

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8418

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
<u>FDIB-300 Unit</u>				
Contains a total of four IR-Allison Turbines. Three Allison turbines share two stacks and one has its own stack.				
6	IR-Allison Turbines	PM	0.39	1.70
		VOC	0.15	0.59
		NO _x	16.75	64.40
		SO ₂	0.11	0.42
		CO	2.39	9.20
7	IR-Allison Turbines	PM	0.39	1.70
		VOC	0.15	0.59
		NO _x	16.75	64.40
		SO ₂	0.11	0.42
		CO	2.39	9.20
14	IR-Allison Turbine	PM	0.18	0.81
		VOC	0.80	3.50
		NO _x	7.00	30.66
		SO ₂	0.07	0.28
		CO	4.50	19.71

DIB-400 Unit

Contains a total of four IR-Allison Turbines. Three Allison turbines share two stacks and one has its own stack.

8	IR-Allison Turbines	PM	0.39	1.70
		VOC	0.15	0.59

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
		NO _x	16.75	64.40
		SO ₂	0.11	0.42
		CO	2.39	9.20
9	IR-Allison Turbines	PM	0.39	1.70
		VOC	0.15	0.59
		NO _x	16.75	64.40
		SO ₂	0.11	0.42
		CO	2.39	9.20

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
15	IR-Allison Turbine	PM	0.18	0.81
		VOC	0.80	3.50
		NO _x	7.00	30.66
		SO ₂	0.07	0.28
		CO	4.50	19.71
F4	Fugitives (Both Units) (4) 16.69		VOC	3.81

- (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.

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

Dated September 5, 1995