 | 0.03 |
| | | CO | 0.82 | 3.61 |
| | | PM | 0.07 | 0.33 |
| | | PM ₁₀ | 0.07 | 0.33 |
| | | PM _{2.5} | 0.07 | 0.33 |
| L-2 | Lining Station 2 Stacks A and B (6) | VOC | 116.27 | --- |
| | | PM | 0.01 | 0.03 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| | Lining Station 2 Heaters 1, 2, 3 and 4 POC (6) | VOC | 0.05 | 0.24 |
| | | NO _x | 0.98 | 4.29 |
| | | SO ₂ | 0.01 | 0.03 |
| L-2 | Lining Station 2 Heaters 1, 2, 3 and 4 POC (6) | NO _x | 0.98 | 4.29 |
| | | SO ₂ | 0.01 | 0.03 |

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| | | | | |
|-------------|--|-------------------|-------|-------|
| | | CO | 0.82 | 3.61 |
| | | PM | 0.07 | 0.33 |
| | | PM ₁₀ | 0.07 | 0.33 |
| | | PM _{2.5} | 0.07 | 0.33 |
| L-1 and L-2 | Lining Stations 1 and 2 (6) | VOC | --- | 65.00 |
| TO | Paint Booth 6 and Lining Station 3 Routed to Rotary Concentrator/Regenerative Thermal Oxidizer | VOC | 4.96 | 21.70 |
| | | Exempt Solvent | 6.51 | 28.51 |
| | | NO _x | 0.65 | 1.79 |
| | | SO ₂ | <0.01 | <0.01 |
| | | CO | 0.31 | 0.90 |
| | | PM | 0.07 | 0.18 |
| | | PM ₁₀ | 0.04 | 0.11 |
| | | PM _{2.5} | 0.03 | 0.07 |
| FUG-1 | Stenciling Fugitive Areas A, B and C (6) | VOC | 1.38 | 2.00 |
| | | Exempt Solvent | 0.27 | 0.44 |
| GBB-1A | Grit Blast Booth 1A | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| GBB-1B | Grit Blast Booth 1B | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| GBB-2 | Grit Blast Booth 2 | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |

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|--------|--------------------|-------------------|-------|-------|
| GBB-3 | Grit Blast Booth 3 | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| GBB-4 | Grit Blast Booth 4 | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| VB-1 | Blast Booth 1 | PM | 0.02 | 0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| VB-2 | Blast Booth 2 | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| W-1 | Blast Booth 3 | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| BLR-L3 | L3 Boiler | VOC | 0.03 | 0.15 |
| | | NO _x | 0.23 | 1.02 |
| | | SO ₂ | <0.01 | 0.02 |
| | | CO | 0.52 | 2.27 |
| | | PM | 0.05 | 0.21 |
| | | PM ₁₀ | 0.05 | 0.21 |
| | | PM _{2.5} | 0.05 | 0.21 |

- (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.
Products of Combustions (POC)
- (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
 CO - carbon monoxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) The allowable emission rates include planned maintenance, startup, and shutdown activities.
- (6) Allowable emission rates represent total emissions from multiple sources as listed.

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