

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3373

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 Rates *	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)		Name	
(3)	lb/hr	TPY		
05FUG	Fugitives (4)	VOC	17.9	73.7
05COM-013	Recycle Compressor Engine 1.1	PM ₁₀		0.3
		VOC	0.6	2.7
		NO _x	15.3	67.0
		CO	2.2	9.4
05COM-014	Recycle Compressor Engine 1.1	PM ₁₀		0.3
		VOC	0.6	2.7
		NO _x	15.3	67.0
	CO	2.2	9.4	
05COM-015	Purge Compressor Engine	PM ₁₀	0.2	0.7
		VOC	0.4	1.7
		NO _x	9.7	42.6
		CO	1.4	6.0
05COM-016	Purge Compressor Engine	PM ₁₀	0.2	0.7
		VOC	0.4	1.7
		NO _x	9.7	42.6
		CO	1.4	6.0
05COM-017	Makeup Compressor Engine 0.7	PM ₁₀		0.2

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Point No. (1)	Name (2)		Name	
(3)	lb/hr	TPY		
		VOC	0.4	1.7
		NO _x	9.7	42.6
		CO	1.4	6.0
05TFL-018	Vinyl Acetate Tank	VOC	0.17	0.46
05LTR-019	Propane Unloading	VOC	2.4	0.06
05LTR-020	Propylene Unloading	VOC	2.2	0.05
05CLT-021	Cooling Tower	VOC	7.5	4.9
05TFL-022	Recycle Vinyl Acetate Tank	VOC	0.12	0.29
05LTR-022A	Butyl Acrylates Unloading <0.01	VOC		<0.01
05TFL-023	Recycle Vinyl Acetate Tank	VOC	0.11	0.35
05LRC-029	Pellet Loading	PM ₁₀	1.0	4.0
05INC-030	Thermal Abater	VOC	16.7	18.5
		NO _x	15.0	33.0
		CO	20.0	60.0
		Acetone	0.02	0.09
05LRC-031	Vinyl Acetate Rail Unloading	VOC	0.03	<0.01
05LRC-032	Recycle VA Rail Loading	VOC	0.03	<0.01
05SMP-034	Lube Oil Sump	VOC	0.22	0.07

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<u>Point No. (1)</u>	<u>Name (2)</u>		<u>Name</u>	
<u>(3)</u>	<u>lb/hr</u>	<u>TPY</u>		
05DMP-034A	Lube Oil Dumpster	VOC	0.19	0.03
05ANL-035	GC Analyzer Vents	VOC	<0.01	<0.01
05LTR-036	Vinyl Acetate Truck Unloading	VOC	<0.01	<0.01
05TFX-037	Mineral Spirits Tank	VOC	0.01	<0.01

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Point No. (1)	Name (2)		Name	
(3)	lb/hr	TPY		
05LTR-037A	Mineral Spirits Truck Unloading	VOC	<0.01	<0.01
05TFX-038	SONN Lube Oil Tank	VOC	<0.01	<0.01
05LTR-038A	SONN Lube Oil Unloading	VOC	<0.01	<0.01
05TFX-039	A4V4 Lube Oil Tank	VOC	<0.01	<0.01
05LTR-039A	A4V4 Lube Oil Truck Unloading	VOC	<0.01	<0.01
05FLR-040	F Unit Flare	VOC	61.0	25.4
		NO _x	6.2	2.5
		CO	44.6	18.3
04LTR-041A	Acids Truck Unloading	VOC	<0.01	<0.01
05LRC-041B	Acids Rail Unloading	VOC	<0.01	<0.01
05LTR-043A	Waste Acid Truck Loading <0.01		VOC	0.02
05TFX-047	Inhibitor Tank	VOC	0.23	<0.01
05SEP-051	CPI Oil Separator	VOC	<0.01	<0.01
05DMP-051A	CPI Oil Dumpster	VOC	<0.01	<0.01
05TFX-052	Glycerin Storage Tank	VOC	0.04	<0.01
05SEP-053	Initiator Separator Tank <0.01		VOC	<0.01

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- (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) 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.
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day_____Days/week_____Weeks/year_____or Hrs/year 8,760

Dated_____