

Emission Sources - Maximum Allowable Emission Rates

Permit Number 75271

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 (7)	
			lbs/hour	TPY (4)
I-2	Regenerative Thermal Oxidizer Captured emissions from printing ink, over-varnish can coating, inside lacquer can coating, pin ovens, and inside bake ovens	VOC	1.40	4.56
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		VOC (6)	0.13	0.56
		PM (6)	0.20	0.89
		PM ₁₀ (6)	0.20	0.89
		PM _{2.5} (6)	0.20	0.89
		SO ₂	0.01	0.06
		NO _x	2.45	10.73
		CO	1.94	8.51
PO1, PO2, PO3, PO4, LSM1, LSM2, LSM3, IBO1, and IBO3	Bypass	VOC (5)	45.52	2.00
		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01
		PM _{2.5} (5)	<0.01	<0.01
		VOC (6)	0.08	<0.01
		PM (6)	0.12	0.01
		PM ₁₀ (6)	0.12	0.01
		PM _{2.5} (6)	0.12	0.01
		SO ₂	0.01	<0.01
		NO _x	1.52	0.08
		CO	1.28	0.06
F-1	Plant Fugitive	VOC	24.41	90.14
F-2	Tank Building	VOC	0.42	0.05

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DS	Can Washer Dryer (Standby)	VOC (6)	0.05	0.21
		PM (6)	0.07	0.29
		PM ₁₀ (6)	0.07	0.29
		PM _{2.5} (6)	0.07	0.29
		SO ₂	<0.01	0.02
		NO _x	0.88	3.86
		CO	0.74	3.25
DW	Can Dryer (Main Washer)	VOC (6)	0.06	0.26
		PM (6)	0.08	0.36
		PM ₁₀ (6)	0.08	0.36
		PM _{2.5} (6)	0.08	0.36
		SO ₂	<0.01	0.03
		NO _x	1.08	4.72
		CO	0.91	3.97
All Emissions Points at the Site	All Sources at the Site	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}
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
 - 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 rates during bypass of the regenerative thermal oxidizer (RTO) during scheduled maintenance on the RTO. Can manufacturing during bypass of the RTO is limited to two can manufacturing lines and to a period not to exceed 100 hours in any rolling 12 month period.
- (6) Product of combustion emissions.
- (7) Allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: July 19, 2017