

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4523

This table lists the maximum allowable emission rates for all sources of air contaminants on the applicant's property covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
PM3F	PM 3rd Floor	PM <sub>10</sub>	0.03	0.15
PMMP	PM Main Plant	PM <sub>10</sub>	0.26	1.13
HTRHO	Hot Oil Heater	PM <sub>10</sub>	0.07	0.29
		VOC	0.03	0.12
		NO <sub>x</sub>	0.50	2.19
		CO	0.42	1.84
		SO <sub>2</sub>	<0.01	0.01
HTRHP	HP Steam Heater	PM <sub>10</sub>	0.07	0.29
		VOC	0.03	0.12
		NO <sub>x</sub>	0.50	2.19
		CO	0.42	1.84
		SO <sub>2</sub>	<0.01	0.01
HTRLP	LP Steam Heater	PM <sub>10</sub>	0.03	0.12
		VOC	0.01	0.05
		NO <sub>x</sub>	0.20	0.88
		CO	0.17	0.74
		SO <sub>2</sub>	<0.01	0.01
V-1	Resin Production	VOC	7.01	1.44
		PM <sub>10</sub>	0.03	0.15
TK01	Tank 1	VOC	4.88	0.05
TK02	Tank 2	VOC	<0.01	<0.01
TK04	Tank 4	VOC	2.57	0.10
TK06	Tank 6	VOC	<0.01	<0.01
TK07	Tank 7	VOC	0.33	0.01

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			lb/hr	TPY
TK08	Tank 8	VOC	0.78	0.03
TK09	Tank 9	VOC	4.18	0.36
TK10	Tank 10	VOC	<0.01	<0.01
TK11	Tank 11	VOC	<0.01	<0.01
TK12	Tank 12	VOC	<0.01	<0.01
TK13	Tank 13	VOC	5.04	0.18
TK14	Tank 14	VOC	0.39	0.02
TK15	Tank 15	VOC	0.03	<0.01
TK16	Tank 16	VOC	0.03	<0.01
TK17	Tank 17	VOC	3.62	0.17
TK18	Tank 18	VOC	3.03	0.02
TK19	Tank 19	VOC	0.63	<0.01
TK20	Tank 20	VOC	0.01	<0.01
TK21	Tank 21	VOC	0.03	<0.01
TK22	Tank 22	VOC	0.12	<0.01
TK23	Tank 23	VOC	0.12	<0.01
TK24	Tank 24	VOC	<0.01	<0.01

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			lb/hr	TPY
TK25	Tank 25	VOC	1.87	0.03
TK34	Tank 33	VOC	0.86	0.10
TK36	Tank 36	VOC	0.75	0.06
TK37	Tank 37	VOC	<0.01	<0.01
TK38	Tank 38	VOC	10.58	0.05
TK39	Tank 39	VOC	<0.01	<0.01
TK41	Tank 41	VOC	15.64	0.03
TK44	Tank 44	VOC	15.53	<0.01
TK48	Tank 48	VOC	<0.01	<0.01
TK63	Tank 63	VOC	15.63	0.02
TK66	Tank 66	VOC	0.08	<0.01
TK68	Tank 68	VOC	0.63	0.03
TK69	Tank 69	VOC	1.11	0.06
TK70	Tank 70	VOC	0.04	<0.01
TK71	Tank 71	VOC	0.35	0.01
TK74	Tank 74	VOC	<0.01	<0.01
TK75	Tank 75	VOC	4.66	0.10

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			lb/hr	TPY
TK76	Tank 76	VOC	4.66	0.10
TK77	Tank 77	VOC	1.09	0.06
TK79	Tank 79	VOC	3.40	0.09
TK80	Tank 80	VOC	<0.01	<0.01
TKAA	Tank AA	VOC	1.06	0.07
TKBB	Tank BB	VOC	0.17	0.01
TKCC	Tank CC	VOC	0.14	<0.01
TKDD	Tank DD	VOC	0.62	0.02
TKFF	Tank FF	VOC	0.01	<0.01
TKGG	Tank GG	VOC	0.12	<0.01
TKHH	Tank HH	VOC	0.98	<0.01
TKJJ	Tank JJ	VOC	0.98	<0.01
TKKK	Tank KK	VOC	3.24	0.04
TKNN	Tank NN	VOC	0.17	<0.01
TKQQ	Tank QQ	VOC	1.06	0.03
TKRR	Tank RR	VOC	2.32	0.05
TKFM1FUG	Tank Farm 1 Fugitives	VOC	0.08	0.35

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			lb/hr	TPY
TKFM2FUG	Tank Farm 2 Fugitives	VOC	0.05	0.22
TKFM3FUG	Tank Farm 3 Fugitives	VOC	0.12	0.55
TKFM4FUG	Tank Farm 4 Fugitives	VOC	0.18	0.77
TKFM5FUG	Tank Farm 5 Fugitives	VOC	15.56	3.46
TKFM6FUG	Tank Farm 6 Fugitives	VOC	0.02	0.09
PFBLD	Production and Filling Building	VOC	17.38	25.16
		Exempt Solvents	14.48	23.61
RPBLD	Resin Production Building	VOC	3.88	3.20
CT	Cooling Tower	VOC	0.36	1.58

(1) Emission point identification - number from plot plan.

(2) Specific point source names.

(3) PM<sub>10</sub> - particulate matter (PM) equal to 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 Title 30 TAC § 101.1

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

\* Annual emissions are for a rolling 12 consecutive months.

Dated September 16, 2004