

Emission Sources - Maximum Allowable Emission Rates

Permit Number 94791

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)
101	Storage tank	VOC	64.43	--
		Exempt Solvent	66.21	--
102	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
103	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
104	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
105	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
106	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
107	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
108	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
109	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
110	Storage tank	VOC	70.87	--
		Exempt Solvent	72.84	--

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111	Storage tank	VOC	64.43	--
		Exempt Solvent	66.21	--
112	Storage tank	VOC	39.46	--
		Exempt Solvent	40.56	--
113	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
114	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
115	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
116	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
117	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
118	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
119	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
120	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
121	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
122	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
123	Storage tank	VOC	77.97	--

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		Exempt Solvent	80.12	--
124	Storage tank	VOC	64.43	--
		Exempt Solvent	66.21	--
125	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
126	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
127	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
128	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
129	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
130	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
131	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
132	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
133	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
134	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
135	Storage tank	VOC	64.43	--
		Exempt Solvent	66.21	--

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136	Storage tank	VOC	39.46	--
		Exempt Solvent	40.56	--
137	Storage tank	VOC	39.46	--
		Exempt Solvent	40.56	--
138	Storage tank	VOC	39.46	--
		Exempt Solvent	40.56	--
139	Storage tank	VOC	39.46	--
		Exempt Solvent	40.56	--
140	Storage tank	VOC	39.46	--
		Exempt Solvent	40.56	--
141	Storage tank	VOC	46.86	--
		Exempt Solvent	48.16	--
143	Storage tank	VOC	46.86	--
		Exempt Solvent	48.16	--
144	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
145	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
146	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
147	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
148	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
149	Storage tank	VOC	77.97	--

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		Exempt Solvent	80.12	--
150	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
151	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
152	Storage tank	VOC	64.43	--
		Exempt Solvent	66.21	--
153	Storage tank	VOC	64.43	--
		Exempt Solvent	66.21	--
154	Storage tank	VOC	39.46	--
		Exempt Solvent	40.56	--
155	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
156	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
157	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
158	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
159	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
160	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
161	Storage tank	VOC	48.32	--
		Exempt Solvent	49.66	--

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162	Storage tank	VOC	48.32	--
		Exempt Solvent	49.66	--
163	Storage tank	VOC	48.32	--
		Exempt Solvent	49.66	--
164	Storage tank	VOC	39.46	--
		Exempt Solvent	40.56	--
165	Storage tank	VOC	39.46	--
		Exempt Solvent	40.56	--
166	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
167	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
168	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
169	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
170	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
171	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
172	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
173	Storage tank	VOC	77.97	--
		Exempt Solvent	80.12	--
B1	Blend Tank	VOC	63.95	--

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		Exempt Solvent	65.72	--
B2	Blend Tank	VOC	63.95	--
		Exempt Solvent	65.72	--
B3	Blend Tank	VOC	28.93	--
		Exempt Solvent	29.73	--
S1	Silicone Storage Tank	VOC	69.26	--
		Exempt Solvent	71.18	--
SB1	Silicone Blend Tank	VOC	12.84	--
		Exempt Solvent	13.19	--
ALL TANKS	All Tanks	VOC	-	13.84
		Exempt Solvent	-	89.32
RL	Railcar Loading	VOC	1.92	0.01
		Exempt Solvent	2.11	0.01
DL-9	Drum Loading Station 9	VOC	0.55	0.01
		Exempt Solvent	0.61	0.01
RTO1	Regenerative Thermal Oxidizer	Total VOC	5.24	3.04
		Isopropyl Ether (6)	2.56	--
		N-butyraldehyde (6)	0.50	--
		Hexene (6)	2.54	--
		Octene (6)	0.70	--
		Exempt Solvent	4.58	0.55
		CO	1.95	0.82
		NOx	0.42	0.42
		PM	0.01	0.02
		PM ₁₀	0.01	0.02

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		PM _{2.5}	0.01	0.02
		SO ₂	0.01	0.02
FUG1	Fugitive Area 1	VOC	1.27	5.56
		Exempt Solvent	1.27	5.56
FUG2	Fugitive Area 2	VOC	0.24	1.03
		Exempt Solvent	0.24	1.03
ALL	Site-wide Emissions (7)	Total VOC	-	23.5
		Total Exempt Solvent	-	96.5
		Individual HAPS	-	<10.00
		Aggregate 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) 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
 - 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
 - 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.
- (6) Short term and annual emissions are included in Total VOC short term and annual limits.
- (7) Cap includes all emissions as authorized by 30 TAC Chapter 116 and 30 TAC Chapter 106 for the site.

Date: July 28, 2023