

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3715A

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

Multi-Purpose Emission Sources

C-809	Dust Collector	PM ₁₀	0.68	2.96
ED-412	Water/Caustic Scrubbers	VOC	15.93	9.39
		HCl	3.02	0.01
		Hydrazine	0.09	0.01
		NH ₃ +	2.74	4.52
ESJ-118A	Tank SJ-118A	VOC	1.13	0.03
FUG-1	Fugitives (4)	VOC	1.52	6.66
		Cl ₂	0.01	0.06
		Hydrazine	0.16	0.69
		NH ₃ +	0.16	0.70
EK-830	Cooling Tower	VOC	0.32	1.40

Packout Emission Sources

K-1891	Tank B-246-A, B-253-A, and J-221 Carbon Drum	VOC	0.60	0.12
K-255	Tank B-255 Carbon Drum	VOC	0.20	0.01
B-256	Storage Tank	VOC	4.10	0.16
B-257	Storage Tank	VOC	4.10	0.16
B-258	Storage Tank	VOC	4.10	1.93
B-259	Storage Tank	VOC	4.10	1.93

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
B-260	Storage Tank	VOC	0.27	0.02
K-1890	Tank J-1874, 1875, and 1879 Carbon Drum	VOC	0.15	0.07
K-1878	Tank J-1878 Carbon Drum	VOC	0.16	0.01
K-1892	Tank J-1880 Carbon Drum	VOC	0.20	0.01
K-1881	Tank J-1881 Carbon Drum	VOC	0.06	0.01
K-1882	Tank J-1882 Carbon Drum	VOC	0.06	0.01
J-218	Storage Tank	VOC	5.12	0.53
J-219	Storage	VOC	5.12	0.26
J-220	Storage Tank	VOC	4.92	0.23
B-246-B	Storage Tank	VOC	4.10	1.92
B-253-B	Storage Tank	VOC	4.10	1.92
E-1800TKF	PO Piping Fugitives (4)	VOC	0.06	0.31
E-1800LF	PO Loading Fugitives (4)	VOC	6.38	0.40
ED-173	HCl Tank	HCl	0.95	0.001

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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) PM_{10} - particulate matter (PM) equal 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 Title 30 Texas Administrative Code Section 101.1
HCl - hydrogen chloride
 NH_3 - ammonia
 Cl_2 - chlorine
 - (4) Fugitive emissions are an estimate only.
- * 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 February 27, 2002