

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5264

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 *	
			lb/hr	TPY
F277VEN	Tank F270 Vent	HCl	<0.01	<0.01
GASTK	Storage Tank	VOC	2.17	0.12
DIESELTK	Storage Tank	VOC	0.01	<0.01
C234.1VEN	Dryer Vent	VOC	0.19	0.81
		PM ₁₀	0.01	0.04
C234.2VEN	Dryer Vent	VOC	0.19	0.81
		PM ₁₀	0.01	0.04
C234.3VEN	Dryer Vent	VOC	0.19	0.81
		PM ₁₀	0.01	0.04
C234.4VEN	Dryer Vent	VOC	0.19	0.81
		PM ₁₀	0.01	0.04
E352.1RVEN	Storage Silos	PM ₁₀	<0.01	<0.01
E352.2RVEN	Storage Silos	PM ₁₀	<0.01	<0.01
E352.3RVEN	Storage Silos	PM ₁₀	<0.01	<0.01
E354.1RVEN	Loadout Vent	PM ₁₀	<0.01	<0.01
E354.2RVEN	Loadout Vent	PM ₁₀	<0.01	<0.01
E378VEN	Blender Vent	PM ₁₀	<0.01	<0.01
D416VEN	Filter Vent	PM ₁₀	<0.01	<0.01
GQ352VEN	Main Flare	VOC	53.30	55.60
		NO _x	4.07	4.46

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			<u>lb/hr</u>	<u>TPY</u>
		CO	29.70	32.52
		SO ₂	<0.01	<0.01

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			lb/hr	TPY
INCN	Incinerator	PM ₁₀	0.42	1.71
		VOC	1.30	5.21
		NO _x	3.49	14.29
		SO ₂	0.02	0.09
		CO	0.73	3.00
GT335	Cooling Tower (4)	Br	<0.01	<0.01
HDPE SUMP	Sump	VOC	0.03	0.12
POLYFUG	Fugitives (4)	VOC	17.97	78.71
EXTRVENT	Extruder Vent	VOC	0.05	0.21
		PM ₁₀	<0.01	<0.01
F213VEN	Cas Vent for Tanks F210, F220, AND F230	VOC	1.14	0.03

(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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM₁₀ - particulate matter less than 10 microns in diameter

Br - Bromine

CO - carbon monoxide

HCl - hydrogen chloride

(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 8,760 Hrs/year

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			<u>lb/hr</u>	<u>TPY</u>

Dated _____