EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1295

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
094	Flare	VOC	4.63	1.40
		NO_x	6.22	3.02
		CO	1.99	6.44
110	A-573	PM_{10}	0.34	1.50
111	A-574	PM_{10}	0.86	3.75
152	T-605-1 Scrubber	HCl	2.95	0.03
191	T-126 Decanter	VOC	2.30	0.31
215	H-302 Heater	VOC	0.01	0.02
		NO_x	0.27	0.39
		SO_2	<0.01	<0.01
		CO	0.06	0.08
		PM_{10}	0.03	0.05
248	T-563 Filter Feed	VOC	0.04	0.01
250	H-500 Heater	VOC	0.01	0.02
		NO_x	0.27	0.39
		SO_2	<0.01	<0.01
		CO	0.06	0.80
		PM_{10}	0.03	0.05
260	T-138 Decanter	VOC	2.30	0.31
261	T-510 Decanter	VOC	2.30	0.31
262	T-511 Decanter	VOC	2.30	0.31

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
263	T-512	VOC	0.04	0.67
		NH_3	<0.01	<0.01
264	T-513 Decanter	VOC	2.30	0.31
278	T-557	HNO_3	0.01	<0.01
284	A-316/A-317	VOC	0.31	0.13
		NH_3	0.16	0.05
285	T-598	VOC	<0.01	<0.01
301	A-517-1 Baghouse (Rail, Truck)	PM_{10}	0.05	0.23
302	A-563/A-564 Baghouse	PM_{10}	0.14	0.60
305	H-501 Heater	VOC	0.01	0.02
		NO_x	0.27	0.39
		SO_2	<0.01	<0.01
		CO	0.06	0.08
		PM_{10}	0.03	0.05
307	T-546-2/T-580-2 Baghouse	PM_{10}	0.04	0.18
311	P-593 Vacuum Pump	VOC	0.09	0.33
		NH_3	0.86	3.14
319	P-590 Belt Filter	VOC	0.02	0.07
		NH_3	0.04	0.13
320	Abator	CO	3.14	4.68
		NH_3	1.17	0.18

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		NO_x	11.11	9.59
		PM_{10}	0.22	0.59
		SO_2	0.10	0.30
		VOC	17.52	3.26
400	M-6260	PM	0.43	0.42
401	D-6217	Polyethylene Glycol	1.77	<0.01
402	Superheater	VOC	0.01	0.05
		NO_x	0.18	0.79
		CO	0.08	0.35
		SO_2	<0.01	0.01
		PM	0.04	0.16
403	Incinerator	VOC	0.91	0.33
		NO_x	6.00	2.65
		CO	8.00	3.73
		SO_2	<0.01	<0.01
		PM	1.89	1.52
		Silicones	0.28	0.11
527	M-6301 Bag Filter	PM_{10}	0.05	0.23
528	M-6306 Bag Filter	PM_{10}	0.03	0.13
529	M-6402 Dust Collector	PM_{10}	0.51	2.25
530	B-6359	VOC	0.02	0.08
		NO_x	0.22	0.90
		CO	0.10	0.41
		SO_2	<0.01	<0.01
		PM_{10}	0.03	0.11
531	B-6369	VOC	0.02	0.08
		NO_x	0.22	0.90
		CO	0.10	0.41

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		SO_2	<0.01	<0.01
		PM_{10}	0.03	0.11
532	F-6322 Storage Tank	NH_4NO_3	<0.01	<0.01
533	F-6323 Storage Tank	NH_4NO_3	<0.01	<0.01
534	T-548 Wastewater Equalization Tank	NH_4NO_3	<0.01	<0.01
535	F-6321 Wastewater Equalization Tank	NH_4NO_3	<0.01	<0.01
537	Emission Reduction Unit	CO	20.40	89.37
		NH_3	5.77	1.88
		NO_x	54.80	17.85
		PM_{10}	0.33	1.44
		SO_2	0.03	0.11
		VOC	16.59	1.66
F-5	Fugitive Area F-5 (4)	VOC	<0.01	<0.01
F-6	Fugitive Area F-6 (4)	VOC	0.03	0.12
		PM_{10}	0.02	<0.01
		NH_3	0.06	0.27
F-7	Fugitive Area F-7 (4)	VOC	0.07	0.29
F-8	Fugitive Area F-8 (4)	VOC	0.09	0.31
F-14	Fugitive Area F-14 (4)	VOC	0.24	0.74
		PM_{10}	0.25	0.19
		NH_3	<0.01	0.01
F-15	Fugitive Area F-15 (4)	VOC	0.01	0.02

(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)   VOC   - volatile organic compounds as defined in 30 Texas Administrative Code Section

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

101.1

NO_x - total oxides of nitrogen

CO - carbon monoxide

PM - particulate matter, suspended in the atmosphere, including PM_{10}.

PM_{10} - particulate matter 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.

SO_2 - sulfur dioxide

HCl - hydrogen chloride

NH_3 - ammonia

HNO_3 - nitric acid

NH_4NO_3 - ammonium nitrate

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

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

_____ Hrs/day _____ Days/week _____ Weeks/year or __8,760__ Hrs/year

Dated _____