

Emission Sources - Maximum Allowable Emission Rates

Permit Number 21408

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)
CLR001	Cleaner Cyclone	PM	2.25	0.825
		PM10	0.57	0.209
		PM2.5	0.096	0.035
ULF001	Pit No. 40 Receiving	PM	14.97	1.96
		PM ₁₀	7.48	0.98
ULF002	Pit No. 30 Receiving	PM	14.97	1.96
		PM ₁₀	7.48	0.98
ULF003	Bulk Storage Receiving Bin	PM	14.76	1.96
		PM ₁₀	7.38	0.98
CCF001	Pit No. 50 Receiving	PM	2.52	1.96
		PM ₁₀	1.26	0.98
DRF003	Portable Bin Dryer No. 1 Receiving	PM	0.05	1.96
		PM ₁₀	0.03	0.98
DRF004	Portable Bin Dryer No. 2 Receiving	PM	0.05	1.96
		PM ₁₀	0.03	0.98
DRF005	Bin Dryer No. 9 Receiving	PM	0.76	1.96
		PM ₁₀	0.38	0.98
DRF006	Bin Dryer No. 8 Receiving	PM	0.76	1.96
		PM ₁₀	0.38	0.98
DRF007	Bin Dryer No. 7 Receiving	PM	0.57	1.96
		PM ₁₀	0.28	0.98

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	Total Annual Bulk Receiving Operations	PM	--	1.96
		PM ₁₀	--	0.98
CC0001	System No. 1 and 2 Bag Filter Stack	PM	2.09	0.16
		PM ₁₀	2.09	0.16
TR0001	System No. 3 Red Dust and Rebag Cartridge Filter Stack	PM	1.70	1.11
		PM ₁₀	1.70	1.11
CC0002	System No. 4 Gravity Table Cartridge Filter Stack	PM	1.71	1.12
		PM ₁₀	1.71	1.12
CC0003	System No. 5 Gravity Table Cartridge Filter Stack	PM	1.71	1.12
		PM ₁₀	1.71	1.12
CC0004	System No. 6 Seed Stock Bag Filter Stack	PM	1.25	0.02
		PM ₁₀	1.25	0.02
CC0004	System No. 7 Seed Stock Bag Filter Stack	PM	1.25	0.02
		PM ₁₀	1.25	0.02
CC0005	System No. 8 Seed Stock Gravity Table Cartridge Filter Stack	PM	1.03	0.01
		PM ₁₀	1.03	0.01
QA0001	Quality Assurance Cyclone System	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
PCF001	Precleaning	PM	5.04	0.66
		PM ₁₀	2.52	0.33
PC0001	Precleaning Cyclone System	PM	33.06	4.40
		PM ₁₀	33.06	4.40
ULF001	Pit No. 40 Loadout	PM	7.56	--
		PM ₁₀	3.78	--
ULF002	Pit No. 30 Loadout	PM	7.56	--

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		PM ₁₀	3.78	--
ULF003	Bulk Storage Bin Loadout	PM	3.24	--
		PM ₁₀	1.62	--
DRF001	Column Dryer No. 1 Loadout	PM	1.21	--
		PM ₁₀	0.61	--
DRF002	Column Dryer No. 2 Loadout	PM	1.08	--
		PM ₁₀	0.54	--
DRF003	Portable Bin Dryer No. 1 Loadout	PM	0.03	--
		PM ₁₀	0.01	--
DRF004	Portable Bin Dryer No. 2 Loadout	PM	0.03	--
		PM ₁₀	0.01	--
DRF005	Bin Dryer No. 9 Loadout	PM	0.15	--
		PM ₁₀	0.07	--
DRF006	Bin Dryer No. 8 Loadout	PM	0.15	--
		PM ₁₀	0.07	--
DRF007	Bin Dryer No. 7 Loadout	PM	0.57	--
		PM ₁₀	0.28	--
	Total Annual Loadout Operations	PM	--	1.98
		PM ₁₀	--	0.99
DRF001	Column Dryer No. 1	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
DRF001	Column Dryer No. 1	NO _x	0.17	0.05
		CO	0.03	0.12
		SO ₂	<0.01	<0.01

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DRF002	Column Dryer No. 2	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		NO _x	0.05	0.01
		CO	0.01	<0.01
		SO ₂	<0.01	<0.01
DRF003	Portable Dryer No. 1	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		NO _x	0.02	<0.01
		CO	<0.01	<0.01
		SO ₂	<0.01	<0.01
DRF004	Portable Dryer No. 2	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		NO _x	0.02	<0.01
		CO	<0.01	<0.01
		SO ₂	<0.01	<0.01
DRF005	Storage Bin Dryer No. 9	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		NO _x	0.02	<0.01
		CO	<0.01	<0.01

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		SO ₂	<0.01	<0.01
DRF006	Storage Bin Dryer No. 8	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		NO _x	0.02	<0.01
		CO	<0.01	<0.01
		SO ₂	<0.01	<0.01
DRF007	Storage Bin Dryer No. 7	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		NO _x	0.02	<0.01
		CO	<0.01	<0.01
		SO ₂	<0.01	<0.01

- (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
 CO - carbon monoxide
- (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.

Dated: May 24, 2022