

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19169

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
VCM-1	Incinerator	Cl ₂	4.00	17.52
		NO _x	3.00	13.14
		CO	1.11	4.87
		HCl	1.00	4.38
		PM	1.00	4.38
		SO ₂	0.10	0.44
		VOC	0.15	0.66
VCM-2	Incinerator	Cl ₂	4.00	17.52
		NO _x	3.00	13.14
		CO	1.11	4.87
		HCl	1.00	4.38
		PM	1.00	4.38
		SO ₂	0.10	0.44
		VOC	0.15	0.66
VCM-3	Lime Neutralization Vent	HCl	0.02	0.10
VCM-4	VCM Furnaces	NO _x	5.20	12.00
		CO	13.00	57.10
		PM	1.20	5.29
		SO ₂	1.00	4.38
		VOC	0.68	2.96
		NH ₃	1.43	6.26
VCM-5	Decoke Drum	CO	43.70	5.24
		VOC	5.00	0.60
VCM-6	Decoke Drum	CO	43.70	5.24
		VOC	5.00	0.60
VCM-8	Cooling Tower (4)	VOC	18.20	7.93

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
VCM-9	Fugitives (4)	VOC	3.70	16.30
		Cl ₂	0.17	0.73
		HCl	0.30	1.30
		NH ₃	0.13	0.58
VCM-20	Limestone Unloading	PM	0.04	<0.01
VCM-21	VCM Furnaces	NO _x	2.61	6.00
		CO	6.52	28.60
		PM	1.65	7.23
		SO ₂	0.50	2.20
		VOC	0.34	1.48
		NH ₃	0.72	3.13
VCM-22	Decoke Drum	CO	43.70	5.24
		VOC	5.00	0.60
VCM-23	Incinerator	Cl ₂	4.00	17.52
		NO _x	3.00	13.14
		CO	1.11	4.87
		HCl	1.00	4.38
		PM	0.23	1.00
		SO ₂	0.10	0.44
VCM-24	Cooling Tower (4)	VOC	0.15	0.66
VCM-24	Cooling Tower (4)	VOC	13.20	5.80

(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

PM - particulate matter

CO - carbon monoxide

HCl - hydrogen chloride

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>

Cl₂ - chlorine

NH₃ - ammonia

(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

Dated _____