

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20051

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) <u>TPY</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u> lb/hr	
001	John Zink 2,000 SCFM Enclosed Flare (5)	VOC NO _x CO	45.50 2.11 18.10	14.40 9.25 79.30
002	Fulton FT-0160-C Thermal Fluid Heater	NO _x CO SO ₂ PM VOC	0.11 0.16 <0.01 0.01 0.01	0.48 0.70 <0.01 0.04 0.04
BARGE	Barge Vent (6)	VOC	99.11	1.77
003	Horizontal Storage Tank T-1	VOC	1.53	0.09
004	Horizontal Storage Tank T-2	VOC	1.53	0.10
005	Rinsate Storage Tank T-3	VOC	1.50	0.25
006	Horizontal Rinsate Storage Tank T-4 0.39	VOC		4.26
007	Barge Heel Storage Tank PS-1	VOC	1.33	0.07
008	Barge Heel Storage Tank PS-2	VOC	1.33	0.07
009	Barge Heel Storage Tank PS-3	VOC	1.33	0.12
FUG 1	Process Fugitives (4)	VOC	0.07	0.30

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FUG 2	Wastewater Loading Fugitives	VOC	<0.01	<0.01
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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) Flare emission rates are based on gasoline barge cleaning and storage.
 - (6) Emissions occur only during uncontrolled barge cleaning. The short-term uncontrolled emission rate is based on diallyl ketone barge cleaning. The annual uncontrolled emission rate is based on methyl hexyl ketone barge cleaning.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 16 Days/week 7 Weeks/year 52