

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4523

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The annual rates (TPY) are based on a consecutive 12-month period.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
PM ₃ F	PM 3rd Floor	PM ₁₀	0.03	0.15
PMMP	PM Main Plant	PM ₁₀	0.26	1.13
HTRHO	Hot Oil Heater	PM ₁₀ (5)	0.07	0.29
		VOC (5)	0.03	0.12
		NO _x (5)	0.50	2.19
		CO (5)	0.42	1.84
		SO ₂ (5)	<0.01	0.01
HTRLP	LP Steam Heater	PM ₁₀ (5)	0.03	0.12
		VOC (5)	0.01	0.05
		NO _x (5)	0.20	0.88
		CO (5)	0.17	0.74
		SO ₂ (5)	<0.01	0.01
HTRHP	HP Steam Heater	PM ₁₀ (5)	0.07	0.29
		VOC (5)	0.03	0.12
		NO _x (5)	0.50	2.19
		CO (5)	0.42	1.84
		SO ₂ (5)	<0.01	0.01
V-1	Resin Production	PM ₁₀	0.07	0.29
		VOC	3.50	1.46
TK01	Tank 1	VOC	<0.01	<0.01
TK02	Tank 2	VOC	<0.01	<0.01
TK04	Tank 4	VOC	0.18	0.01
TK06	Tank 6	VOC	0.12	<0.01
TK08	Tank 8	VOC	0.78	0.03

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TK09	Tank 9	VOC	0.33	0.03
TK13	Tank 13	VOC	3.91	0.19
TK14	Tank 14	VOC	0.14	<0.01
TK15	Tank 15	VOC	1.24	0.01
TK16	Tank 16	VOC	0.23	0.01
TK17	Tank 17	VOC	3.62	0.17
TK18	Tank 18	VOC	3.99	0.15
TK21	Tank 21	VOC	2.26	0.21
TK22	Tank 22	VOC	0.12	<0.01
TK23	Tank 23	VOC	0.33	0.01
TK24	Tank 24	VOC	<0.01	<0.01
TK25	Tank 25	VOC	1.87	0.03
TK34	Tank 34	VOC	0.86	0.10
TK36	Tank 36	VOC	0.75	0.06
TK39	Tank 39	VOC	<0.01	<0.01
TK49	Tank 49	VOC	0.01	<0.01
TK51	Tank 51	VOC	4.61	0.04
TK52	Tank 52	VOC	9.42	0.09
TK53	Tank 53	VOC	<0.01	<0.01
TK54	Tank 54	VOC	<0.01	<0.01
TK55	Tank 55	VOC	0.04	<0.01
TK56	Tank 56	VOC	0.22	<0.01

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TK57	Tank 57	VOC	4.62	0.10
TK66	Tank 66	VOC	0.08	<0.01
TK68	Tank 68	VOC	0.63	0.03
TK70	Tank 70	VOC	0.04	<0.01
TK74	Tank 74	VOC	<0.01	<0.01
TK75	Tank 75	VOC	4.66	0.10
TK76	Tank 76	VOC	4.66	0.10
TK77	Tank 77	VOC	1.10	0.08
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	1.34	0.10
TKFF	Tank FF	VOC	0.01	<0.01
TKGG	Tank GG	VOC	<0.01	<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	0.58	0.01
TKQQ	Tank QQ	VOC	0.58	0.01
TKRR	Tank RR	VOC	14.39	0.19
TKFM1FUG	Tank Farm 1 Fugitives	VOC	0.17	0.74
TKFM2FUG	Tank Farm 2 Fugitives	VOC	0.16	0.68

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TKFM3FUG	Tank Farm 3 Fugitives	VOC	0.04	0.19
TKFM4FUG	Tank Farm 4 Fugitives	VOC	0.16	0.68
TKFM5FUG	Tank Farm 5 Fugitives	VOC	0.05	0.21
TKFM6FUG	Tank Farm 6 Fugitives	VOC	0.04	0.19
RSTD	Thindown Tanks	VOC	2.14	0.89
PFBLD	Production and Filling Building	VOC	9.90	13.43
		Exempt Solvents	6.93	11.81
RPBLD	Resin Production Building	VOC	4.03	2.91
CT	Cooling Tower	VOC	0.36	1.58
All (Site-Wide)	Various	Single HAP		<10.00
		All HAPS		<25.00

(1) Emission point identification.

(2) Specific source name.

(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

CO - carbon monoxide

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HAP(s) - any air contaminant(s) (pollutant) listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(4) Compliance with annual emission limits is based on a rolling 12-month period.

(5) Combustion emissions.

Dated December 3, 2008