

Emission Sources - Maximum Allowable Emission Rates

Permit Number 165579

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)
EG1	Engine-Generator 1	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG2	Engine-Generator 2	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01

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EG3	Engine-Generator 3	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG4	Engine-Generator 4	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG5	Engine-Generator 5	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG6	Engine-Generator 6	NO _x	0.59	0.09
		CO	0.17	0.03

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		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG7	Engine-Generator 7	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG8	Engine-Generator 8	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG9	Engine-Generator 9	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01

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		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG10	Engine-Generator 10	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG11	Engine-Generator 11	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01
		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
EG12	Engine-Generator 12	NO _x	0.59	0.09
		CO	0.17	0.03
		VOC	0.01	<0.01
		PM	0.03	0.01
		PM ₁₀	0.03	0.01
		PM _{2.5}	0.03	0.01

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		SO ₂	0.01	<0.01
		H ₂ SO ₄	<0.01	<0.01
		NH ₃	0.06	0.01
Sitewide HAPs (5)		Single HAP		<10.00
		Total HAPs		<25.00

- (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
- NO_x
 - total oxides of nitrogen
- SO₂
 - sulfur dioxide
- 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
- CO
 - carbon monoxide
- H₂SO₄
 - sulfuric acid
- NH₃
 - ammonia
- 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) The sitewide allowable emissions of HAPs will be less than 10 tons per year (tpy) for any single HAP and less than 25 tpy for all HAPs. Compliance with these allowables is demonstrated by meeting the requirements of the permit application representations.

Date: March 23, 2022