

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 24681

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
1 and 2 Combined	Spray Booth 1 (P1), 2 (P2), and 3 (P3) combined coatings and cleaning, all booths emissions.	VOC	11.46	0.14
		PM ₁₀ (4)	0.00370	0.00057
		Chromium compounds	0.00010	0.00006
		Vanadium pentoxide	0.00003	<0.00001
3	Solar Mixing Room (M1)	PM ₁₀	0.00981	0.38229
1 and 2 Combined	Dry/cure emissions from ovens 211, 212, 213, and 230 total combined.	VOC		7.18
4, 5, and 6 Combined	Bake Out oven # 227, EPN 4, Cure/Dry oven #228, EPN 6, and Cure/dry oven #229, EPN 5, combined natural gas products of combustion (5)	VOC	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		NO _x	0.05	0.11
		CO	0.04	0.09
		SO ₂	<0.01	<0.01
BldgFug	Building fugitive emissions (6)	VOC	2.91	<0.01

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

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) 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 particulate matter greater than 10 microns is emitted. Includes all chromium, vanadium, and all other particulate matter chemical species.

Chromium Compounds - Any compound that contains chromium.

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

NO_x - nitrogen oxides

SO₂ - sulfur oxides

CO - carbon monoxide

(4) Includes all inorganic compounds, including chromium and vanadium compounds, from spray application of coatings.

(5) Products of combustion of natural gas only.

(6) Emissions of VOC from EPN BldgFug are authorized only until dry/cure ovens 211, 212, and 213 are vented to EPN 1, after that date, the VOC emissions from EPN BldgFug are not authorized (see Special Condition No. 6.C.).

Dated September 8, 2009