EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6797

ATR CONTAMINANTS DATA

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</u>	Rates
<u>*</u>				
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
CRUVAC4-FE	No. 4 CVU Fugitives (4)	VOC	12.29	53.84
	nor revolugiones (i)	H ₂ S	0.87	3.81
		1123	0.07	3.01
8-H-3	No. 4 Vacuum Heater	NO_X	2.51	10.99
5 5	No. 1 Vacadiii Medeci	SO ₂	1.17	5.12
		CO	3.72	16.29
		VOC	0.24	1.05
		PM/PM_{10}	0.24	1.49
		PM/ PM10	0.34	1.49
8-H-4	No. 4 Crude Heater	NO_X	40.00	175.20
0 11 4	No. 4 Clude Heater	SO ₂	3.78	16.56
		CO	12.00	52.56
		VOC	0.79	3.46
		PM/PM_{10}	1.09	4.77
8-H-5	No. 4 Vacuum Heater	NO_X	6.92	30.31
0-11-3	NO. 4 Vacuum Heater	SO ₂	1.94	8.50
		CO	0.69	3.02
		VOC	0.40	1.75
		PM/PM_{10}	0.56	2.45
8-H-6	No. 4 Crude Heater	NO _X	16.31	71.44
8-H-0	No. 4 Crude Heater			
		SO ₂	7.60	33.29
		CO	2.72	11.91
		VOC	1.58	6.92
		PM/PM_{10}	2.18	9.55
0 11 1	No. 4 CVIII Pools up IIt-	n (E)	NO	0 00
8-H-1	No. 4 CVU Back-up Heate		NO _X	9.90
		SO ₂	2.62	
		CO	8.32	
		VOC	0.54	
		PM/PM_{10}	0.75	

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AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission</u>	Rates
Point No. (1)	Name (2)	Name (3)		TPY
0 11 2	No. 4 CVII Book was	lanton (F)	NO	0.00
8-H-2	No. 4 CVU Back-up F	SO ₂ CO VOC PM/PM ₁₀	NO _x 2.62 8.32 0.54 0.75	9.90
designation	n or emission point r	cation - either spenumber from plot plan.		
•	-	. For fugitive sourc	es use are	ea name
(3) NO _X nitrogen SO ₂ - sulfur	source name.	-	total oxi	des of
CO - carbor VOC - volati Administrat PM - partic PM ₁₀ - partic	n monoxide le organic compou tive Code Section 101 culate matter, susper culate matter, equa	nded in the atmosphere, al to or less than diameter. Where F	including 10 micr PM is not ssumed the greater	g PM ₁₀ ons in listed, nat no
(4) Fugitive considered as(5) Emergence heater is down	s a maximum allowable cy use only. Thes	e heaters will be us r becomes non-operable	ed if an	active
	es are based on ar	nd the facilities are dule:	limited	by the

_____Hrs/day ____ Days/week ____ Weeks/year or <u>8,760</u> Hrs/year

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AIR CONTAMINANTS DATA

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

Dated	