

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 301

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, sources, and related activities. 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	Source Name	Air Contaminant	Emission Rates	Column1
No. (1)	(2)	Name (3)	lbs/hour	TPY (4)
F303PV	P1 Product Tank	VOC	0.01	0.01
P102APVA	P1 Intermediate Tank	VOC	0.17	0.01
P102APVB	P1 Intermediate Tank	VOC	0.17	0.01
P102BPVA	P1 Intermediate Tank	VOC	0.17	0.01
P102BPVB	P1 Intermediate Tank	VOC	0.17	0.01
D201MV	P1 Neutralizer	VOC	0.38	0.05
F206PV	P1 Filter Feed Tank	VOC	0.38	0.05
F203APV	P1 Impurity Absorber Precoat Tank	VOC	0.02	0.01
F204APV	P1 Flash Drum Feed Tank	VOC	0.05	0.02
F204BPV	P1 Flash Drum Feed Tank	VOC	0.05	0.02
F205PV	P1 Stabilizer Tank	VOC	0.01	0.01
F305APV	P1 Rundown Tank	VOC	0.01	0.01
F305BPV	P1 Rundown Tank	VOC	0.01	0.01
F306APV	P1 Product Tank	VOC	0.01	0.01
F306BPV	P1 Product Tank	VOC	0.01	0.01
F306CPV	P1 Product Tank	VOC	0.01	0.01
F306DPV	P1 Product Tank	VOC	0.01	0.01
F306EPV	P1 Product Tank	VOC	<0.01	<0.01
F306FPV	P1 Product Tank	VOC	<0.01	<0.01

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F306GPV	P1 Product Tank	VOC	<0.01	<0.01
F306HPV	P1 Product Tank	VOC	<0.01	<0.01
F306JPV	P1 Product Tank	VOC	<0.01	<0.01
F306KPV	P1 Product Tank	VOC	<0.01	<0.01
P1LE	P1 Loading	VOC	0.01	0.01
P1PUFE	P1 Process Unit Fugitives (5)	VOC	0.07	0.18
P1OSFE	P1 Oxide System Fugitives (5)	VOC	0.21	0.94
P1FL1	P1 Flare	VOC	3.88	0.77
		NOx	0.80	0.53
		CO	6.81	4.33
		SO2	0.01	0.01

- (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<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: July 20, 2015