

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22690

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
22-36-1	Furnace 1			CO	45.2	198.0
				NOx	13.0	56.9
				PM10	0.6	2.8
				SO2	0.1	0.3
				VOC	0.2	0.8
22-36-2	Furnace 2			CO	45.2	198.0
				NOx	13.0	56.9
				PM10	0.6	2.8
				SO2	0.1	0.3
				VOC	0.2	0.8
22-36-3	Furnace 3			CO	45.2	198.0
				NOx	13.0	56.9
				PM10	0.6	2.8
				SO2	0.1	0.3
				VOC	0.2	0.8
22-36-4	Furnace 4			CO	45.2	198.0
				NOx	13.0	56.9
				PM10	0.6	2.8
				SO2	0.1	0.3
				VOC	0.2	0.8
22-36-5	Furnace 5			CO	45.2	198.0
				NOx	13.0	56.9
				PM10	0.6	2.8
				SO2	0.1	0.3
				VOC	0.2	0.8

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>			
			lb/hr	TPY		
22-36-6	Furnace 6					
		CO	45.2	198.0		
		NOx	13.0	56.9		
		PM10	0.6	2.8		
		SO2	0.1	0.3		
		VOC	0.2	0.8		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
	22-36-7	Furnace 7	CO	45.2
			198.0	
		NOx	13.0	56.9
		PM10	0.6	2.8
		SO2	0.1	0.3
		VOC	0.2	0.8
22-36-8	Furnace 8	CO	45.2	198.0
		NOx	13.0	56.9
		PM10	0.6	2.8
		SO2	0.1	0.3
		VOC	0.2	0.8
56-61-10	Flare 10	CO	5.1	22.5
		NOx	1.0	4.4
		VOC	2.1	9.2
56-61-12	Flare 12	CO	5.1	22.5
		NOx	1.0	4.4
		VOC	2.1	9.2
22-95-1A	Decoking Stack	CO	143.0	42.0
		NOx	0.4	0.1
		PM	2.5	0.7
22-95-1B	Decoking Stack	CO	143.0	42.0
		NOx	0.4	0.1
		PM	2.5	0.7
22-95-2A	Decoking Stack	CO	143.0	42.0
		NOx	0.4	0.1
		PM	2.5	0.7
22-95-2B	Decoking Stack	CO	143.0	42.0
		NOx	0.4	0.1
		PM	2.5	0.7

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
22-95-3A	Decoking Stack	CO	143.0	42.0
		NOx	0.4	0.1
		PM	2.5	0.7

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
		22-95-3BDecoking Stack		CO
			143.0	42.0
		NOx	0.4	0.1
		PM	2.5	0.7
22-95-4A	Decoking Stack	CO	143.0	42.0
		NOx	0.4	0.1
		PM	2.5	0.7
22-95-4B	Decoking Stack	CO	143.0	42.0
		NOx	0.4	0.1
		PM	2.5	0.7
22-0-0	Fugitives (4)	VOC	4.1	18.1
54-22-12	Cooling Tower (4)	VOC	1.7	7.4

(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) CO - carbon monoxide

NOx - total oxides of nitrogen

PM - particulate matter

PM10 - particulate matter less than 10 microns

SO2 - sulfur dioxide

VOC - volatile organic compounds

(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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

Dated _____