

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23482

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)	Emission Rates *	
<u>TPY</u>				
			lb/hr	
FT020-01010	N. DNT TANK	DNT	0.0002	0.0009
FT020-01020	S. DNT TANK	DNT	0.0002	0.0009
FT020-17700	HORIZONTAL TANK	VOC	0.15	0.03
FT020-19200	WW SEC. NEUT. TANK	VOC	0.01	0.04
FV020-50000	DNT LOADING VENT	DNT	<0.0001	0.0003
FV040-05200	SAC FURNACE STACK	NO _x	5.76	25.23
		SO ₂	<0.01	<0.01
		CO	6.05	26.50
FV040-06900	NO _x /VOC SCR UNIT	NO _x	2.66	11.65
		SO ₂	0.77	3.37
		CO	0.10	0.44
		NH ₃	1.00	4.38
		VOC	2.37	10.38
		HCN	0.07	0.30

Uncontrolled SCR Emissions (Maximum 800 hours - 1995)

NO _x	43.80	17.52
VOC	19.50	7.80
HCN	1.13	0.45

Uncontrolled SCR Emissions (Maximum 600 hours beginning 1996)

NO _x	43.80	13.14
VOC	19.50	5.85
HCN	1.13	0.34

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	
<u>TPY</u>				
FV020-21700	FLARE	NO _x	0.18	0.79
		CO	0.61	2.67
		VOC	0.23	1.00
		HCN	0.03	0.13
F020/F040	FUGITIVES (4)	DNT/MNT	0.21	0.92
		VOC	0.23	1.00

(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) NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in General Rule 101.1

CO - carbon monoxide

NH₃ - ammonia

DNT - dinitrotoluene

MNT - mononitrotoluene

HCN - hydrogen cyanide

(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 8,760

Dated _____