

Emission Sources - Maximum Allowable Emission Rates

Permit Number 104094

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	
			lbs/hour	TPY (4)
B43F921	Flare F-921	VOC	0.40	0.75
		Acetone	0.30	0.54
		CO	1.41	3.08
		NO _x	0.17	0.36
		SO ₂	0.04	0.01
		Hg	<0.01	<0.01
		Pb	<0.01	<0.01
B43SV746	Epoxy 3 Purification Process PM Scrubber Vent	PM	0.01	-
		PM ₁₀	0.01	-
B43SP722	DC-722 Baghouse Vent	PM	0.01	-
		PM ₁₀	0.01	-
B43SP725A	DC-725A Baghouse Vent	PM	0.01	-
		PM ₁₀	0.01	-
B43SP725B	DC-725B Baghouse Vent	PM	0.01	-
		PM ₁₀	0.01	-
B43SP729	DC-729 Baghouse Vent	PM	0.01	-
		PM ₁₀	0.01	-
B43SP772	DC-772 Baghouse Vent	PM	0.01	-
		PM ₁₀	0.01	-

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B43SP741	DC-741 Baghouse PM Control for Hopper Car/Truck Loading	PM	0.01	-
		PM ₁₀	0.01	-
B43CT900	CT-900 Cooling Tower	PM	0.07	-
		PM ₁₀	0.07	-
B43SV746, B43SP722, B43SP725A, B43SP725B, B43SP729, B43SP772, B43SP741 and B43CT900	Particulate Matter Emissions Source Group Cap	PM	-	1.00
		PM ₁₀	-	1.00
B43SV746	Epoxy 3 Purification Process PM Scrubber Vent	VOC	0.01	-
B43SV925	E3 Process Vents & D-581 Tank Vent	VOC	0.03	-
		Acetone	0.08	0.34
B43SV746 and B43SV925	Scrubber Emissions Source Group Cap	VOC	-	0.05
B43FU8	Process Area Fugitives (5)	VOC	0.67	2.93
		Acetone	0.04	0.18
B43MSS1	Epoxy 3 MSS Activities	VOC	8.52	0.73
		CO	1.14	0.25
		NO _x	0.17	0.03
		Hg	0.01	0.01
		Pb	0.01	0.01

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Epoxy 3 Routine Emissions Compliance Cap	VOC	1.11	3.74
	Acetone	0.41	1.05
	PM	0.08	1.00
	PM ₁₀	0.08	1.00
	CO	1.41	3.08
	NO _x	0.17	0.36
	SO ₂	0.04	0.01
	Hg	<0.01	<0.01
	Pb	<0.01	<0.01

- (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 - nitrogen oxides
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
CO - carbon monoxide
Pb - Lead
Hg - Mercury
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: July 3, 2013