

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5562A

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		Air Contaminant		<u>Emission Rates*</u>	
	Name (2)	Name (3)	lb/hr	TPY		
500	Styrene Storage			VOC	4.05	2.02
505	Water Drainage			VOC	2.74	12.00
514	Reject Crumb Shaker			VOC	0.06	0.25
517	Solvent KO Tank			VOC	0.01	<0.01
518	Pellet Losses			VOC	14.47	63.38
520	Valve Fugitives (4)			VOC	3.57	15.66
521	Pump Fugitives (4)			VOC	0.28	1.22
522	Relief Valve Fugitives (4)			VOC	0.23	0.99
523	Cooling Tower (4)			VOC	0.84	3.67
524	Process Flare (5)			VOC	36.38	26.42
				NOx	2.31	1.76
				CO	11.78	9.02
525	Blending and Storage			PM	0.02	0.08
526	Bagging and Loading			PM	0.01	0.02
528	Flange Fugitives (4)			VOC	6.12	26.82
534	TNPP Tank			VOC	1.69	0.12
535	Coupling Agent Tank			VOC	0.20	0.01

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	TPY
536	Solvent Recovery Flare	VOC	1.82	7.97
		NOx	0.46	2.01
		CO	2.34	10.26
600	Solvent Storage Tank	VOC	0.52	2.26
601	Solvent Storage Tank	VOC	0.34	1.49

- (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
 NOx - total oxides of nitrogen
 CO - carbon monoxide
 PM - particulate matter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Flare emissions attributable to the K-Resin Plant. Total emissions for this flare are VOC: 44.02 TPY; NOx: 2.94 TPY; CO: 15.27 TPY.

* 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_____