

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9422

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)
344	New Bin Vent Dust Collector (6)	Acetone	14.07	23.09
		PM ₁₀	0.02	0.02
		VOC	23.66	37.20
567	No. 1 Reactor Seed Bed Conveying	PM ₁₀	1.35	0.01
573	Resin Recycling Vessel Filter Vent	Acetone	0.01	0.01
		PM ₁₀	0.01	0.02
		VOC	0.02	0.08
574	Pellet Dryer	Acetone	0.05	0.11
		PM ₁₀	0.07	0.23
		VOC	1.69	2.71
574-ST	Pellet Surge Tank Vent	PM ₁₀	0.07	0.23
575	Dust Arrestor No. 5 Pellet Loading (6)	PM ₁₀	0.05	0.23
576	Dust Arrestor No. 7 Pellet Loading (6)	PM ₁₀	0.10	0.23
577	Dust Collector Pellet Loading (6)	PM ₁₀	0.01	0.01
579	Analyzer Vent	VOC	0.48	2.09

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580	Flare	Acetone	0.26	0.57
		CO	171.28	78.82
		NOX	43.01	9.26
		SO2	0.09	0.15
		VOC	145.46	50.12
777	SCA Feed Pot	VOC	0.17	0.01
779	Liquid Peroxide Tank	VOC	0.25	0.30
1011	Mixer Feed Hopper Vent	Acetone	0.01	0.04
		PM ₁₀	0.01	0.02
		VOC	0.40	1.76
1012	Vacuum Cleaner	PM ₁₀	0.01	0.03
1018	Additive Dump Station	PM ₁₀	0.03	0.01
1019	Mastermix Blender 7217	Acetone	0.01	0.01
		PM ₁₀	0.01	0.01
		VOC	0.01	0.04
1020	Mastermix Blender 7218	Acetone	0.01	0.01
		PM ₁₀	0.01	0.01
		VOC	0.01	0.04
1033	TEAL Seal Pot	VOC	0.01	0.01
1034	Screen Pack Cleaner	PM ₁₀	0.02	0.01
		VOC	0.99	0.73
1036	Dilute SCA Feed Pot	VOC	0.05	0.01
1037	Catalyst Slurry Feed Tank	VOC	0.23	0.01

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1038	Reactor No. 1 Bed Drying Vent	PM ₁₀	0.03	0.01
1087	Hopper Car Loading Spot (5)	PM ₁₀	0.01	0.01
578	Process Fugitives (5)	VOC	12.46	51.78
		Acetone	0.01	0.04

- (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
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (6) Acetone and VOC emissions may be emitted from EPNs 344, 575, 576, 577, and 1087 but the total is accounted for under EPN 344.

Date: January 31, 2013