

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 16810A

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	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
<u>Diﬂufenzopyr (DFFP) and PIX Technical Production</u>				
C-809	Dust Collector	PM ₁₀	0.45	1.96
ED-412	Water/Caustic Scrubbers	VOC	13.96	5.94
		NaOCl	0.55	0.03
		NaOH	0.03	0.01
		HCl	3.02	<0.01
		Hydrazine	0.09	0.01
		NH ₃ +	2.74	4.52
ESJ-118A	Tank SJ-118A	VOC	1.13	0.03
FUG-1	Fugitives (4)	VOC	1.36	5.91
		NaOCl	0.01	0.06
		Hydrazine	0.16	0.69
		NH ₃ +	0.16	0.70
EK-830	Cooling Tower	VOC	0.21	0.92
<u>Fluvalinate and PIX Technical Production</u>				
C-809	Dust Collector	PM	0.02	0.10
		PM ₁₀	0.02	0.09
ED-412	HCl/Water/Caustic Scrubber	VOC	3.42	14.04
ESJ-118A	Tank SJ-118A	VOC	1.13	0.03

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
FUG-1	Fugitives (4)	VOC	1.36	5.91
EK-830	Cooling Tower	VOC	0.21	0.92

AIR CONTAMINANTS DATA

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

Barricade T and PIX Technical Production

C-809	Dust Collector	PM	0.02	0.10
		PM ₁₀	0.02	0.09
ED-412	HCl/Water/Caustic Scrubber 13.94		VOC	3.39
ESJ-118A	Tank SJ-118A	VOC	1.13	0.03
FUG-1	Fugitives (4)	VOC	1.36	5.91
EK-830	Cooling Tower	VOC	0.21	0.92

(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, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter equal or less than 10 microns in diameter. Where PM is not listed, it shall be

assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in 30 TAC §101.1

NaOCl - sodium hypochlorite

NaOH - sodium hydroxide

HCl - hydrogen chloride

NH₃ - ammonia

(4) Fugitive emissions are an estimate only.

* 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

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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>

NOTE:

Although the emissions rates for the three different products listed above are based on plant operation of 8,760 hours per year, the total annual cumulative emissions for the multi-purpose facility shall not exceed 25 tons per year (each) for PM and VOC. Simultaneous production is limited to only one of the combinations stated in Special Condition No. 1.

Dated_____