

Emission Sources - Maximum Allowable Emission Rates

Permit Number 17777

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 (5)	
			lbs/hour	TPY (4)
1	Cleaver Brooks Boiler (25.1 MMBtu/hr boiler) (6)	VOC	0.14	0.45
		NO _x	3.59	9.16
		CO	2.07	6.94
		PM	0.36	0.73
		PM ₁₀	0.36	0.73
		PM _{2.5}	0.36	0.73
		SO ₂	1.29	0.51
2	CRP (Chrome Plating Tank vented through Mist Eliminator)	Chromic Acid	<0.001	<0.001
		Sulfuric Acid	<0.01	<0.01
3	WD1 (Web Dryer 1 at Rotogravure Press No. 1) (6)	VOC	0.01	0.04
		NO _x	0.16	0.71
		CO	0.14	0.60
		PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		SO ₂	<0.01	<0.01
4	WD2 (Web Dryer 2 at Rotogravure Press No. 2) (6)	VOC	0.01	0.04
		NO _x	0.16	0.71
		CO	0.14	0.60
		PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		SO ₂	<0.01	<0.01

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FUG-1	Combined Emissions from Rotogravure Presses 1 and 2, Ink Mixing, and Proof Press	VOC	81.12	86.65
		Ammonia	0.81	0.87
FUG-2	Combined Emissions from Flexographic Printing Press Nos. 1, 2, and 3	VOC	2.50	3.75
		Ammonia	0.03	0.04
FUG-3	Combined Emissions from Process Gluing Operations	VOC	2.00	8.75
All Emission Points at the Site	All Sources at the Site	Individual HAP	---	<10.00
		Total HAP	---	<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}
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) Allowable emissions for all sources include emissions from planned maintenance, startup and shutdown activities.
(6) Products of combustion.

Date: November 20, 2017