

Emission Sources - Maximum Allowable Emission Rates

Permit Number 55504

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)
FUGREC	Receiving Operations Fugitives (6)	PM	5.40	1.35
		PM ₁₀	1.77	0.44
		PM _{2.5}	1.77	0.44
PROCFUG	Process Operations Fugitives (6)	PM	0.48	0.77
		PM ₁₀	0.23	0.37
		PM _{2.5}	0.21	0.35
		HCl	0.10	0.16
C-6	Treater/Bagger Cyclone Stack	PM	0.39	1.18
		PM ₁₀	0.39	1.18
		PM _{2.5}	0.39	1.18
C-8	Seed Cleaner Cyclone Stack	PM	0.37	0.61
		PM ₁₀	0.20	0.34
		PM _{2.5}	0.03	0.06
C-9	Gravity Table/Color Sorter Paired Cyclone Stack	PM	0.73	0.61
		PM ₁₀	0.41	0.34
		PM _{2.5}	0.07	0.06
C-10	Fuzzy Seeds and Dryer Cyclone Stack	PM	0.37	0.61
		PM ₁₀	0.20	0.34
		PM _{2.5}	0.03	0.06
		SO ₂	<0.01	<0.01
		NO _x	0.20	0.60
		CO	0.16	0.48
		VOC	0.01	0.03
C-11	Seed Aspirator Cyclone Stack	PM	0.65	1.95
		PM ₁₀	0.65	1.95

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		PM _{2.5}	0.65	1.95
DC-01	Delinting Operations Dust Collector Stack (Delinting Drum and Delinting Burner)	PM (Including NH ₄ Cl)	1.54	4.63
		PM ₁₀ (Including NH ₄ Cl)	1.54	4.63
		PM _{2.5} (Including NH ₄ Cl)	1.54	4.63
		NH ₃	1.00	1.50
		SO ₂	0.01	0.01
		NO _x	0.10	0.30
		CO	0.08	0.24
		VOC	0.01	0.03
F-2	Housekeeping Vacuum System Filter Stack	PM	0.05	0.15
		PM ₁₀	0.05	0.15
		PM _{2.5}	0.05	0.15
L-1	Loadout Fugitive (6)	PM	5.59	0.22
		PM ₁₀	1.89	0.07
		PM _{2.5}	0.32	0.07
DC-2	Gravity Table Dust Collector	PM	1.30	3.91
		PM ₁₀	1.30	3.91
		PM _{2.5}	1.30	3.91

- (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
- NO_x
 - total oxides of nitrogen
- SO₂
 - sulfur dioxide
- 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
- NH₄Cl
 - ammonium chloride
- NH₃
 - anhydrous ammonia
- HCl
 - hydrogen chloride
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: September 8, 2023

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