

ATTACHMENT 3
EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 28351

EMISSION CAP TABLE

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

<u>Emission Caps</u>	<u>lb/hr</u>	<u>TPY</u>
Total VOC Source Cap**	147.86	311.93
Total Hexane Source Cap	28.43	88.38
Total Isopentane Source Cap	1.06	3.30
Total Propane Source Cap	8.39	20.08
Total Propylene Source Cap	108.42	193.89
Total Ethylene Source Cap	3.08	11.46
Total Isobutane Source Cap	0.20	0.93
Total Pentane Source Cap	0.14	0.44

Source Names***:

Line 1 and 2 Fugitives
Line 3 Fugitives

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Polypropylene Flare (VOC Only)
Wastewater
Cooling Tower CT-100
Cooling Tower Ct-101
Polypropylene Finishing

PM Emission Cap

	lb/hr	TPY
Total PM Source Cap		2.31
6.85		

Source Names***:

Finishing Section Bag Filters
Finishing Section Cyclone and Tbox

Other Sources Not Included in the Cap:

Emission Rates*	Source	Air Contaminant	Emission	
Point No.(1)	Name (2)	Name	lb/hr	TPY
PP-B100	PP Boiler B-100	VOC	0.05	0.21
		NO _x	2.76	12.11
		SO ₂	0.01	0.05
		PM	0.16	0.69
		CO	0.60	2.62
PP-B102	PP Boiler B102	VOC	0.14	0.61
		NO _x	6.40	28.03
		SO ₂	0.03	0.13
		PM	0.24	1.05
		CO	1.63	7.14

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PP-FU1P	Polypropylene Flare	NO _x	12.88	12.76
		CO	65.62	65.00

- (1) Emission Point Identification - Either specific equipment designation or emission point number (EPN) 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 General Rule 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - 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 Names include the following Emission Point Numbers:

VOC

PP-A410	PP-CT-100
PP-A420	PP-WC101P
PP-A430	PP-ZSK1FV
PP-CVS	PP-ZSK1DRY
PP-L3FUG	PP-ZSK1STG
PP-FU1P	PP-ZSK2FV
PP-WWDEGAS	PP-ZSK2DRY
PP-ZSK2STG	PP-CMPFV
PP-CMPDRY	PP-CMPSTG
PP-LOAD	PP-L3LOAD
PP-ZSK3DRY	PP-ZSK3FV

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PP-ZSK3STG

PM

PP-ZSK1FV
PP-ZSK1STG
PP-ZSK2FV
PP-ZSK2STG
PP-CMPFV
PP-CMPSTG
PP-LOAD
PPL3FV
PP-ZSK3FV
PP-ZSK3STG
PP-L3LOAD

Dated_____