

Emission Sources - Maximum Allowable Emission Rates

Permit Number 157263

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)
FUG	Fugitive Emissions (5)	NH ₃	0.20	0.87
EF-002	Fugitive Emissions routed to Building Exhaust (5)	NH ₃	0.07	0.25
		VOC	<0.01	<0.01
		TMAH	0.02	0.05
DSCNT-FUG1	NH ₃ Offloading Disconnections	NH ₃	0.03	<0.01
DSCNT-FUG2	NH ₄ OH Loading Disconnections	NH ₃	0.02	<0.01
DSCNT-FUG3	TMAH Loading Disconnections – Truck	TMAH	<0.01	<0.01
DSCNT-FUG4	TMAH Loading Disconnections – IBC	TMAH	<0.01	<0.01
SC-1622A	NH ₄ OH Scrubber	NH ₃	0.02	0.09
		TMAH	0.09	0.41
SC-1631A	MTN Scrubber	VOC	0.04	0.18
		Halogenated Compounds	<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) NH₃ – Ammonia
TMAH – N,N,N-trimethylmethanaminium hydroxide hydrate (1:1)
VOC – Volatile Organic Compounds
HAP – Hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(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: November 16, 2023