

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 89377

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)
Stacks 1a/b/c	Pledget Tinting/ Drying	VOC	27.28	34.71
Stack 2	Ampoule Washing	VOC	1.04	4.57
Stack 3	Formulation	VOC	0.28	0.06
		Exempt Solvent	0.15	<0.01
Stack 4	Chem lab	VOC	<0.01	0.02
Stack 5	R&D Lab	VOC	0.10	0.62
Stack 6a/b/c/d/e/f	26ml Dust Collectors	PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	0.02
		PM <sub>2.5</sub>	<0.01	0.02
Fugitive 1	Bonding	VOC	2.98	7.44
		Exempt Solvent	0.99	3.39
Fugitive 2	Ink Usage	VOC	1.96	3.43
		Exempt Solvent	0.37	0.65
Fugitive 3	Microbiology Lab	VOC	0.02	0.06
Site-wide	All Sources (5)	Individual HAPs	--	<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) 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 § 101.1PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented

PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented

PM<sub>2.5</sub> - 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

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) The allowable emission rates include planned maintenance, startup, and shutdown activities

Date: February 5, 2021

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