

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5581

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1	Centaur Turbines (two with common stack) 0.32	PM	0.45	2.0
		VOC		0.06
		NO _x	46.4	187.0
		SO ₂	1.22	5.34
		CO	23.0	33.5
17	Saturn TRBN 003	PM	0.06	0.28
		VOC	0.55	2.41
		NO _x	4.46	19.55
		SO ₂	0.03	0.11
		CO	2.03	8.88
18	Saturn TRBN 004	PM	0.06	0.28
		VOC	0.55	2.41
		NO _x	4.46	19.55
		SO ₂	0.03	0.11
		CO	2.03	8.88
19	Saturn TRBN 005	PM	0.06	0.28
		VOC	0.55	2.41
		NO _x	4.46	19.55
		SO ₂	0.03	0.11
		CO	2.03	8.88
C01	Cooling Tower (4)	VOC	0.084	0.37
F1	Fugitives (4)	VOC	0.26	1.16
F10	Fugitive (4)	VOC	1.58	6.92

F11 or F13	Flare (5)	VOC	0.014	0.06
		NO _x	<0.001	0.008
		CO	0.004	0.016

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- (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) PM - particulate matter
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The emissions given are those relating to this facility; other flare emissions are covered by standard exemption (F11) or Permit No. 19931 (F13).

* 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_____