

POLYPROPYLENE (PP) EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

EMISSION CAP TABLE

Flexible Permit Number 28351

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.

VOLATILE ORGANIC COMPOUNDS (VOCs) EMISSION CAP

Emission Cap			lb/hr	TPY
VOC Source Cap**			248.63	307.57
PM Source Cap			2.31	6.85
<u>Other Sources Not Included in the Cap:</u>				
PP-B100	PP Boiler B-100	VOC	0.07	0.27
		NO _x	1.25	4.98
		SO ₂	0.04	0.15
		PM	0.10	0.38
		CO	1.05	4.18
PP-B102	PP Boiler B-102	VOC	0.22	0.88
		NO _x	4.00	15.93
		SO ₂	0.12	0.48
		PM	0.30	1.21
		CO	3.36	13.38
PP-FLARE	Polypropylene Flare	NO _x	17.08	15.19
		CO	123.27	77.40
		SO ₂	0.44	0.12

- (1) Emission Point Identification - Either specific equipment designation or emission point number (EPN) from a plot plan.
- (2) Specific Point Source Names. For fugitive sources use area name or fugitive source name.

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- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter 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.
CO - carbon monoxide

- * 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

- ** VOC includes all speciated volatiles as shown.

Source Caps include the following EPNs:

VOC

PP-A410	PP-CT100
PP-A420	PP-CT101
PP-A430	PP-ZSK1FV
PP-CVS	PP-ZSK1DRY
PP-L3FUG	PP-ZSK1STG
PP-FLARE	PP-ZSK2FV
PP-WWDEGAS	PP-ZSK2DRY
PP-ZSK2STG	PP-CMPFV
PP-CMPDRY	PP-CMPSTG
PP-LOAD	PP-L3LOAD
PP-ZSK3DRY	PP-ZSK3FV
PP-ZSK3STG	
PP-A450	

PM

PP-ZSK1FV
PP-ZSK1STG
PP-ZSK2FV
PP-ZSK2STG

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PM/CONT'D

PP-CMPFV

PP-CMPSTG

PP-LOAD

PPL3FV

PP-ZSK3FV

PP-ZSK3STG

PP-L3LOAD

Dated _____