

Emission Sources - Maximum Allowable Emission Rates

Permit Number 18104

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)
025B1	Storage Bins Vents	PM	2.88	0.61
		PM ₁₀	2.88	0.61
		PM _{2.5}	2.88	0.61
025B2	Storage Bins Vents	PM	0.20	0.64
		PM ₁₀	0.20	0.64
		PM _{2.5}	0.20	0.64
025D103SS	Bulk Sack Loading	PM	0.07	0.03
		PM ₁₀	0.07	0.03
		PM _{2.5}	0.07	0.03
025F113	Bag Filter Vent	PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	0.02	0.07
025F160	Bag Filter Vent	PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
025AOS1	Compressor Bypass	VOC	49.25	2.96
025AOS2	Scrubber Bypass	Acetone	1.25	0.21
		VOC	27.40	4.62
		CO	3.93	0.66
025AOS3	Condenser Bypass	VOC	1.94	0.11
025MNT1	MSS Emissions	Acetone	0.43	0.02

		VOC	13.90	0.27
		PM	0.07	0.01
		PM ₁₀	0.07	0.01
		PM _{2.5}	0.07	0.01
		CO	1.31	0.04
025VS1	Pelletizer Vent	VOC	1.11	1.48
025VS2	Pelletizer Vent	VOC	0.50	2.00
		PM	0.01	0.03
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
025E108	Vacuum System Vent	VOC	0.18	0.75
025S122	Water Scrubber Vent	VOC	1.44	6.09
		Acetone	0.63	2.73
		CO	3.93	17.19
		PM	0.06	0.21
		PM ₁₀	0.06	0.21
		PM _{2.5}	0.06	0.21
025T104	Knockout Tank Vent	VOC	0.01	0.01
025WD	Waste Drum Vent	VOC	0.02	0.01
025WR1	Waste Removal Loading Vent	VOC	0.68	0.01
065BER	Beringer Jet Cleaner Vent	VOC	0.75	1.33
		PM	0.04	0.07
		PM ₁₀	0.04	0.07
		PM _{2.5}	0.04	0.07
065GRAN	Granulator	PM	0.02	0.01
		PM ₁₀	0.02	0.01
		PM _{2.5}	0.02	0.01

065LR1	Pellet Loading Vent	PM	1.64	0.81
		PM ₁₀	1.64	0.81
		PM _{2.5}	1.64	0.81
065TWO	Used Oil Tank Vent	VOC	<0.01	<0.01
F025C101	Refrigeration System Process Fugitives (5)	R-22	2.25	0.39
		R-12	1.06	0.16
F025FG1	Process Fugitives (5)	Acetone	0.01	0.01
		VOC	1.10	4.64
		CO	0.01	0.01
F025WW1	Wastewater Fugitives (5)	Acetone	0.19	0.82
		VOC	0.60	2.55
F025FG4	Building Fugitives (5)	PM	0.41	1.77
		PM ₁₀	0.41	1.77
		PM _{2.5}	0.41	1.77

- (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
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - 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
- R-12 - Refrigerant 12 (dichlorodifluoromethane)
- R-22 - Refrigerant 22 (chlorodifluoromethane)
- (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: February 28, 2024