

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 26065

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. 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)	<u>Emission Rates</u>	
			lb/hr	TPY
E-1	Rec Pit No. 1 (a) Grains	TSP	4.50	5.40
		PM ₁₀	2.25	2.70
E-2A	Rec Pit No. 2 (b) Grains	TSP	1.56	0.89
		PM ₁₀	0.78	0.45
E-2B	Rec Pit No. 2 (c) Ingredients	TSP	4.76	0.85
		PM ₁₀	2.38	0.43
E-3	Ingredient (d) Rec Leg	TSP	0.30	0.05
		PM ₁₀	0.15	0.03
E-4	Pregrind No. 1 (e)	TSP	0.25	0.64
		PM ₁₀	0.13	0.32
E-5	Pregrind No. 2 (e)	TSP	0.25	0.64
		PM ₁₀	0.13	0.32
E-6	Ingredient (f) Distributor	TSP	0.40	0.38
		PM ₁₀	0.20	0.19
E-7	Ground Grain (g) Bin vent filter	TSP	0.08	0.20
		PM ₁₀	0.04	0.10
E-8	Pneumatic Rec Bin (h) Vent filter	TSP	0.02	0.01
		PM ₁₀	10.01	<0.01
E-12	Ration Distributor (i)	TSP	0.16	0.49
		PM ₁₀	0.08	0.25
E-13	Counterflow (j) Cooler No. 1	TSP	2.74	6.88
		PM ₁₀	1.37	3.44

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E-14	Counterflow (j) Cooler No. 2	TSP	2.74	6.88
		PM ₁₀	1.37	3.44
E-15	Counterflow (j) Cooler No. 3	TSP	2.74	6.88
		PM ₁₀	1.37	3.44

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
	Counterflow (j) Cooler No. 4	TSP	2.74	6.88
		PM ₁₀	1.37	3.44
E-16	Boiler No. 1 (k)	PM ₁₀	0.11	0.39
		SO ₂	0.01	0.05
		NO _x	2.94	10.95
		CO	0.74	2.74
		VOC	0.06	0.24
E-17	Boiler No. 2 (k)	PM ₁₀	0.11	0.39
		SO ₂	0.01	0.05
		NO _x	2.94	10.95
		CO	0.74	2.74
		VOC	0.06	0.24
E-18	Truck Loadout No. 1 (l)	TSP	1.50	2.46
		PM ₁₀	0.75	1.23
E-19	Truck Loadout No. 2 (l)	TSP	1.50	2.46
		PM ₁₀	0.75	1.23
E-20	Rec Pit No. 1 (a) Dust Control	TSP	0.15	0.18
		PM ₁₀	0.08	0.09

- (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) TSP - total suspended particulate matter including PM₁₀
 PM₁₀ - particulate matter less than 10 microns

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SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 250 tons and an annual throughput of 600,000 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 160 tons and an annual throughput of 170,832 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 110 tons and an annual throughput of 31,306 tons of feed ingredients.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 475 tons and an annual throughput of 31,306 tons of feed ingredients.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 255,528 tons of feed and feed ingredients.
- (f) Emission rates are based on and the facilities are limited to an hourly throughput of 475 tons and an annual throughput of 220,220 tons of feed and feed ingredients.
- (g) Emission rates are based on and the facilities are limited to an hourly throughput of 100 tons and an annual throughput of 511,056 tons of feed and feed ingredients.
- (h) Emission rates are based on and the facilities are limited to an hourly throughput of 11 tons and an annual throughput of 8,008 tons of feed and feed ingredients.
- (i) Emission rates are based on and the facilities are limited to an hourly throughput of 122.5 tons and an annual throughput of 746,928 tons of feed and feed ingredients.
- (j) Emission rates are based on and the facilities are limited to an hourly throughput of 39.4 tons and an annual throughput of 196,575 tons of feed and feed ingredients.
- (k) Emission rates are based on and the facilities are limited to an operating schedule of 24 hours/day, 7 days/week, and 52 weeks/year, or 8,760 hours/year.
- (l) Emission rates are based on and the facilities are limited to an hourly throughput of 240 tons

and an annual throughput of 786,240 tons of feed and feed ingredients.

Dated_____

