

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 37969 and N008

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)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
7000	Process Fugitives (4)	VOC	0.15	0.63
7010	Cyclohexane Storage Tank 0.36	VOC		0.19
7020	1-Hexene Storage Tank	VOC	0.54	1.25
7030	1-Hexene Storage Tank	VOC	0.14	0.30
7040	1-Decene Storage Tank	VOC	0.18	0.03
7050	Cooling Tower	VOC	0.15	0.51
7060	1-Hexene Flare	VOC	4.76	6.48
		NO _x	0.98	1.65
		CO	1.95	4.37
7080	Loading Operation Losses 0.09	VOC		2.88
524	K-Resin Flare (5)	VOC	5.06	1.42
		NO _x	0.22	0.06
		CO	1.59	0.44

(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.

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- (3) VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Routine flare emissions attributable to the 1-Hexene Production Facility only. Other emissions from this flare are described in Permit No. 5562A.

* 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 8,760

Dated _____