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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.

Emission	Source	Air Contaminant	<u>Emission</u>	Rates
<u>*</u> Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
F-P01	VCM Production Fugitives	5 (4)	EDC	0.24
	1.03	VCM HC1 NH₃	0.01 0.01 0.02	0.03 0.06 0.09
F-P02	Cracking and Purification Fugitives (4)	on EDC VCM EG VOC HC1 C1 ₂ NH ₃	0.89 1.24 0.06 0.12 0.73 0.01	3.92 5.44 0.25 0.52 3.18 0.07 0.08
F-P03	Ethylene Battery Limits Fugitives (4)	EDC VOC	0.01 0.96	0.05 4.20
F-P03A	VCM Loading Fugitives (4	4) VCM	0.21	0.91
F-P03B	Chlorine Unloading Fugit 0.10	tives (4)	C1 ₂	0.02
F-P05	Wastewater Area Fugitive	es (4)	EDC	0.32
	1.33	VOC NH₃	0.05 0.59	0.25 2.57
F-P06	EDC Process Fugitives (4	4) EDC VCM EG	2.34 <0.01 0.30	10.26 0.01 1.30

Emission <u>*</u>	Source	Air Contaminant	<u>Emissio</u>	n Rates
Point No. (1)	Name (2)	Name (3)	1b/hr	<u>TPY</u>
		VOC	0.19	0.79
		C1 ₂	0.01	0.04
		NH_3	0.26	1.15

Emission *	Source	Air Contaminant	<u>Emissio</u>	n Rates
Point No. (1)	Name (2)	Name (3)	1b/hr	TPY
F-P07	Oxy-Chlorination Process Fugitives (4)	EDC VCM EG VOC HC1 NH ₃	1.07 0.05 0.08 0.69 0.10 0.12	4.68 0.23 0.35 3.03 0.42 0.52
F-P08	VCM Tank Farm Fugitives 0.47	(4)	EDC	0.11
		VCM VOC NH₃	0.51 0.08 0.07	2.25 0.33 0.31
F-P09	Furnace and Boiler Area Fugitives (4)	EDC VCM HC1	0.59 0.09 0.16	2.60 0.38 0.71
F-P10	No. 2 Cracking and Purit	fication	EDC	0.43
	Fugitives (4)	VCM EG VOC HC1	0.87 0.07 0.13 0.10	3.80 0.29 0.56 0.43
F-P11	No. 2 Oxy-Chlorination F	Process	EDC	0.66
	Fugitives (4)	VCM EG VOC HC1	0.12 0.09 1.38 0.22	0.51 0.41 6.03 0.96
F-P12	No. 3 Cracking and Purif	fication	EDC	0.66
	Fugitives (4)	VCM EG	0.12 0.09	0.51 0.41

Emission	Source	Air Contaminant	<u>Emissi</u>	on Rates
<u>*</u>				
Point No. (1)	Name (2)	Name (3)	<u> 1b/hr</u>	<u>TPY</u>
) /O.C	4 20	6 02
		VOC	1.38	6.03
		HC1	0.22	0.96
F-P13	No. 3 Oxy-Chlorination	Process	EDC	2.03
	8.89			
	Fugitives (4)	VCM	<0.01	0.01
		VOC	0.02	0.09
F-P-13D	"D" Oxy-Chlorination Re	actor	EDC	0.20
1-1-130	0.87	actor	LDC	0.20
	Process Fugitives (4)	VOC	0.01	0.04
	5	HC1	0.08	0.35
F-P14	No. 2 EDC Process Fugit 1.70	ives (4)	EDC	0.39
F-P15	No. 2 VCM Production Fugitives (4)	EDC	0.05	0.24
TND4024	D : 3	> DU	1 00	0.20
IND102A	Boiler A (124 MMBTU/Hou		1.90	8.30
		SO_2 NO_x	0.10 25.90	0.30 113.0
		CO	23.90	9.30
		VOC	0.40	1.60
IND102B	Boiler B (124 MMBTU/Hou	r) PM ₁₀	1.90	8.30
		SO_2	0.10	0.30
		NO_x	25.90	113.0
		CO	2.10	9.30
		VOC	0.40	1.60
IND102C	Boiler C (124 MMBTU/Hou	r) PM ₁₀	1.90	8.30
		SO ₂	0.10	0.30
		NO _x	25.90	113.0
		CO	2.10	9.30

Emission	Source	Air Contaminant	<u>Emissio</u>	n Rates
<u>*</u> <u>Point No. (1)</u>	Name (2)	Name (3)		TPY
		VOC	0.40	1.60
IND102D	Boiler D (121 MMBTU/Hour	SO_2 NO_x (5) CO (5)	1.21 0.24 4.24 18.15	4.24 0.85 14.84 63.60
IND102E	Boiler E (121 MMBTU/Hour	VOC PM ₁₀ (5) SO ₂ NO _x (5) CO (5) VOC	1.94 1.21 0.24 4.24 18.15 1.94	6.78 4.24 0.85 14.84 63.60 6.78
IND103	Cracking Furnace 103 (57 MMBTU/Hour)	PM_{10} SO_2 NO_x CO VOC	0.90 0.08 11.90 1.00 0.20	3.50 0.17 47.30 3.90 1.00
IND104	Cracking Furnace 104 (57 MMBTU/Hour)	$\begin{array}{c} PM_{10} \\ SO_2 \\ NO_x \\ CO \\ VOC \end{array}$	0.90 0.08 11.90 1.00 0.20	3.50 0.17 47.30 3.90 1.00
IND105	Cracking Furnace 105 (57 MMBTU/Hour)	PM_{10} SO_2 NO_x CO VOC	0.90 0.08 11.90 1.00 0.20	3.50 0.17 47.30 3.90 1.00
IND106	Cracking Furnace 106 (57 MMBTU/Hour)	PM_{10} SO_2 NO_x	0.90 0.08 11.90	3.50 0.17 47.30

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission *	Source	Air Contaminant	<u>Emission</u>	Rates
Point No. (1)	Name (2)	Name (3)	1b/hr	<u>TPY</u>
		CO VOC	1.00 0.20	3.90 1.00
IND107	Cracking Furnace 107 (72 MMBTU/Hour)	PM_{10} SO_2 NO_x CO VOC	0.99 0.04 2.52 2.52 0.20	3.46 0.15 8.83 8.83 0.71
IND108	Cracking Furnace 108 (72 MMBTU/Hour)	PM_{10} SO_2 NO_x CO VOC	0.99 0.04 2.52 2.52 0.20	3.46 0.15 8.83 8.83 0.71

Emission *	Source	Air Contaminant	<u>Emission Rates</u>		
Point No. (1)	Name (2)	Name (3)	1b/hr	TPY	
IND109	Cracking Furnace 109 (72 MMBTU/Hour)	PM_{10} (5) SO_2 NO_x (5) CO (5) VOC	0.99 0.04 2.52 2.52 0.20	3.46 0.15 8.83 8.83 0.71	
IND110	Cracking Furnace 110 (72 MMBTU/Hour)	PM_{10} (5) SO_2 NO_x (5) CO (5) VOC	0.99 0.04 2.52 2.52 0.20	3.46 0.15 8.83 8.83 0.71	
IND111	Cracking Furnace 111 (72 MMBTU/Hour)	PM_{10} (5) SO_2 NO_x (5) CO (5) VOC	0.99 0.04 2.52 2.52 0.20	3.46 0.15 8.83 8.83 0.71	
IND101A	Incinerator A Scrubber	EDC VCM C ₂ H ₅ Cl CHCl ₃ Toluene CFC-113 NO _x CO SO ₂ PM ₁₀ HCl Cl ₂	0.13 0.05 0.01 0.02 0.01 0.03 6.12 2.21 0.10 2.00 5.21 10.14	0.58 0.22 0.02 0.09 0.04 0.12 26.79 9.43 0.40 8.80 22.82 44.41	
IND101B	Incinerator B Scrubber	EDC VCM C ₂ H ₅ C1 CHC1 ₃	0.13 0.05 0.01 0.02	0.58 0.22 0.02 0.09	

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Emission *	Source	Air Contaminant	<u>Emissio</u>	n Rates
Point No. (1)	Name (2)	Name (3)	1b/hr	TPY
IND101B (cont'd)	Incinerator B Scrubber	Toluene CFC-113 NO _x CO SO ₂ PM ₁₀ HCl Cl ₂	0.01 0.03 6.12 2.21 0.10 2.00 5.21 10.14	0.04 0.12 26.79 9.43 0.40 8.80 22.82 44.41
EEDC-SUMP	East EDC Tank Farm Sump	EDC	<0.01	<0.01
EDCTF-SUMP	West EDC Tank Farm Sump	EDC	<0.01	<0.01
IM-SUMP	Intermediate Sump	EDC	<0.01	<0.01
LTC SUMP	LTC Sump	EDC	<0.01	<0.01
NO1-SUMP	No. 1 Sump	EDC	<0.01	<0.01
NO2-SUMP	No. 2 Sump	EDC	<0.01	<0.01
COXY-SUMP	C-Oxy Sump	EDC	<0.01	<0.01
EOXY-SUMP	E-Oxy Sump	EDC	<0.01	<0.01
HYDRO-SUMP	Hydroblast Pad Sump	EDC	<0.01	<0.01
HYDRO-WEIR	Hydroblast Pad Weir	EDC VCM	0.01 <0.01	0.06 0.03
WW-1	Wastewater Treatment	EDC CHC1 ₃	0.17 0.35	0.42 0.87
LAB-SUMP	Lab Sump	EDC	0.30	0.66

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission *	Source	Air Contaminant	<u>Emissio</u>	n Rates
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
DEGREASER	Parts Degreaser	VOC Toluene Xylene EB TCE	0.08 <0.01 <0.01 <0.01 <0.01	0.24 <0.01 <0.01 <0.01 <0.01
FB-6473	LOPS Tank	VOC	0.08	0.03
GT-1	Gasoline Storage Tank	Gasoline	44.23	1.13
DT-1-FWP	Diesel Storage Tank	Diesel	0.01	<0.01
DT-2-FWP	Diesel Storage Tank	Diesel	0.01	<0.01
DT-3-FWP	Diesel Storage Tank	Diesel	0.01	<0.01
DT-4-FWP	Diesel Storage Tank	Diesel	0.01	<0.01
DT-5-FWP	Diesel Storage Tank	Diesel	0.01	<0.01
DT-6-UTIL	Diesel Storage Tank	Diesel	0.01	<0.01
DT-7-EG	Diesel Storage Tank	Diesel	0.01	<0.01
FA-4605	10 percent Hydrochloric <0.01	Acid Tank	HC1	0.10
FA-4609	10 percent Hydrochloric <0.01	Acid Tank	HC1	0.10
FA-4610	10 percent Hydrochloric <0.01	Acid Tank	HC1	0.10
FA-3204	10 percent Ethylene Glyd <0.01	col Tank	EG	0.10

EDC, VCM, and EG

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission</u>	Rates
<u>*</u> Point No. (1)	Name (2)	Name (3)	lb/hr	<u>TPY</u>
FB-6404	Sodium Hydroxide Tank	NaOH	0.49	0.07
FB-6480	Sodium Hydroxide Tank	NaOH	0.20	0.03
FB-6470	Solvent Storage Tank	VOC	25.74	0.96
COOLTWR	Cooling Tower	PM C1 ₂	<0.01 0.20	<0.01 0.88
COOLTWR-2	East Cooling Tower	PM C1 ₂	<0.01 0.20	<0.01 0.88
E1-E5	5 Firewater Pump Diesel Engines (250-h	For Emerger p)	ncy Use On	ly
E6	Emergency Generator Die	sel EngineFor Emer	gency Use	Only
.	Oxyhydrochlorination Re	actor QuenchFor	Eme	rgency,
Start-up, or	Tower Absorber Vents	Shutdown	Use Only	
 (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		or rugicive sourc	es use are	za Hallie
<pre>(3) EDC dichloride</pre>		-	ethylene	
VCM - vi	nyl chloride monomer			
	drogen chloride monia			
3	hylene glycol			
	latile organic compounds			

excluding chloroethane, chloroform, toluene, xylene, TCE, EB,

Emission *		Source	Air Contaminant	<u>Emission Rates</u>
Point No.	(1)	Name (2)	Name (3)	lb/hr TPY
=		chlorine particulate matte	r, suspended in the atmos	sphere, including
PM_{10}	list	ted, it shall be	r less than 10 microns in particulate matter greater	
NO _x CO C₂H₅C1 CHC1₃ CFC-113 TCE EB NaOH (4)	- - - - - - - Fug	1,1,2,2-tetrachlorethyl benzene sodium hydroxide itive emissions ed as a maximum a	yl chloride) ,2,2-trifluoroethane	d should not be
		rates are based o ng maximum operatir	on and the facilities areing schedule:	e limited by the
	Hr	s/day Days/	week Weeks/year or	<u>8,760</u> Hrs/year
				Dated