EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3275A

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***
RD-250	Plant Flare	VOC	16.84	11.08
		NO_x	2.21	6.79
		SO_2	5.02	0.21
		CO	11.04	48.34
FA-013	Scrubber, A-Plant (5)	VOC	19.69**	1.37**
		Acids/Bases	0.20	0.10
	Total Storage Tank	VOC	20.45	1.97
		Acid/Alkali	0.53	0.01
TB-994	Storage Tank (7)	VOC		
TB-995	Storage Tank (7)	VOC		
TB-996	Storage Tank (7)	VOC		
TB-997	Storage Tank (7)	VOC		
TB-998	Storage Tank (7)	VOC		
TC-988	Storage Tank (7)	VOC		
TC-989	Storage Tank (7)	VOC		
TD-950	Storage Tank (7)	VOC		
TD-951	Storage Tank (7)	VOC		
TD-953	Storage Tank (7)	VOC		
TD-978	Storage Tank (7)	VOC		
TD-990	Storage Tank (7)	VOC		

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***
TD-991	Storage Tank (7)	VOC		
TD-992	Storage Tank (7)	VOC		
TD-993	Storage Tank (7)	VOC		
TE-800	Storage Tank (7)	VOC		
TE-803	Storage Tank (7)	VOC		
TE-804	Storage Tank (7)	VOC		
TE-906	Storage Tank (7)	VOC		
TE-907	Storage Tank (7)	VOC		
TE-908	Storage Tank (7)	VOC		
TE-909	Storage Tank (7)	VOC		
TE-910	Storage Tank (7)	VOC		
TE-911	Storage Tank (7)	VOC		
TE-912	Storage Tank (7)	VOC		
TE-913	Storage Tank (7)	VOC		
TE-918	Storage Tank (7)	VOC		
TE-919	Storage Tank (7)	VOC		
TE-920	Storage Tank (7)	VOC		
TE-921	Storage Tank (7)	VOC		
TE-922	Storage Tank (7)	VOC		
TE-923	Storage Tank (7)	VOC		

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***
TE-924	Storage Tank (7)	VOC		
TE-925	Storage Tank (7)	VOC		
TE-926	Storage Tank (7)	VOC		
TE-927	Storage Tank (7)	VOC		
TE-928	Storage Tank (7)	VOC		
TE-929	Storage Tank (7)	VOC		
TE-931	Storage Tank (7)	VOC		
TE-932	Storage Tank (7)	VOC		
TE-933	Storage Tank (7)	VOC		
TE-934	Storage Tank (7)	VOC		
TE-935	Storage Tank (7)	VOC		
TE-936	Storage Tank (7)	VOC		
TE-937	Storage Tank (7)	VOC		
TE-938	Storage Tank (7)	VOC		
TE-939	Storage Tank (7)	VOC		
TE-940	Storage Tank (7)	VOC		
TE-941	Storage Tank (7)	VOC		
TE-945	Storage Tank (7)	VOC		
TE-946	Storage Tank (7)	VOC		
TE-947	Storage Tank (7)	VOC		

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***
TE-948	Storage Tank (7)	VOC		
TE-949	Storage Tank (7)	VOC		
TE-960	Storage Tank (7)	VOC		
TE-961	Storage Tank (7)	VOC		
TE-962	Storage Tank (7)	VOC		
TE-963	Storage Tank (7)	VOC		
TE-964	Storage Tank (7)	VOC		
TE-965	Storage Tank (7)	VOC		
TE-966	Storage Tank (7)	VOC		
TE-967	Storage Tank (7)	VOC		
TE-968	Storage Tank (7)	VOC		
TE-970	Storage Tank (7)	VOC		
TE-971	Storage Tank (7)	VOC		
TE-972	Storage Tank (7)	VOC		
TE-973	Storage Tank (7)	VOC		
TE-974	Storage Tank (7)	VOC		
TE-975	Storage Tank (7)	VOC		
TE-980	Storage Tank (7)	VOC		
TE-981	Storage Tank (7)	VOC		
TE-982	Storage Tank (7)	VOC		

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***
TE-983	Storage Tank (7)	VOC		
TE-984	Storage Tank (7)	VOC		
TE-985	Storage Tank (7)	VOC		
TE-986	Storage Tank (7)	VOC		
TE-987	Storage Tank (7)	VOC		
TD-001	Diesel Tank (fire water)	VOC	0.03	<0.01
TD-004	Diesel Storage Tank	VOC	0.11	<0.01
TD-005	Gasoline Storage Tank	VOC	3.50	0.05
TD-953	Caustic Storage Tank	NaOH	<0.01	<0.01
TE-805	A4G200 Storage Tank	VOC	<0.01	<0.01
	Total Loading Emissions (5) (8)		VOC 4.99	11.84
LD-A	Plant-A Drum/Tote Loading (8)	VOC		
LD-B	Plant B Drum/Tote Loading (8)	VOC		
LD-C	Plant C Drum/Tote Loading (8)	VOC		
RAIL	Rail Loading (8)	VOC		
STRUCK	South Truck Loading (8)	VOC		
WTRUCK	West Truck Loading (8)	VOC		
PLNTFUG	Plant Fugitives	VOC	1.11	4.85
		PM	0.02	0.02
		Acids/Bases	0.04	0.17

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***
HTR-A	A-Hot Oil Heater	VOC	0.03	0.12
		NO_x	0.50	2.19
		SO_2	0.01	0.01
		PM	0.04	0.17
		CO	0.42	1.84
HTR-B	B-Hot Oil Heater	VOC	0.01	0.05
		NO_x	0.20	0.88
		SO_2	0.01	0.01
		PM	0.02	0.07
		CO	0.17	0.74
BLR-A	A-Plant Boiler	VOC	0.05	0.20
		NO_x	0.84	3.67
		SO_2	0.01	0.02
		PM	0.06	0.28
		CO	0.70	3.08
BLR-B	B-Plant Boiler	VOC	0.08	0.35
		NO_x	1.47	6.42
		SO_2	0.01	0.04
		PM	0.11	0.49
		CO	1.23	5.39
UD-556	A-Plant Cooling Tower	VOC	0.04	0.18
		PM	0.10	0.27
UB-551	B-Plant Cooling Tower	VOC	0.04	0.18
		PM	0.10	0.27
TD-3100	Wastewater Storage Tank	VOC		
MAINSUMP	Wastewater Sump	VOC		
TD-954A	Wastewater Effluent Mod Tank	VOC		

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***
TD-954B	Wastewater Effluent Mod Tank	VOC		
TD-3200A	Contingency WW Tank	VOC		
TD-3200B	Contingency WW Tank	VOC		
TD-3300	Contingency WW Tank	VOC		
TD-3400	Contingency WW Tank	VOC		
TD-3500	Contingency WW Tank	VOC		
TD-3600	Contingency WW Tank	VOC		
TD-3700	Contingency WW Tank	VOC		
ALL WASTEWATER SOURCES		VOC	1.21	0.31
PROPANETK1	Propane Tank	VOC	0.01	0.01
DEGSR-01	Solvent Degreaser	VOC	1.34	0.06
	Sitewide VOCs	Total VOCs		20.00
	Sitewide HAPs	Total HAPs		20.00
	Individual HAPS			9.9

(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 ' 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
CO - carbon monoxide
EO - ethylene oxide

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***

PO - propylene oxide
BO - butylene oxide
HAPS - hazardous air pollutants
NaOH - sodium hydroxide

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

(5) Depending upon the Impacts Index which is defined in Special Condition No. 5, compounds will be vented either to the atmosphere at the individual tanks or loading spots or to the Scrubber (EPN APLNTSCB).

(6) WWS Carbon Absorbers WWC-1 through WWC-10 emissions is accounted for under the total WWS carbon adsorber emissions.

(7) Storage Tanks TB-994 through TE-987 emissions is accounted for under the total storage tank emissions.

(8) Loading Spots LD-A, LD-B, LD-C, RAIL, STRUCK, and WTRUCK emissions are accounted for under the total loading emissions.

* 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

** These scrubber emissions do not include potential emissions from tanks and loading that are vented through the scrubber. Controlled storage tank and loading emissions are accounted for under the annual total storage tank emissions and the annual total loading emissions.

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

Dated February 16, 2009