

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2461

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.

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	AIR CONTAMINANTS DATA	
			lb/hr	TPY
1	Receiving Cyclone (a)	PM ₁₀	2.40	1.60
4	Seed Delinting Bag Filter System (b)	NH ₄ Cl	0.45	0.35
		NH ₃	0.75	0.50
5	Seed Delinting Bag Filter System (b)	NH ₄ Cl	0.45	0.35
		NH ₃	0.75	0.50
	Cull Bin Hopper Loadout (a)	TSP	0.13	0.09
		PM ₁₀	0.07	0.04
2	Neutralizer Cyclone (b)*	PM ₁₀	2.40	1.60
		NH ₃	3.00	2.30
3	Buffing Reel Cyclone (b)*	PM ₁₀	2.40	1.60
		HCl	6.00	4.60

(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 including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 NH₄Cl - ammonium chloride
 NH₃ - anhydrous ammonia
 HCl - hydrochloric acid

(a) Emission rates are based on and the facilities are limited to an hourly throughput of 6 tons and an annual throughput of 8,000 tons of seed.

(b) Emission rates are based on and the facilities are limited to an hourly throughput of 6 tons of seed, 0.030 tons of HCl and 0.015 tons of NH₃ and an annual throughput of 8,000 tons of seed, 40 tons of HCl, and 20 tons of NH₃.

(*) These emissions will only occur when the facility is operating under the alternate method

proposed in the permit application which isolates the NH_3 and HCl gas streams.

Revised_____