

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6068

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
JAU1A	Fugitives (4)	VOC	0.02	0.08
		NH <sub>3</sub>	0.03	0.11
JAU1B	Fugitives (4)	VOC	0.02	0.08
		NH <sub>3</sub>	0.03	0.11
JAU1I	Fugitives (4)	VOC	0.06	0.28
		NH <sub>3</sub>	0.04	0.16
JAU3	Fugitives (4)	VOC	0.07	0.31
		NH <sub>3</sub>	0.06	0.28
LG5	Steam Jet Exhaust	VOC	0.30	0.97
		NH <sub>3</sub>	0.78	2.50
RA22	Flare R-A-22	VOC	6.17	4.28
		NH <sub>3</sub>	4.63	3.72
		CO	4.71	0.79
		NO <sub>x</sub>	6.93	5.62

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			lb/hr	TPY
RAIL	Railcar Loading	VOC (5)	0.17	0.05
RE22	Drum Loading/Loading Incinerator 0.02		VOC	0.02
TRUCK	Tank Car Loading	VOC (5)	0.40	0.05
T1	Tank T-1	VOC	0.35	0.02
T2	Tank T-2	VOC	0.27	0.02
TB1	Tank T-B-1	VOC	0.30	0.02
TB7	Tank T-B-7	VOC	0.30	0.02
TB21	Tank T-B-21	VOC	0.01	0.01
TB22	Tank T-B-22	VOC	0.01	0.01
TB24	Tank T-B-24	VOC	0.03	0.01
TC5	Tank T-C-5	VOC	0.01	0.01
TE39	Tank T-E-39	VOC	0.26	0.01
TE47	Tank T-E-47	VOC	0.26	0.01
TE48	Tank T-E-48	VOC	0.26	0.01
TE50	Tank T-E-50	VOC	0.26	0.01
TE53	Tank T-E-53	VOC	0.26	0.06
TE55	Tank T-E-55	VOC	0.27	0.01

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			lb/hr	TPY
TE60	Tank T-E-60	VOC	0.26	0.02
TE62	Tank T-E-62	VOC	0.26	0.04
TE70	Tank T-E-70	VOC	0.26	0.02
TE71	Tank T-E-71	VOC	0.26	0.02
TE73	Tank T-E-73	VOC	0.26	0.01
TE77	Tank T-E-77	VOC	0.02	0.01
TE78	Tank T-E-78	VOC	0.02	0.01
TE79	Tank T-E-79	VOC	0.26	0.02
TE110	Tank T-E-110	VOC	0.26	0.12
TE111	Tank T-E-111	VOC	0.26	0.11
TE114	Tank T-E-114	VOC	0.26	0.02
TE118	Tank T-E-118	VOC	0.26	0.02
TE125	Tank T-E-125	VOC	0.01	0.01
TG24	Tank T-G-24	VOC	0.24	0.01
TG25	Tank T-G-25	VOC	0.24	0.01
TG28	Tank T-G-28	VOC	0.27	0.03
TG45	Tank T-G-45	VOC	0.26	0.03

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			lb/hr	TPY
TG47	Tank T-G-47	VOC	0.26	0.05
TG48	Tank T-G-48	VOC	0.29	0.07
TG49	Tank T-G-49	VOC	0.29	0.07
TG50	Tank T-G-50	VOC	0.27	0.02
TG51	Tank T-G-51	VOC	0.27	0.02
TG52	Atmospheric Vent Scrubber	VOC	0.03	0.01
TG53	Tank T-G-53	VOC	0.29	0.08
TG56	Tank T-G-56	VOC	0.27	0.07

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			lb/hr	TPY
TG57	Tank T-G-57	VOC	0.27	0.07
TG58	Tank T-G-58	VOC	0.27	0.07
TG59	Tank T-G-59	VOC	0.27	0.07
TK2	Tank Fugitive Area (4)	VOC	0.01	0.01
TK3	Tank Fugitive Area (4)	VOC	0.01	0.03
TK4	Tank Fugitive Area (4)	VOC	0.01	0.04

TK5	Tank Fugitive Area (4)	VOC	0.01	0.04
TK6	Tank Fugitive Area (4)	VOC	0.01	0.01
TK10	Tank Fugitive Area (4)	VOC	0.01	0.03

- (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 Title 30 Texas Administrative Code Section 101.1
  - NH<sub>3</sub> - ammonia
  - CO - carbon monoxide
  - NO<sub>x</sub> - total oxides of nitrogen
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The maximum combined annual VOC emissions from EPN. RAIL and TRUCK shall not exceed 0.05 tpy.

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

Hrs/year 8,760

Dated December 27, 2001