Permit Number 9395

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	Emissio	n Rates *
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	TPY
E-AB1	Loading Spot No. AB1	PG	1.14	0.54
E-AB2	Loading Spot No. AB2	PG	1.14	0.54
E-B801N	Hot Oil Heater	VOC NO _x CO PM	0.33 5.92 4.97 0.45	1.19 21.60 18.14 1.64
E-B801S	Hot Oil Heater	VOC NO _x CO PM	0.33 5.92 4.97 0.45	1.19 21.60 18.14 1.64
E-B901	Process Heater	VOC NO _x CO PM	0.18 3.00 1.44 0.13	0.66 10.96 5.27 0.48
E-B902A	Process Heater	VOC NO _x CO PM	0.15 2.56 1.23 0.11	0.56 9.35 4.49 0.41
E-B902B	Process Heater	VOC NO _x CO PM	0.14 2.41 1.16 0.10	0.53 8.78 4.22 0.38

Emission	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
E-B902C	Process Heater	VOC NO _x CO PM	0.13 2.12 1.02 0.09	0.46 7.74 3.72 0.34
E-B1550	Flare	VOC NO _x CO Acetone	113.13 30.95 163.53 5.60	94.34 31.47 178.22 13.14
E-B1501A	Emergency Flare Plant 1	NO _x CO	0.01 0.05	0.04 0.20
E-B1501B	Emergency Flare Plant 2	NO _x CO	0.01 0.07	0.06 0.32
E-B1501C	Emergency Flare Plant 3	NO _x CO	0.01 0.07	0.06 0.32
E-B1751	Hot Oil Heater	VOC NO _x CO PM	0.08 1.44 1.21 0.11	0.29 5.26 4.42 0.40
E-B2890	Hot Oil Heater	VOC NO _x CO PM	0.43 7.82 6.57 0.59	1.57 28.54 23.97 2.17
E-BP1-D	Tank No. BP1-D	Diesel	0.08	0.0003
E-C10942	Tank No. C10942	Inhibitor	6.46	0.04
E-C10943	Tank No. C10943	Dispersant	5.86	0.02
E-C10944	Tank No. C10944	Inhibitor	6.46	0.04

Emission	Source	Air Contaminant	<u>Emission</u>	ission Rates *
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
E-C10945	Tank No. C10945	Dispersant	5.86	0.02
E-C15038	Tank No. 15038	Dispersant	5.86	0.02
E-C15039	Tank No. 15039	Inhibitor	9.50	0.03
E-CD4A	Loading Spot No. CD4A	DPG	0.30	0.09
E-CD5B	Loading Spot No. CD5B	PG	0.47	0.23
E-CD6A	Loading Spot No. CD6A	PG	0.47	0.23
E-F201	Tank No. 201	VOC	2.77	0.003
E-F225	Tank No. 225	VOC	2.77	0.002
E-F306	Tank No. 306	VOC	2.77	0.002
E-F322	Tank No. 322	VOC	2.77	0.003
E-F395	Tank No. 395	VOC	2.77	0.003
E-F396	Tank No. 396	VOC	2.77	0.003
E-F398	Tank No. 398	VOC	2.77	0.003
E-F399	Tank No. 399	VOC	2.77	0.003
E-F400	Tank No. 400	VOC	2.77	0.003
E-F401	Tank No. 401	VOC	2.77	0.003
E-F402	Tank No. 402	VOC	2.77	0.002
E-F403	Tank No. 403	VOC	2.77	0.003

Emission	Source	Air Contaminant	Emission Ra	ates *
Point No. (1)	Name (2)	Name (3)	lb/hr	<u>TPY</u>
E-F404	Tank No. 404	VOC	2.77	0.002
E-F410	Tank No. 410	VOC	2.77	0.003
E-F463	Tank No. 463	VOC	2.77	0.003
E-F509	Tank No. 509	VOC	2.77	0.003
E-F551	Tank No. F551	Propylene Carbonate	0.02	0.01
E-F711	Tank No. 711	VOC	2.77	0.003
E-F1005B	Tank No. F1005B	PG	0.35	0.00002
E-F1005C	Tank No. F1005C	PG	0.35	0.00003
E-F1101A	Tank No. F1101A	DPG	0.30	0.02
E-F1101B	Tank No. F1101B	DPG	0.30	0.02
E-F1101C	Tank No. F1101C	PM	4.12	0.81
E-F1101D	Tank No. F1101D	PM	4.12	0.81
E-F1102A	Tank No. F1102A	PG	7.41	0.20
E-F1102B	Tank No. F1102B	PG	7.41	0.20
E-F1102C	Tank No. F1102C	PG	7.41	0.21
E-F1102D	Tank No. F1102D	PG	7.41	0.15
E-F1103A	Tank No. F1103A	DPM	0.34	0.04
E-F1103B	Tank No. F1103B	DPM	0.34	0.04

Emission	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
E-F1103C	Tank No. F1103C	TPG	0.01	0.002
E-F1103D	Tank No. F1103D	TPG	0.01	0.002
E-F1104A	Tank No. F1104A	PG	4.95	0.01
E-F1104B	Tank No. F1104B	PG	4.95	0.01
E-F1104C	Tank No. F1104C	DPG	0.32	0.03
E-F1105A	Tank No. F1105A	PG	8.66	0.74
E-F1105B	Tank No. F1105B	PG	8.66	0.74
E-F1108A	Tank No. F1108A	DPM Bottoms	0.20	0.09
E-F1109	Tank No. F1109	TPG Bottoms	0.05	0.01
E-F1110	Tank No. F1110	DPG	0.32	0.02
E-F1164	Tank No. F1164	DPM	11.06	0.20
E-F1204	Tank No. F1204	Caustic	0.93	0.02
E-F1205	Tank No. F1205	Caustic	5.09	0.35
E-F1280	Tank No. F1280	TPG	0.04	0.004
E-F1411	Tank No. F1411	Diesel	0.04	0.0002
E-F1412	Tank No. F1412	Diesel	0.04	0.0002
E-F1413	Tank No. F1413	Diesel	0.08	0.0001
E-F1414	Tank No. F1414	Diesel	0.08	0.0001

Emission	Source	Air Contaminant	Emission R	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
E-F1415	Tank No. F1415	Diesel	0.08	0.0001
E-F1416	Tank No. F1416	Gasoline	1.00	0.005
E-F1418	Tank No. F1418	Diesel	0.45	0.002
E-F1419	Tank No. F1419	Gasoline	80.29	0.61
E-F1420	Tank No. F1420	Diesel	0.04	0.0002
E-F1455A	Tank No. F1455A	Diesel	0.04	0.0002
E-F1455B	Tank No. F1455B	Diesel	0.04	0.0002
E-F1457A	Tank No. F1457A	Diesel	0.04	0.0002
E-F1457B	Tank No. F1457B	Diesel	0.04	0.0002
E-F1503B	Tank No. F1503B	Caustic	1.53	0.02
E-F1503C	Tank No. F1503C	Caustic	1.53	0.01
E-F1675	Tank No. F1675	H_2SO_4	0.005	0.00002
E-F1740	Tank No. F1740	Tert-butanol	18.16	1.36
E-F1801A	Tank No. F1801A	H_2SO_4	0.005	0.00001
E-F1801D	Tank No. F1801D	H_2SO_4	0.005	0.00001
E-F2340	Tank No. F2340	ТВА	16.03	1.96
E-F2351 E-F2835	Hopper No. F2351 Tank No. F2835	PM PG	0.70 4.12	0.01 0.71

Emission	Source	Air Contaminant	Air Contaminant <u>Emission Rate</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
E-F2866	Tank No. F2866	PG	0.16	0.04
E-F3342A	Tank No. F3342A	Catalyst PM	0.12 0.70	0.0004 0.02
E-F3342B	Tank No. F3342B	Catalyst PM	0.12 0.70	0.0004 0.02
E-FTOTE	Tank No. FTOTE	H ₂ SO ₄	0.005	0.000001
E-FUGMNT	Solvent Degreasing (4)	VOC	0.01	0.03
E-FUGPNT	Surface Coating/ Abrasive Blasting (4)	VOC PM PM ₁₀	2.80 3.26 0.99	0.67 0.30 0.11
E-FXXX1	Tank No. XXX1	Bleach	4.98	0.07
E-FXXX2	Tank No. XXX2	Bleach	4.98	0.07
E-FXXX3	Tank No. XXX3	Bleach	4.98	0.07
E-LAB	Lab Exhaust Vent	VOC	5.20	1.15
E-LR4C	Loading Spot No. LR4C	TPG	0.08	0.004
E-LR7	Loading Spot No. LR7	Propylene Carbonat	e 0.08	0.01
E-P1FUG	Plant 1 - PO/TBA (4)	VOC	14.87	62.07
E-P2FUG	Plant 2 - PO/TBA (4)	VOC	12.67	52.47
E-P3FUG	Plant 3 - PO/TBA (4)	VOC	9.58	38.96
E-P4FUG	Plant 1 - Ethers (4)	VOC	1.96	7.96
E-P5FUG	Plant 2 - PG/DPG/TPG (4)	VOC	1.63	6.52

E-P6FUG	Plant 1 - Isobutylene (4)	VOC	3.52	14.82
E-P8FUG	Plant 1 - Propylene Carbonate (4)	VOC	1.23	4.80
E-PL-D	Tank No. E-PL-D	Diesel	0.08	0.001
E-PL-G	Tank No. E-PL-G	Gasoline	20.07	0.23
E-T5	Loading Spot No. T5	DPG	0.21	0.02
E-T10	Loading Spot No. T10	PG	0.87	0.30
E-T12	Loading Spot No. T12	PG	0.47	0.12
E-T23	Loading Spot No. T23	TPG Bottoms	1.90	0.05
E-T25	Loading Spot No. T25	Spent Caustic	0.0002	0.001
E-U1801	BPI Cooling Tower (4)	VOC Acetone	1.09 0.02	3.97 0.08
E-U1802	BPII Cooling Tower (4)	VOC Acetone	1.73 0.04	6.31 0.13
E-U1803	BPIII Cooling Tower (4)	VOC Acetone	1.31 0.03	4.78 0.10
E-V2000	Soil Treatment Vault	TBA Acetone	0.20 0.02	0.01 0.001
E-V3000	Affected Soil Storage Vault	ТВА	2.92	1.36

⁽¹⁾ Emission point identification - either specific equipment designation or emission point number

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission	Raies *
Point No. (1	.) Name (2)	Name (3)	lb/hr	TPY
	 propylene glycol volatile organic compound total oxides of nitrogen carbon monoxide particulate matter, suspen 	tive sources use area name or fug Is as defined in Title 30 Texas Add ded in the atmosphere, including to or less than 10 microns in dia listed, it shall be as	ministrative Co PM ₁₀ ameter. Wher ssumed that no	ode § 101.1 re PM is not
DPM TPG H ₂ SO ₄ TBA (4) Fugitive	 dipropylene glycol dipropylene glycol mono-n tripropylene glycol sulfuric acid tert-butyl alcohol e emissions are an estimate on rate. 	than 10 microns is methyl ether only and should not be considere		um allowable
* Emission sched		ne facilities are limited by the foll	lowing maximu	ım operating
Hı	s/dayDays/week\	Weeks/year or <u>8,760</u> Hrs/year		
		г	Dated Decer	mber 2, 2005