

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21150

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)	Name (3)	Air Contaminant		<u>Emission Rates *</u>	
			lb/hr	TPY		
59	Polypropylene Flare (5)		VOC		4.44	0.002
			CO		1.46	0.001
			NOx		0.29	<0.001
216**	Polyethylene Plant VI Flare (5)		VOC		22.80	13.584
			CO		12.01	7.170
			NOx		1.40	0.836
524***	K-Resin Flare (5)		VOC		50.00	6.496
			CO		16.44	2.124
			NOx		3.22	0.416
900	Piping Fugitives (4)		VOC		1.37	6.00

- (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 General Rule 101.1
CO - carbon monoxide
NOx - total oxides of nitrogen
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Flare emissions attributable to this facility.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule: Hrs/year 8,760

** The VOC load to this Emission Point No. (EPN) shall be routed for flaring to EPN 308 (Polyethylene Plant VII Flare) in the event of failure of the Primary Flare (EPN 216).

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*** Butene load to this EPN shall be routed for flaring to EPN 59 in the event of failure of the Primary Flare (EPN 524).

Dated_____