Permit No. 2341

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * Ib/hr TPY		
		PHASE 1 EM	ISSION RATES		
P1001	нот о	IL HEATER B-301	CO NO _X PM SO _X VOC	0.68 2.79 0.05 0.01 0.05	2.98 12.22 0.22 0.05 0.22
P4001	нот о	IL HEATER B-401	CO NO_X PM SO_X $FORMALDEHYDE VOC (other)$	0.66 1.41 0.03 0.01 0.03 <0.01	2.89 6.18 0.13 0.03 0.13 <0.01
P5002	нот о	IL HEATER B-501	CO NO_{\times} PM SO_{\times} VOC	1.76 2.83 0.06 0.01 0.05	7.71 12.40 0.26 0.02 0.21
P3001	нот о	IL HEATER B-601	CO NO_{\times} PM SO_{\times} FORMALDEHYDE VOC (other)	0.07 0.29 0.01 0.01 0.01 <0.01	0.31 1.27 0.04 0.04 0.04 <0.01

Emission	Source	Air Contaminant	<u>Emis</u>	ssion Rates *		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY		
P3002	HOT C 0.44	IL HEATER B-602			CO	0.10
				NO_X	0.42	1.84
				PM	0.01	0.05
				SO_X	0.01	0.04
				FORMALDEHYDE	0.01	0.04
				VOC (other)	<0.01	<0.01
D2002	LIOT O	IL HEATER B-603		60	0.25	1 55
P3003	потс	IL HEATER D-003		CO NO _x	0.35 1.41	1.55 6.18
				PM	0.03	0.13
				SO _X	0.03	0.13
				FORMALDEHYDE	0.01	0.13
				VOC (other)	<0.01	<0.01
P3022	HOT C	IL HEATER B-604		СО	0.07	0.31
				NO_X	0.29	1.27
				PM	0.01	0.03
				SO_X	0.01	0.04
				FORMALDEHYDE	0.01	0.04
				VOC (other)	<0.01	<0.01
P2001	HOT C	IL HEATER B-701		СО	0.28	1.23
				NO_X	1.53	6.70
				PM	0.03	0.14
				SO _x	0.01	0.03
				FORMALDEHYDE	0.02	0.09
				VOC (other)	<0.01	<0.01
P1003	STEAM	I BOILER B-503		CO	0.73	3.20
				NO _X	3.19	13.99
				PM	0.46	2.03
				SO _X	1.62	7.11
				VOC	0.84	3.67

Emission	Source	Air Contaminant	Emission Rates *		
Point No. (1) P1004	Name (2) STEAM	Name (3) BOILER B-505	Ib/hr TPY CO NOx PM SOx VOC	2.94 4.74 0.21 0.02 0.11	12.88 20.78 0.93 0.09 0.47
P1005	STEAM	BOILER B-506	CO NOx PM SOx VOC	2.94 4.74 0.21 0.02 0.11	12.88 20.78 0.93 0.09 0.47
P2002	STEAM	BOILER B-507	CO NOx PM SO _x VOC	3.30 5.35 0.17 0.02 0.12	14.46 23.45 0.72 0.10 0.51
P1023	THERM	AL OXIDIZER B-50	4 CO NO _X PM SO _X VOC	0.40 1.34 1.20 2.26 0.25	1.75 5.87 5.26 9.90 1.10
P3023	СНЕМІС	CAL HOT BOX	VOC	1.35	1.21
P1016	E-307 V	AC PUMP J-320	VOC	0.07	0.29
P1017	E-308 V	AC PUMP J-321	VOC	0.10	0.44
P1018	E-306 V	AC PUMP J-820	VOC	0.06	0.26

Emission	Source Air Contaminant	Emission Rates * Ib/hr TPY		
Point No. (1) P1006	Name (2) Name (3) E-309 STEAM JET V-309	lb/hr TPY VOC	0.01	0.04
P1007	E-310 STEAM JET V-310	VOC	0.01	0.04
P1008	E-311 STEAM JET V-311	VOC	0.01	0.04
P2005 (5)	E-705 VAC PUMP J-707	VOC	<0.01	<0.01
P2006 (5)	E-709 VAC PUMP J-731	VOC	0.04	0.03
P2007 (5)	E-708 VAC PUMP J-739	VOC	0.04	0.03
P2008 (5)	E-709 STEAM JET V-709	VOC	0.04	0.03
P2009 (5)	E-707 VAC PUMP J-738	VOC	0.07	0.30
P3017 (5)	E-602 VAC PUMP J-624	VOC	0.01	0.04
P3018 (5)	E-602 STEAM JET V-603	VOC	0.01	0.04
P3019 (5)	E-605 STEAM JET V-605	VOC	0.01	0.04
P3020 (5)	E-606 STEAM JET V-606	VOC	0.01	0.04
P3021 (5)	E-607 STEAM JET V-607	VOC	0.01	0.04
P4002 (5)	E-401 STEAM JET	VOC	0.67	0.73
P4003 (5)	E-402 STEAM JET	VOC	<0.01	<0.01
P3014	FLARE X-601	VOC NO _X CO SO ₂	10.94 1.48 2.95 <0.01	20.14 2.71 5.42 <0.01
P3015	FLARE X-602	VOC	0.04	0.01

Emission	Source	Air Contaminant	Emission Rates *		
Point No. (1)	Name (2)	Name (3)	lb/hr TPY NO _X	0.01	<0.01
			CO SO₂	0.01 <0.01	<0.01 <0.01
P4004	FLARE	X-401	VOC NO _x CO	0.15 2.36 4.72	0.66 0.59 1.16
			SO ₂	<0.01	<0.01
P1024	COOLII	NG TOWER W-501	VOC	0.72	3.11
P5004	COOLII	NG TOWER W-502	VOC	0.72	3.11
P5005	COOLII	NG TOWER W-503 (6) VOC	0.65	2.80
WW001	ENCL.	SKIMMER F-530 (6)	VOC	<0.01	<0.01
WW002	ww co	DLLECTION SUMP (6	S) VOC	<0.01	<0.01
WW003	WW SL	JRGE TANK (6)	VOC	<0.01	<0.01
P1019	BAGHC	OUSE R-301	PM	1.03	2.00
P1009	STORA	GE TANK F-320	VOC	0.89	0.20
P1010	STORA	GE TANK F320-A	VOC	0.68	0.02
T0001	STORA	GE TANK F-401	VOC	0.18	0.80
T1001	STORA	GE TANK F-402	VOC	0.55	0.54
P1011	STORA	GE TANK F-403	VOC	0.06	0.12
T1002	STORA	GE TANK F-404	VOC	0.32	0.33
T1003	STORA	GE TANK F-405	VOC	0.32	0.33

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr TPY		
T1004	STORA	GE TANK F-408	VOC	0.17	0.06
T1005	STORA	GE TANK F-409	VOC	0.05	0.17
P1012	STORA	GE TANK F-414	VOC	0.05	0.23
P1013	STORA	GE TANK F-504	VOC	0.37	1.61
T1006	STORA	GE TANK F-505	VOC	13.25	1.14
P5001	STORA	GE TANK F-560	VOC	0.18	0.13
P1014	STORA	GE TANK F-604	VOC	0.01	0.01
P3005	STORA	GE TANK F-605	VOC	0.81	3.54
T3001	STORA	GE TANK F-606	VOC	0.23	0.18
T3002	STORA	GE TANK F-607	VOC	0.03	0.14
T3003	STORA	GE TANK F-608	VOC	0.01	0.02
P3006	STORA	GE TANK F-608A	VOC	0.01	0.03
P3007	STORA	GE TANK F-608B	VOC	0.01	0.03
T3004	STORA	GE TANK F-609	VOC	0.01	0.03
P3008	STORA	GE TANK F-609A	VOC	0.01	0.02
P3009	STORA	GE TANK F-609B	VOC	0.01	0.02
T1007	STORA	GE TANK F-610	VOC	0.02	0.07
T1008	STORA	GE TANK F-611	VOC	0.01	0.07

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * Ib/hr TPY		
P3010	STORA	GE TANK F-611A	VOC	0.01	0.07
T1009	STORA	GE TANK F-612	VOC	0.01	0.07
T4001	STORA	GE TANK F-612A	VOC	0.10	0.44
T4002	STORA	GE TANK F-612AA	VOC	0.10	0.44
T2001	STORA	GE TANK F-612B	VOC	0.58	0.05
T3005	STORA	GE TANK F-612C	VOC	0.02	0.16
T4003	STORA	GE TANK F-612D	VOC	0.01	0.01
P3011	STORA	GE TANK F-613	VOC	<0.01	<0.01
T3006	STORA	GE TANK F-615	VOC	0.01	0.06
T3007	STORA	GE TANK F-615A	VOC	0.01	0.07
P3012	STORA	GE TANK F-616A	VOC	2.54	0.15
P3013	STORA	GE TANK F-616B	VOC	0.03	0.15
T3008	STORA	GE TANK F-617	VOC	0.39	0.11
T4004	STORA	GE TANK F-618	VOC	0.01	0.01
T4005	STORA	GE TANK F-619	VOC	2.17	0.40
T4006	STORA	GE TANK F-620	VOC	0.01	0.05
T4007	STORA	GE TANK F-621	VOC	0.01	0.01
T4008	STORA	GE TANK F-640	VOC	0.01	0.01

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * Ib/hr TPY		
				∠0.01	0.02
T4009	STURA	GE TANK F-641	VOC	<0.01	0.02
T4010	STORA	GE TANK F-642	VOC	0.02	0.07
T4011	STORA	GE TANK F-643	VOC	0.01	0.01
T4012	STORA	GE TANK F-644	VOC	0.01	0.01
T4013	STORA	GE TANK F-645	VOC	0.07	0.02
T5003	STORA	GE TANK F-650 (6)	VOC	5.67	1.12
T5004	STORA	GE TANK F-652 (6)	VOC	2.26	0.34
T6001	STORA	GE TANK F-654	VOC	<0.01	0.01
T2002	STORA	GE TANK F-701	VOC	1.08	0.60
T1010	STORA	GE TANK F-702	VOC	0.46	0.45
T1011	STORA	GE TANK F-703	VOC	0.01	0.01
T1012	STORA	GE TANK F-704	VOC	0.01	0.01
T1013	STORA	GE TANK F-705	VOC	0.01	0.01
T2003	STORA	GE TANK F-706	VOC	<0.01	<0.01
T2004	STORA	GE TANK F-707	VOC	1.50	0.01
T-2005	STORA	GE TANK F-708	VOC	0.03	0.10
P1015	STORA	GE TANK F-709	VOC	0.01	0.01
T2006	STORA	GE TANK F-713	VOC	0.30	0.16

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * Ib/hr TPY		
T5001	STORA	AGE TANK F-718	VOC	0.01	0.04
T5002	STORA	AGE TANK F-719	VOC	0.01	0.04
T5006	STORA	AGE TANK F-720	VOC	<0.01	<0.01
T5005	STORA	AGE TANK F-721 (6)	VOC	<0.01	<0.01
T2007	STORA	AGE TANK F-722	VOC	<0.01	0.02
T2008	STORA	AGE TANK F-723	VOC	0.61	2.69
T2009	STORA	AGE TANK F-724	VOC	0.24	1.04
T2010	STORA	AGE TANK F-725	VOC	0.24	1.04
T2011	STORA	AGE TANK F-726	VOC	1.05	1.04
T2012	STORA	AGE TANK F-727	VOC	0.60	2.61
T2013	STORA	AGE TANK F-728	VOC	0.14	0.63
T2014	STORA	AGE TANK F-729	VOC	0.33	1.44
P2004	STORA	AGE TANK F-730	VOC	1.16	0.02
T3009	STORA	AGE TANK F-741	VOC	0.33	0.06
T3010	STORA	AGE TANK F-742	VOC	0.61	0.09
T3011	STORA	AGE TANK F-743	VOC	0.11	0.50
P3024	STORA	AGE TANK F-746 (6)	VOC	<0.01	<0.01
T5007	STORA	AGE TANK F-651	VOC	0.56	0.05

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * Ib/hr TPY		
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LT001	TRUCK	LOADING RACK A	VOC	3.00	0.10
LT002	TRUCK	LOADING RACK B	VOC	3.00	0.10
LT003	TRUCK	LOADING RACK C	VOC	3.00	0.10
LTOO4	TRUCK	LOADING RACK D	VOC	0.50	0.01
LT005	TRUCK	LOADING RACK E	VOC	2.50	0.10
LT006	TRUCK	LOADING RACK F	VOC	2.50	0.10
LR001		R LOADING, K 1, SPOT 1	VOC	3.00	0.10
LR002		R LOADING, (1, SPOT 2	VOC	3.00	0.10
LR003		R LOADING, (2, SPOT 6	VOC	0.50	0.10
LR004		R LOADING, (2, SPOT 7	VOC	0.50	0.10
LR005	0.10	R LOADING, C 2, SPOT 8	VOC	0.50	
LR006		R LOADING, (3, SPOT 9	VOC	3.00	0.04
LR007		R LOADING, (3, SPOT 10	VOC	0.01	0.05

LR008	RAILCAR LOADING, TRACK 6, SPOT 13	VOC	<0.01	<0.01
LR009	RAILCAR UNLOADING, TRACK 6, SPOT 14	VOC	<0.01	<0.01
F1001	PLANT FUGITIVES (4)	VOC	4.32	21.24

- (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) CO carbon monoxide

NO_X - total oxides of nitrogen

PM - particulate matter

PM₁₀ - particulate matter less than 10 microns

SO_x - sulfur dioxide

VOC - volatile organic compounds as defined in General Rule 101.1

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions from these emission points are currently unabated, but will be sent to a flare in Phase II.
- (6) Added under Standard Exemption.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated	