

Emission Sources - Maximum Allowable Emission Rates

Permit Number 43009

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)
CAT	Catalytic Converter	VOC	2.95	12.92
		NO _x	1.13	4.95
		CO	11.88	52.04
FUG1	Formaldehyde Process Equipment Fugitives (5)	VOC	0.62	2.68
		CO	0.16	0.69
FUG2	Triazine Process Equipment Fugitives (5)	VOC	0.57	2.47
FUGGL	Equipment Fugitives – additive (5)	VOC	< 0.01	0.01
FUGNH3	Equipment Fugitives (5)	NH ₃	0.02	0.10
FUGZO	Equipment Fugitives (5)	VOC	0.04	0.15
URLOAD	Urea offloading	PM	0.03	0.10
		PM ₁₀	0.03	0.10
		PM _{2.5}	0.03	0.10

- (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.
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 – Total VOC includes HAPs.
NO_x - total oxides of nitrogen
CO - carbon monoxide
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
NH₃ - anhydrous or aqueous ammonia
- (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: February 28, 2024