

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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)	Emission Rates	
			lb/hr	TPY
TG52	Atmospheric Vent Scrubber	VOC	0.05	0.22
TE70	Tank T-E-70	VOC	0.81	0.05
TE71	Tank T-E-71	VOC	0.81	0.05
TE72	Tank T-E-72	VOC	0.83	0.01
TE73	Tank T-E-73	VOC	0.81	0.03
TE13	Tank T-E-13	VOC	0.81	0.07

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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>
TE22	Tank T-E-22	VOC	0.81	0.07
TE39	Tank T-E-39	VOC	0.81	0.03
TE61	Tank T-E-61	VOC	0.81	0.04
TE62	Tank T-E-62	VOC	0.81	0.12
TE110	Tank T-E-110	VOC	0.81	0.38
TE111	Tank T-E-111	VOC	0.81	0.34
TE114	Tank T-E-114	VOC	0.81	0.07
TE50	Tank T-E-50	VOC	0.81	0.04
TE53	Tank T-E-53	VOC	0.36	0.17
TE60	Tank T-E-60	VOC	0.81	0.06
TE79	Tank T-E-79	VOC	0.81	0.06
TG43	Tank T-G-43	VOC	0.03	<0.01
TG45	Tank T-G-45	VOC	0.19	0.15
TG47	Tank T-G-47	VOC	0.56	0.12
TG48	Tank T-G-48	VOC	0.81	0.20
TG49	Tank T-G-49	VOC	0.81	0.20
TG50	Tank T-G-50	VOC	0.18	0.06
TG51	Tank T-G-51	VOC	0.81	0.06
TG24	Tank T-G-24	VOC	0.18	0.04

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			lb/hr	TPY
TG25	Tank T-G-25	VOC	0.18	0.04
TG26	Tank T-G-26	VOC	0.40	0.06
TG27	Tank T-G-27	VOC	0.40	0.06
TG28	Tank T-G-28	VOC	0.19	0.10
TG53	Tank T-G-53	VOC	0.28	0.14
TG56	Tank T-G-56	VOC	0.81	0.20
TG57	Tank T-G-57	VOC	0.81	0.20
TG58	Tank T-G-58	VOC	0.81	0.20
TG59	Tank T-G-59	VOC	0.81	0.20
Rail	Railcar Loading (5)	VOC	0.94	
Truck	Tank Car Loading (5)	VOC	3.74	
Rail	Rail and Tank Car Loading (5, 6)	VOC		0.54
JAUIA	Fugitives (4)	VOC	0.02	0.11
		NH ₃	0.04	0.16
JAUIB	Fugitives (4)	VOC	0.11	0.11
		NH ₃	0.04	0.16

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			lb/hr	TPY
JAU11	Fugitives (4)	VOC	0.04	0.16
		NH ₃	0.05	0.22
TK2	Tank Fugitive Area (4,7)	VOC	0.01	0.04
TK3	Tank Fugitive Area (4,7)	VOC	<0.01	0.02
TK4	Tank Fugitive Area (4,7)	VOC	<0.01	0.02
TK5	Tank Fugitive Area (4,7)	VOC	0.01	0.04
TK10	Tank Fugitive Area (4,7)	VOC	0.01	0.03
RA22	Flare	VOC	0.76	3.35
		NO _x	1.37	4.29
		NH ₃	1.06	3.37
LG5	Vacuum System	VOC	0.22	0.97
		NH ₃	0.57	2.50

(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

NH₃ - ammonia

NO_x - nitrogen oxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Loading emissions from Jeffamine products only.

(6) Combined annual emissions from the railcar and tank car loading

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

shall not exceed this amount on an annual basis.

(7) Emissions noted are attributable only to sources authorized in this permit (JAUI/II) do not represent all fugitive emissions from these emission point numbers.

* 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 _____