

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3962

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>	
Point No. (1)	Name (2)	Name (3)	#/hr	TPY
G-D-0	Flare (5)	VOC	0.12	<0.01
G-D-1	Flare (5)	VOC	164.	21.6
G-G-8A, B	Vent	VOC	1.27	0.41
G-H-8	Vent	VOC	0.03	<0.05
T-A-0	Vent	VOC	0.68	0.23
T-A-1	Vent	VOC	0.78	0.30
T-A-5	Vent	VOC	<0.001	0.009
T-A-6	Vent	VOC	0.78	0.30
T-A-7	Vent	VOC	0.007	0.011
T-B-0	Cooling Tower (4)	VOC	0.112	0.443
T-C-0	Furnace	CO	1.08	4.30
		CH4	0.10	0.37
		NOx	4.30	17.2
		PM10	0.10	0.38
		SO2	0.02	0.08
		VOC	0.09	0.34
T-E-1	Vent	VOC	0.61	2.42
T-G-0	Vent	VOC	<0.01	<0.01
T-G-2	Vent	VOC	<0.01	<0.01
T-G-3	Vent	VOC	<0.01	<0.01

T-G-4	Vent	VOC	0.71	0.09
T-G-5	Vent	VOC	0.99	0.38

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>#/hr</u>	<u>TPY</u>
T-G-6	Vent	VOC	0.49	0.30
T-G-7	Vent	VOC	1.47	0.236
		NH3	0.02	<0.01
T-G-9	Vent	VOC	0.25	1.00
T-H-2	Vent	VOC	0.02	<0.01
T-H-3	Vent	VOC	0.04	0.04
T-H-6	Vent	VOC	0.24	0.13
T-H-8	Vent	VOC	5.5	0.26
T-H-9	Vent	VOC	<0.001	<0.001
T-I-1	Vent	VOC	<0.001	<0.001
T-I-2	Vent	VOC	0.15	0.003
T-K-5	Vent	VOC	0.32	0.22
		NH3	<0.01	<0.01
T-K-8	Vent	VOC	0.03	0.05
T-GZ-0	Fugitives (4)	VOC	0.81	3.52
T-GZ-2	Fugitives (4)	VOC	0.51	2.23
M-GZ-0	Fugitives (4)	VOC	0.12	0.530

- (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

NOx - total oxides of nitrogen  
SO2 - sulfur dioxide  
PM10 - particulate matter less than 10 microns  
CO - carbon monoxide  
CH4 - Methyl Bromide

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- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Flare emissions are only from this facility.

\* 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 \_\_\_\_\_