

EMISSION SOURCES - CERTIFIED EMISSION RATES

Registration Number 87535

This table lists the certified emission rates and all sources of air contaminants on the applicant's property covered by this registration. The emission rates shown are those derived from information submitted as part of the registration for PBR.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
REXHSTK1	Rich-burn 203-hp Caterpillar G3306 TA Engines equipped with NSCR catalyst	VOC	0.165	0.73
		NO _x	0.224	0.98
		CO	0.447	1.96
		PM ₁₀	0.0165	0.07
		PM _{2.5}	0.0165	0.07
		SO ₂	0.0239	0.11
		CH ₂ O	0.112	0.49
REXHSTK2	Rich-burn 203-hp Caterpillar G3306 TA Engines equipped with NSCR catalyst	VOC	0.165	0.73
		NO _x	0.224	0.98
		CO	0.447	1.96
		PM ₁₀	0.0165	0.07
		PM _{2.5}	0.0165	0.07
		SO ₂	0.0239	0.11
		CH ₂ O	0.112	0.49
FUGITIVES	Site Fugitives	VOC	1.352	5.92
		HAPs	0.018	0.08
TANKVENT1	970-bbl Condensate Tank	VOC	0.208	0.91
		HAPs	0.016	0.07
TANKVENT2	400-bbl Blowdown Tank	VOC	0.027	0.12
		HAPs	0.002	0.01

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Air Contaminant	Total Emission Rates	
	lbs/hr	tons per year
VOC	1.917	8.41
NO _x	0.448	1.96
CO	0.894	3.92
SO ₂	0.0478	0.22
PM ₁₀	0.033	0.14
PM _{2.5}	0.033	0.14
CH ₂ O	0.224	0.98
HAPs	0.036	0.16

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- CO - carbon monoxide
- SO₂ - sulfur dioxide
- 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
- 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
- CH₂O - formaldehyde
- (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. Emission values should be used for federal applicability.

Effective

Date: _____