

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 18738

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	
			lbs/hour	TPY (4)
T20601	Phenolic Water Sump	VOC	3.59	0.32
V18520	Phenol/BPA Tanks	VOC	0.14	0.01
T-1850	Lube Oil Tank	VOC	0.03	0.01
BPA4WW	Wastewater Collection	VOC	0.45	1.98
T20907	Lube Oil Tank	VOC	0.03	0.01
T20908	Lube Oil Tank	VOC	0.03	0.01
T20909	Waste Oil Tank	VOC	0.03	0.01
V20903	Lube Oil Tank	VOC	0.03	0.01
T20802	Runoff Water Surge Tank	VOC	0.55	0.68
C20805	Tank Absorber	VOC	2.56	0.09
BPA4FE	Fugitives (4)	VOC	12.33	54.02
		HCl	0.05	0.25
		NaOH	0.01	0.01
18	Flare	VOC	4.16	18.23
		NO <sub>x</sub>	0.63	2.55
		SO <sub>2</sub>	95.00	118.70
		CO	3.21	12.98
T9554	Wash water Tank	VOC	0.81	0.28
T-20801	Wash water Tank	VOC	0.92	0.47
AE40600	ANALYZ/A40600	VOC	0.01	0.01

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AE40601	ANALYZ/A40601	VOC	0.01	0.01
A18258	Loading Dust Collector	PM	3.43	12.39
		PM <sub>10</sub>	3.43	12.39
		PM <sub>2.5</sub>	3.43	12.39
A1921	Railcar Filter	PM	0.03	0.09
		PM <sub>10</sub>	0.03	0.09
		PM <sub>2.5</sub>	0.03	0.09
S18509	Flaker Dust Collector	PM	2.57	10.36
		PM <sub>10</sub>	2.57	10.36
		PM <sub>2.5</sub>	2.57	10.36
S18512	Loading Dust Collector	PM <sub>10</sub>	1.71	7.51
		PM <sub>2.5</sub>	1.71	7.51
T18507	Caustic Tank	VOC	0.10	0.21
T18508	Water Surge Tank	VOC	3.31	0.01
T18509	BPA-3 Sump	VOC	0.25	0.02
T1851B	Acetone Tank	DMK	0.10	0.38
T18520	Lube Oil Tank	VOC	0.03	0.01
T18521	CIP Sump	VOC	4.28	0.01
T2414/T2415	Phenol Tanks	VOC	0.55	0.20
T6005	Caustic Tanks	VOC	0.10	0.40

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- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - total particulate matter  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
HCl - hydrogen chloride  
NaOH - Sodium Hydroxide  
DMK - Dimethylketone (acetone)
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: January 21, 2016