

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3046

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)	Emission Rates *	
			lb/hr	TPY**
320T671-6	Phenol Storage Tank	Phenol	4.36	0.52
57K7	Wastewater Tank	Phenol	0.01	0.01
		VOC 0.01	0.01	
57T11	DPO Storage Tank	DPO	0.72	(5)
57T16	DPO Storage Tank	DPO	0.72	(5)
57T32 (formerly 58T1)	DPO Storage Tank	DPO	0.72	(5)
57T35 (formerly 58T5)	DPO Storage Tank	DPO	0.72	(5)
57E22	Condenser	DPO	4.21	0.03
		Phenol	3.14	0.31
		VOC <0.01	<0.01	
57K1	Regen Vent, Trains 1 and 2	CO	70.00	21.00
		Phenol	1.00	0.55
		DPO	0.03	0.02
57T20	Wastewater Sump (Maintenance)	Phenol	<0.01	<0.01
		DPO	<0.01	<0.01
		VOC <0.01	<0.01	
57T21	Wastewater Sump (Maintenance)	Phenol	<0.01	<0.01
		DPO	<0.01	<0.01
		VOC <0.01	<0.01	
DPO-FUG	Fugitives (4)	Phenol	0.17	0.73
		DPO 0.01	0.01	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
PHENOL-FUG	Distribution Area Fugitives (4)	0.001	Phenol	0.003
PHENOL-TRANSFER-FUG	Distribution Transfer Area Fugitives (4)	0.001	Phenol	0.0003
DPO-LOAD	Loading System	DPO	0.33	0.04
PHENOL-UNLOAD	Phenol Tank Car Heating	Phenol	0.11	0.11
323T12	Unloading Line Liquid Catch Tank	Phenol	0.01	<0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide  
DPO - diphenyl oxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The total emission for these tanks are 0.03 ton/year.

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

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

\_\_\_\_\_Hrs/day \_\_\_\_Days/week \_\_\_\_Weeks/year or 8,760 Hrs/year

Dated November 23, 2004