

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18495

This table lists the maximum allowable emission rates of all sources of air contaminants covered by this permit. The annual emission rates (in tons per year) are based on a rolling 12-month period.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
RTO/BPS	Mirror Coating and RTO	VOC (4)	60.88	13.38
		PM ₁₀	0.04	0.02
		NO _x	2.0	0.18
		CO	3.5	13.88
		SO ₂	0.26	0.08
FUG	Mirror Coating (fugitives)			VOC
	10.74	47.13		
1	Silvering Process	NH ₃	1.05	1.05
2	Coppering Process	H ₂ SO ₄	<0.10	<0.10

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

(2) Specific point source names.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

NO_x - nitrous oxide

CO - carbon monoxide

SO₂ - sulfur dioxide

NH₃ - ammonia

H₂SO₄ - sulfuric acid

(4) The VOC hourly emission rate limit is when the oxidizer is not operating and emissions are exhausted from the bypass stack (BPS). The VOC annual emission rate limit was calculated assuming that the oxidizer is continuously operating.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>

Dated _____