

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5546

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**
108ABLDG	Propanol Unit Building 1 Analyzer Vent	VOC	0.05	0.21
108F	Fugitives (4)	VOC	1.88	8.22
		CO	0.33	1.45
108AV978	Tank 978	VOC	<0.01	<0.01
251AV11	Tank 11	VOC	0.04	<0.01
251AV36	Tank 36	VOC	0.54	0.55
251AV39	Tank 39	VOC	1.59	0.34
251AV94	Tank 94	VOC	0.54	0.55
251BV500	Tank 500	VOC	0.60	1.12
251BV501	Tank 501	VOC	0.60	1.46
251CV646	Tank 646	VOC	0.50	0.05
251CV646	Tank 646 (5)	VOC	1.21	3.16
251CV865	Tank 865	VOC	0.35	0.06
251CV865	Tank 865 (6)	VOC	1.63	5.67
251CV984	Tank 984	VOC	0.28	0.27

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306F	Fugitives (4)	VOC	2.71	11.85
		CO	0.08	0.36
306M2107	Flare (7)	H ₂	94.80	7.30
		NO _x	30.75	2.92
		CO	737.40	97.20
303M1239	Ethylene Flare (7)			

(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 - oxides of nitrogen

CO - carbon monoxide

H₂ - hydrogen

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

(5) Emission rates are based on upgrade of the seal system and storage of high vapor pressure petroleum feedstocks.

(6) Emission rates are based on upgrade of seal system and storage of high vapor pressure petroleum feedstocks.

(7) EPN 306M2107 reflects the emissions from the POX Unit. EPN 303M1239 emissions are those from the Propanol Unit and are included in those reported in Permit Number 2447.

* 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.

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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>

Dated _____