

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

6235A

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)	lb/hr	<u>Emission Rates *</u> TPY	
B-1	Boiler No. 1	VOC	0.4	1.75	
		NOx	6.0	26.6	
		CO	0.6	2.63	
H-1	Dowtherm Heater	VOC	0.1	0.44	
		NOx	1.8	7.9	
		CO	0.2	0.9	
F-1	Process Flare	VOC		<0.1	
F-2	Oxides Flare	Ethylene Oxide	0.5	0.96	
		Propylene Oxide	0.67	0.38	
ST-Total	Storage Tanks	VOC	16.0	3.7	
D-1-Total	Drumming Losses	VOC	16.3	1.62	
FU-1	Fugitives (4)	VOC	3.24	14.19	
L-1	Loading Losses	VOC	35.6	1.36	
CT-1	Cooling Tower	VOC	0.41	1.8	
X-105	Process Sump	VOC	0.022	0.1	
S-18	Dust Collector	PM	<0.01	0.02	
H-2	Hot Oil Heater	NOx	0.01	0.0019	
		SOx		<0.001	
X-101	NDC Bag Dump	PM	0.0617	0.257	

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X-301	NDC Bag Dump	PM	0.0617	0.257
FU-2	Hot Oil Heater	VOC	0.5105	2.130
FU-3	NDC Feed Prep	VOC	0.1560	0.649
AIR CONTAMINANTS DATA				

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
FU-4	DNC Distillation	VOC	0.2110	0.877
FU-5	NDN Flaking	VOC	0.1040	0.434
FU-6	Solvent Fuel Stg	VOC	0.745	0.233
FU-7	Boiler B-1	VOC	0.0025	0.011

- (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  
NOx - total oxides of nitrogen  
SOx - total oxides of sulfur  
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 the following operating schedule:

8,760 hrs./yr.

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Revised \_\_\_\_\_