

Emission Sources - Maximum Allowable Emission Rates

Permit Number 118900

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) |
| STKEXH | Exhaust Stack (HCl Tank, Tin Pot, Babbitt Pot, Spinner, Tin Pot Heater, and Babbitt Pot Heater) | PM | 0.960 | 0.084 |
| | | PM ₁₀ | 0.798 | 0.071 |
| | | PM _{2.5} | 0.758 | 0.067 |
| | | VOC | 0.004 | 0.017 |
| | | NO _x | 0.071 | 0.311 |
| | | CO | 0.060 | 0.262 |
| | | SO ₂ | <0.001 | 0.002 |
| | | HCl | 2.199 | 0.805 |
| | | Sn | 0.374 | 0.030 |
| | | Sb | 0.025 | 0.002 |
| | | Cu | 0.012 | 0.001 |
| | | Pb | 0.001 | <0.001 |
| | | SnCl ₄ | 0.550 | 0.028 |
| | | CuCl ₂ | 0.006 | <0.001 |
| | | SbCl ₃ | 0.013 | <0.001 |
| | | SbCl ₅ | 0.010 | <0.001 |
| | | PbCl ₄ | <0.001 | <0.001 |
| | | NH ₃ | 0.319 | 0.016 |
| MSS-TINPOT | Exhaust Stack (Tin Pot MSS) | PM | 0.950 | 0.016 |
| | | PM ₁₀ | 0.570 | 0.009 |

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| | | | | |
|------------|------------------------------------|-------------------|-------|--------|
| MSS-BABPOT | Exhaust Stack (Babbitt Pot MSS) | PM _{2.5} | 0.475 | 0.008 |
| | | Sn | 0.950 | 0.016 |
| | | PM | 0.356 | 0.002 |
| | | PM ₁₀ | 0.214 | 0.001 |
| | | PM _{2.5} | 0.178 | 0.001 |
| | | Sn | 0.321 | 0.002 |
| | | Sb | 0.029 | <0.001 |
| | | Cu | 0.014 | <0.001 |
| | | Pb | 0.001 | <0.001 |
| | | | | |

- (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
- 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
- Sn - tin
- Sb - antimony
- Cu - copper
- Pb - lead
- SnCl₄ - tin tetrachloride
- CuCl₂ - copper chloride
- SbCl₃ - antimony trichloride
- SbCl₅ - antimony pentachloride
- PbCl₄ - lead tetrachloride
- NH₃ - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities, except as specified in Special Condition No. 10, are not authorized by this permit and will need separate authorization, unless the activity can meet the conditions of 30 TAC § 116.119.

Date: _____ Draft