Emission Sources - Maximum Allowable Emission Rates

Permit Number 44726

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 (5)	
			lbs/hour	TPY (4)
FFUG	Latex Product Holding Tank S09	VOC	0.11	0.04
		Exempt Solvent	<0.01	<0.01
FFUG	Latex Product Holding Tank S11	VOC	0.11	0.04
		Exempt Solvent	<0.01	<0.01
FFUG	Latex Product Holding Tank S12	VOC	0.11	0.04
		Exempt Solvent	<0.01	<0.01
FFUG	Latex Product Holding Tank S13	VOC	0.11	0.04
		Exempt Solvent	<0.01	<0.01
FFUG	Latex Product Holding Tank S14	VOC	0.11	0.04
		Exempt Solvent	<0.01	<0.01
FFUG	Latex Product Holding Tank S15	VOC	0.11	0.04
		Exempt Solvent	<0.01	<0.01
FFUG	Latex Product Holding Tank S16	VOC	0.11	0.04
		Exempt Solvent	<0.01	<0.01
FFUG	Latex Product Holding Tank S19	VOC	0.11	0.04
		Exempt Solvent	<0.01	<0.01
FFUG	Latex Product Holding Tank Cap S09, S11, S12, S13, S14,S15, S16 and S19	VOC	0.22	---
		Exempt Solvent	0.01	---
FFUG	GEYER1	VOC	0.77	0.84
		Exempt Solvent	<0.01	<0.01
FFUG	GEYER2	VOC	0.77	0.84
		Exempt Solvent	<0.01	<0.01
FFUG	GEYER3	VOC	0.77	0.84

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		Exempt Solvent	<0.01	<0.01
FFUG	GEYER4	VOC	0.77	0.84
		Exempt Solvent	<0.01	<0.01
FFUG	HNDFIL	VOC	0.77	0.84
		Exempt Solvent	<0.01	<0.01
FFUG	GEYER1, GEYER2, GEYER 3, GEYER5, and HNDFIL Liquid Nails (Solvent and Latex) Product Filling	VOC	3.87	0.91
		Exempt Solvent	0.02	<0.01
FFUG	P8 Mulco Product Filling	VOC	0.27	0.25
FFUG	Mulco Portable Mixing Tank 1	VOC	0.30	0.32
FFUG	Mulco Portable Mixing Tank 2	VOC	0.30	0.32
FFUG	Mulco Portable Mixing Tank 3	VOC	0.30	0.32
FFUG	Mulco Portable Mixing Tank 4	VOC	0.30	0.32
FFUG	Mulco Portable Mixing Tank 5	VOC	0.30	0.32
FFUG	Mulco Portable Mixing Tank 6	VOC	0.30	0.32
FFUG	Latex Storage Tank S05	VOC	<0.01	<0.01
FFUG	Latex Storage Tank S06	VOC	<0.01	<0.01
FFUG	Latex Storage Tank S07	VOC	<0.01	<0.01
FFUG	Latex Storage Tank S08	VOC	<0.01	<0.01
FFUG	Process Equipment Leak Fugitive Emissions	VOC	0.72	3.13
		Exempt Solvent	0.44	1.92
		Ammonia	0.23	1.02
5A	Tri-Mixer 5A	VOC	3.90	3.52
5B	Tri-.Mixer 5B	VOC	3.90	3.52
5A and 5B	Tri Mixer Cap	VOC	---	3.52

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TK502	Vacuum Pump Vent	VOC	3.90	2.03
TK502	Vacuum Pump Vent	VOC	3.90	2.03
EXBLOWER	Vacuum Pump Liquid Seal Tank	VOC	3.90	2.03
M1	Mixer 1	VOC	3.73	5.53
		Exempt Solvent	<0.01	0.20
M4	Mixer 4	VOC	3.73	5.53
		Exempt Solvent	<0.01	0.20
DC	Mixer 1 VACUMAX	VOC	3.73	5.53
		Exempt Solvent	<0.01	0.01
DC	Mixer 4 VACUMAX	VOC	3.73	5.53
		Exempt Solvent	<0.01	0.01
M1, M4, DC CAP	Mixer 1, Mixer 4, Mixer1 VACUMAX. Mixer 4 VACUMAX	VOC	---	5.53
		Exempt Solvent	---	0.01
DC	Mixer 2	VOC	2.75	0.94
		Exempt Solvent	0.11	0.30
DC	Mixer 3	VOC	2.75	0.94
		Exempt Solvent	0.11	0.30
DC	Tri-Mixer A	VOC	3.90	3.52
DC	Tri-Mixer B	VOC	3.90	3.52
DC	Auger Solid Addition 1, Auger Solid Addition 2, Hapman Solid Addition 3, Auger Solid Addition 4, Auger Solid Addition 5, VACUMAX 1, VACUMAX 2, Mixer 2, Mixer 3, Tri-Mixer 5A, and Tri-Mixer 5B	PM	0.26	1.13
		PM_{10}	0.26	1.13
		$PM_{2.5}$	0.26	1.13
		Lead	0.0000003	0.0000018
DC	Dust Collector Planned MSS	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
FFUG	Solvent Product	VOC	0.77	0.67

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		Exempt Solvent	<0.01	<0.01
FFUG	Solvent Product Holding S17	VOC	0.11	0.04
		Exempt Solvent	<0.01	<0.01
FFUG	Solvent Product Holding S18	VOC	0.77	0.67
		Exempt Solvent	<0.01	<0.01
FFUG	Solvent Product Holding 300-TK-023	VOC	0.77	0.67
		Exempt Solvent	<0.01	<0.01
FFUG	Solvent Product Holding S24	VOC	0.77	0.67
		Exempt Solvent	<0.01	<0.01
FFUG	Solvent Product Holding S10, S17, S18, 300-TK-023, S24	VOC	1.55	1.35
		Exempt Solvent	<0.01	<0.01
S01	Solvent Storage Tank	VOC	0.08	0.23
S02	Solvent Storage Tank	VOC	0.67	2.09
S03	Solvent Storage Tank	VOC	0.67	2.09
S04	Solvent Storage Tank	VOC	0.02	<0.01
S20	Solvent Storage Tank	VOC	0.27	0.40
S21	Solvent Storage Tank	VOC	0.27	0.40
S22	Solvent Storage Tank	VOC	0.08	0.23
S23	Solvent Storage Tank	VOC	0.04	<0.01
OUTTOTEFUG	Mini Bulk Latex Tank	VOC	<0.01	<0.01
OUTTOTEFUG	Mini Bulk Latex Tank	VOC	<0.01	<0.01
OUTTOTEFUG	Mulco Press Plate Tank	VOC	<0.01	<0.01
OUTTANKFUG	Equipment Fugitives from Outdoor Tank Farm	VOC	0.80	3.50
B1	4.18 MMBtu/hr Natural Gas Fired Boiler	VOC	0.03	0.11
		NO_x	0.46	2.01
		CO	0.39	1.69
		SO_2	<0.01	0.02
		PM	0.03	0.15

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		PM_{10}	0.03	0.15
		$PM_{2.5}$	0.03	0.15
LINECLR	Line Clearing	VOC	0.19	0.83
PUMP	Pump Repair	VOC	0.03	<0.01
SAMPLE	Sampling	VOC	0.01	0.16
TASNKCLN	Tank Cleaning	VOC	2.88	0.21
BIO	Latex Biocide Mist	VOC	2.04	<0.01
LOAD	Loading from Xylene Vapor Separator	VOC	0.02	<0.01
All Sources at Site	All Sources at Site	Individual HAP	---	<10
		Total HAP	---	<25

(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 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - 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) Includes planned maintenance, startup and shutdown activities.

Date: December 5, 2017