

# 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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
05FLR-010	Cain Flare (Maintenance Purge)	VOC	105.0	29.0
		NO <sub>x</sub>	5.0	1.4
		CO	23.0	6.6
05FLR-010A	Cain Flare (Telogen Purge)	VOC	105.0	29.0
		NO <sub>x</sub>	5.0	1.5
		CO	23.0	6.7
05COM-013	Recycle Compressor Engine	NO <sub>x</sub>	18.7	70.0
		CO	2.4	10.0
05COM-014	Recycle Compressor Engine	NO <sub>x</sub>	18.7	70.0
		CO	2.4	10.0
05COM-015	Purge Compressor Engine	NO <sub>x</sub>	10.7	47.0
		CO	1.5	6.0
05COM-016	Purge Compressor Engine	NO <sub>x</sub>	10.7	47.0
		CO	1.5	6.0
05COM-017	Makeup Compressor Engine	NO <sub>x</sub>	10.7	47.0
		CO	1.5	6.0
05TFL-018	Vinyl Acetate Tank	VOC	0.2	0.5
05LTR-019	Propane Unloading	VOC	2.4	0.06
05LTR-020	Propylene Unloading	VOC	2.2	0.05
05CLT-021	Cooling Tower	VOC	1.0	3.0

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES				
05TFL-022	Recycle Vinyl	VOC	0.2	0.5
	Acetate Tank			

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
05TFL-023	Recycle Vinyl Acetate Tank	VOC	0.2	0.5
05SFD-024	Aqueous Spray Waste Field	VOC	0.92	3.4
05BIN-026	Wax Waste	VOC	7.8	6.5
05LRC-029	Pellet Loading	PM	<1.0	4.0
05INC-030	Fume Incinerator	VOC	32.3	67.1
		NO <sub>x</sub>	15.0	33.0
		CO	20.0	60.0
05LTR-031	Vinyl Acetate Unloading	VOC	0.3	0.13
05FUG	Fugitives (4)	VOC	21.4	93.7
05LRC-032	Rec VA Rail Loading Hose Emissions	VOC	0.21	<0.01
05DMP-033A	VA Dumpster	VOC	0.53	0.08
05SMP-034	Lube Oil Sump	VOC	0.05	<0.01
05DMP-034A	Lube Oil Dumpster	VOC	<0.01	<0.01
05TFX-034B	Lube Oil Tank	VOC	<0.02	<0.02
05ANL-035	GC Vents	VOC	<0.01	<0.01
05LTR-034C	Lube Oil Loading	VOC	<0.02	<0.01
05LTR-036	FR VA TR Load	VOC	<0.03	<0.01

05TFX-037	Mineral Spirits Tank	VOC	<0.01	<0.01
05LTR-037A	Mineral Spirits Unloading	VOC	<0.03	<0.01

#### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
05TFX-038	SONN Lube Oil Tank	VOC	<0.01	<0.01
05LTR-038A	SONN Lube Oil Unloading	VOC	0.03	<0.01
05TFX-039	A4V4 Lube Oil Tank	VOC	<0.01	<0.01
05LTR-039A	A4V4 Oil TR Unloading	VOC	0.03	<0.01
05SMP-033	VA Sump	VOC	6.2	1.8

- (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 General Rule 101.1  
PM - particulate matter  
NO<sub>x</sub> - 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\_\_\_\_\_

