

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name *	Name (2)	lb/hr	TPY (3)

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Permit Number 18915

This table lists the maximum allowable emission rates from all sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates *</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

Building A

ASF1	Fab 10 Uncontrolled Processes	VOC	1.41	6.17
AS1	Fab Nos. 10, 11, and 12	VOC	44.50(4)	14.60(5)
	Processes Controlled by	Exempt Solvent	40.03(4)	15.15(5)
	Thermal Oxidizer	Inorganics	0.04	0.16
		PM	0.18	0.80
		SO ₂	<0.01	<0.01
		NO _x	0.04	0.18
		CO	<0.01	0.02
		VOC (5)	<0.01	<0.01
		PM (5)	<0.01	<0.01
AF1A and/or AF1B	Fab 10 and Fab 11	VOC	0.60	2.62
and/or AF2 and/or	Processes Controlled by	Halocarbons	<0.01	0.01
AF3A and/or AF3B	Ammonia/Alkali Scrubbers,	Acids	0.51	2.24
and/or AF4 and/or	Acid Scrubbers, and Guardian	Inorganics	0.20	0.88
AF5A and/or AF5B	Oxidizers	Specialty Gases	<0.01	0.02
and/or AF5C and/or		PM	<0.01	<0.01
AF5D and/or AF5E				

ABB1	Calibration Baths	Halocarbons	1.03	4.50
		PM	<0.01	<0.01
AST1	Waste Solvent Tanks	VOC	0.02	0.05
		Exempt Solvent	0.09	0.24
ABS2	Boiler Nos. 1, 2, and 3	NO _x	2.24	9.81
		SO ₂	0.01	0.05
		CO	1.88	8.23
		PM	0.17	0.75
		VOC	0.12	0.54
AIWT1-3	Industrial Wastewater Treatment Tanks 1, 2, and 3	VOC (6)	<0.01	<0.01

Buildings B and F

BS1 and/or BS2 and/or FS1 and/or FS2	Uncontrolled Assembly, Cleaning and Prototype Processes	VOC	1.10	4.83
		Exempt Solvent	0.02	0.09
		Halocarbons	0.46	2.00
		Acids	<0.01	<0.01
		PM	0.02	0.10

(1) Emission point identification from a site plan

- (2) VOC - carbon compounds and as identified on Attachment 1
- PM - particulate matter, suspended in the atmosphere, including PM₁₀ as defined in Title 30 Texas Administrative Code §101.1, and as identified in Attachment 1
- PM₁₀ - particulate matter equal to or less than 10 microns in diameter
- NO_x - nitrogen oxides
- SO₂ - sulfur dioxide
- CO - carbon monoxide
- Exempt Solvents - carbon compounds as defined in 30 TAC § 101.1, and as identified in Attachment 1

Halocarbons - as identified in Attachment 1
Acids - as identified in Attachment 1
Inorganics - as identified in Attachment 1

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- (3) Rates are for a rolling 12-consecutive months
- (4) Uncontrolled emissions during maintenance of thermal oxidizer
- (5) Combustion product
- (6) Fugitive emissions.

* The facilities may operate: Hours/day 24 Days/week 7 Weeks/year 52

Dated _____