

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

DRAFT EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 25299

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**
113F	AE Unit Equipment Fugitives (4)	VOC	2.02	8.83
113V1226	Tank 1226	VOC	0.39	0.74
251BV510	Tank 510	VOC	0.56	0.90
251BV512	Tank 512	VOC	0.56	0.90
251BV514	Tank 514	VOC	0.56	0.90
251BV810	Tank 810	VOC	0.23	0.36
251BV863	Tank 863	VOC	1.29	0.94
251BV876	Tank 876	VOC	1.29	0.94
251CV1035	Tank V-1035	VOC	0.58	0.34
251CV1263	Tank V-1263	VOC	0.48	0.99

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**
303M1239	Ethylene Flare (5)	VOC	12.38	8.68
		NO _x	0.48	0.33
		CO	2.43	1.70
		SO ₂	0.05	0.05
	Ethylene Flare, MSS (5)	VOC	8.02	0.12
		NO _x	0.31	0.01
		CO	1.56	0.02
		SO ₂	0.05	0.05
251DTL	Large Tank Truck Loading Fugitives	VOC	1.98	0.58
251DTL2	Small Tank Truck Loading Fugitives	VOC	0.18	(8)
251DTC	Railcar Loading	VOC	3.50	(8)
251DBL	Barge Loading	VOC	1.65	(8)
251DM1205	Shipping Flare (7)	VOC	24.40	5.71
		NO _x	0.98	0.22
		CO	4.99	1.11
251DM2224	Shipping Incinerator (7)	VOC	0.13	0.02
		NO _x	0.15	0.02
		CO	0.12	0.02
113BLD137	Analyzer Vents	VOC	0.01	0.02
113MSS	Product Swaps Maintenance, Start-Up, and Shutdown	VOC	17.41	0.70

302M330, 302M331 302M460	Boilers (6)		VOC	0.02	0.01
			NO _x	0.74	0.01
		CO	0.34	0.01	
		SO ₂	0.01	0.01	
			PM ₁₀	0.01	0.01

Permit Number 25299
Page 3

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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
CO - carbon monoxide
SO₂ - sulfur dioxide
PM₁₀ - particulate matter (PM) equal to 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.
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) Ethylene flare emissions associated with the Acetate Esters Unit only.
- (6) Emissions from these boilers are only the contribution from the Acetate Esters Unit.
- (7) Shipping emissions are the contribution from the Acetate Esters Unit only.
- (8) The annual emissions for 251DTL2, 251DTC, and 251DBL are included in the annual emission rate for 251DTL annual emissions.

4

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year _____

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

Dated _____