

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
216**	Polyethylene Plant VI Flare			VOC	27.3	5.52
				CO	7.2	1.54
				NOx	3.6	0.73
524***	K-Resin Flare			VOC	91.0	3.29
				CO	27.5	1.09
				NOx	8.3	0.29
600	Cyclohexane Storage Tank			VOC	0.07	0.01
900	Fugitives (4)			VOC	1.36	5.97

- (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.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day___Days/week___Weeks/year___or Hrs/year 8760

** 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).

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

Revised_____