

# 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 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, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
PM3F	PM 3 <sup>rd</sup> Floor	PM	0.03	0.15
		PM <sub>10</sub>	0.03	0.15
		PM <sub>2.5</sub>	0.03	0.15
PMMP	PM Main Plant	PM	0.26	1.13
		PM <sub>10</sub>	0.26	1.13
		PM <sub>2.5</sub>	0.26	1.13
V-1	Resin Scrubber	PM	0.07	0.29
		PM <sub>10</sub>	0.07	0.29
		PM <sub>2.5</sub>	0.07	0.29
		VOC	3.50	1.46
HTRHO	Hot Oil Heater	PM (5)	0.07	0.29
		PM <sub>10</sub> (5)	0.07	0.29
		PM <sub>2.5</sub> (5)	0.07	0.29
		VOC (5)	0.03	0.12
		NO <sub>x</sub> (5)	0.50	2.19
		CO (5)	0.42	1.84
		SO <sub>2</sub> (5)	<0.01	0.01
HTRLP	LP Steam Heater	PM (5)	0.03	0.12
		PM <sub>10</sub> (5)	0.03	0.12
		PM <sub>2.5</sub> (5)	0.03	0.12
		VOC (5)	0.01	0.05
		NO <sub>x</sub> (5)	0.20	0.88

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		CO (5)	0.17	0.74
HTRLP	LP Steam Heater	SO <sub>2</sub> (5)	<0.01	0.01
HTRHP	HP Steam Heater	PM (5)	0.07	0.29
		PM <sub>10</sub> (5)	0.07	0.29
		PM <sub>2.5</sub> (5)	0.07	0.29
		VOC (5)	0.03	0.12
		NO <sub>x</sub> (5)	0.50	2.19
		CO (5)	0.42	1.84
		SO <sub>2</sub> (5)	<0.01	0.01
TK22	Tank 22	VOC	0.17	<0.01
TK23	Tank 23	VOC	0.50	0.01
TK24	Tank 24	VOC	0.01	<0.01
TK77	Tank 77	VOC	2.03	0.08
TF2-3	Tank TF2-3	VOC	0.07	<0.01
TF2-4	Tank TF2-4	VOC	4.82	0.10
TF2-5	Tank TF2-5	VOC	1.03	0.06
TF3-1	Tank TF3-1	VOC	2.02	0.07
TF3-3	Tank TF3-3	VOC	0.29	0.01
TF3-4	Tank TF3-4	VOC	1.59	0.10
TF3-7	Tank TF3-7	VOC	<0.01	<0.01
TF3-8	Tank TF3-8	VOC	1.83	0.01
TF3-9	Tank TF3-9	VOC	1.83	0.01
TF3-10	Tank TF3-10	VOC	6.04	0.04
TF3-15	Tank TF3-15	VOC	14.50	0.19
TF2FUG	Tank Farm 2 Fugitives	VOC	0.04	0.19
TF3FUG	Tank Farm 3 Fugitives	VOC	0.11	0.50

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
TF5FUG	Tank Farm 5 Fugitives	VOC	0.05	0.21
TF6FUG	Tank Farm 6 Fugitives	VOC	0.03	0.12
RSTD	Thindown Tanks	VOC	2.14	0.89
PFBLD	Production and Filling Building – Total	VOC	9.91	13.43
		Exempt Solvent	6.93	11.81
	Paint Production (FIN PTMIX)	VOC	3.01	5.14
		Exempt Solvent	3.46	5.90
	Container Loading (FIN PTFILL)	VOC	3.01	5.14
		Exempt Solvent	3.46	5.90
	Equipment Fugitives (FIN PFEQFUG)	VOC	0.42	1.86
	Paint Cleaning (FIN PTCLEAN)	VOC	3.46	1.30
RPBLD	Resin Production Building - Total	VOC	4.03	2.91
	Resin Decanter (FIN RC-1)	VOC	0.27	0.27
	Equipment Fugitives (FIN RSEQFUG)	VOC	0.31	1.34
	Resin Cleaning (FIN RSCLEAN)	VOC	3.46	1.30
CT	Cooling Tower	VOC	0.36	1.58
All Emission Points at the Site	All Sources at the Site	Individual HAP		<10.00
		Total HAPs		<25.00

- (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) 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

NO<sub>x</sub>

- volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- total oxides of nitrogen

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SO <sub>2</sub>	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM <sub>10</sub> and PM <sub>2.5</sub>
PM <sub>10</sub>	- total particulate matter equal to or less than 10 microns in diameter, including PM <sub>2.5</sub>
PM <sub>2.5</sub>	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide
HAP	- hazardous air pollutant as 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 (tons per year) is based on a 12 month rolling period.

(5) Products of combustion emissions.

(6) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: August 13, 2015