

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5709

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)	Emission Rates *	
			lb/hr	TPY
5	Spray Booth Exhaust Stack	VOC	0.82	0.82
6	Sand Blasting Baghouse Stack	PM/PM ₁₀	<0.02	<0.02
10	Blending Baghouse Stack	PM/PM ₁₀	<0.02	<0.02
13	Battery Formation Scrubber Stack	NaOH	<0.07	<0.01
23	Atmospheric Gas Generator Stack (Warm-Up Mode)	PM/PM ₁₀	0.01	0.01
		NO _x	0.03	0.14
		CO	0.03	0.12
		VOC	0.01	<0.01
		SO ₂	<0.01	<0.01
24	Atmospheric Gas Generator Stack (Production Mode)	PM/PM ₁₀	0.01	0.01
		NO _x	0.03	0.14
		CO	0.03	0.12
		VOC	0.01	<0.01
		SO ₂	<0.01	<0.01
25A	Plate Drying Scrubber Stack	HNO ₃	<0.01	<0.01
25B	Plate Drying Scrubber Stack	HNO ₃	<0.01	<0.01
26A	Caustic Dip Tank Scrubber Stack	NaOH	<0.001	<0.001
26B	Caustic Dip Tank Scrubber Stack	NaOH	<0.001	<0.001
27	Cell Sealing Room Vent	Phenol	0.02	0.02

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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>
28	Clean Room HEPA Filter Stack	Cd	<0.00002	<0.0001
36	Curing Oven Stack	NO _x	0.01	0.05
		CO 0.01	0.04	
		SO ₂ <0.001	<0.001	
		PM/PM ₁₀	<0.01	<0.01
		VOC 0.001	0.003	
37	Glass Bead Blasting Baghouse Stack	PM ₁₀	0.012	0.006

(1) Emission point identification.

(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

PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter 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 - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

HNO₃ - nitric acid

NaOH - sodium hydroxide

Cd - cadmium

Dated October 3, 2006