

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9438

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

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name	Air Contaminant Name (2)	Emission Rates	
			lb/hr	TPY (3)
SCB F-01 and SCB F-06	Module F Corrosive Processes Vented Through Scrubber	VOC	0.15	0.66
		Exempt Solvent	0.08	0.35
		Corrosives	0.50	2.19
		Reactives	<0.01	0.01
		PM ₁₀	0.05	0.23
SCB F-03	Module F Corrosive Processes Vented Through Scrubber	VOC	0.15	0.66
		Exempt Solvent	0.08	0.35
		Corrosives	0.50	2.19
		Reactives	<0.01	0.01
		PM ₁₀	0.05	0.23
SCB G-01 and SCB G-02	Module G Corrosive Processes Vented Through Scrubber	VOC	0.07	0.31
		Exempt Solvent	0.05	0.22
		Corrosives	0.50	2.19
		Reactives	<0.01	0.01
		PM ₁₀	0.05	0.23
GEN F-01	Module F General Exhaust	VOC	0.30	1.31
		Exempt Solvent	0.07	0.31
TO 01BP	Module F Solvent Processes General Exhaust	VOC	2.47	10.82
		Exempt Solvent	0.40	1.75
AMON F-01	Module F Ammonia Processes Exhaust	Ammonia	1.80	7.88
SCB G-03	Module G Corrosive Processes Vented Through Scrubber	VOC	0.08	0.35
		Exempt Solvent	0.06	0.25
		Corrosives	0.08	0.36

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name	Air Contaminant Name (2)	Emission Rates	
			lb/hr	TPY (3)
TO 02BP	Module G Solvent Processes Vented Through Rotary Concentrator/Thermal Oxidizer Bypass	VOC	6.40	28.03
		Exempt Solvent	0.40	1.75
TO 02BP	Module G Solvent Processes Vented Through Rotary Concentrator/Thermal Oxidizer During Quarterly Maintenance Operation	VOC	0.54	<0.01
		Exempt Solvent	0.03	<0.01
		VOC	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		NO _x	0.10	<0.01
		CO	0.08	<0.01
		SO ₂	<0.01	<0.01
STOR-COR	Chemical Storage Building	Corrosives	0.11	0.50
STOR-VOC	Chemical Storage Building	VOC	0.11	0.50
D1	Cold Solvent Degreaser	VOC	<0.01	<0.01
L1	Quality Control Lab Exhaust	VOC	<0.01	<0.01
CS1	Chemical Distribution Building	VOC	<0.01	<0.01
		Corrosives	<0.01	<0.01
All Emission Points	All Sources	Individual HAP		<10.00
		All HAP		<25.00

(1) Emission point identification number from plot plan

(2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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Exempt Solvent- non-volatile organic compounds as defined in 30 TAC § 101.1

Corrosives - acetic acid, ammonia, chlorine, hydrogen chloride, hydrogen bromide, hydrogen fluoride, nitric acid, nitrous oxide, nitrogen trifluoride, phosphoric acid, phosphorous oxychloride, sulfur hexafluoride, sulfuric acid, and tungsten hexafluoride

Reactives - boron trichloride, dichlorosilane, hydrogen peroxide, nitrogen trifluoride, phosphorous oxychloride, and silane

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM₁₀ - particulate matter less than or equal to a nominal 10 microns in aerodynamic diameter

CO - carbon monoxide

HAP - hazardous air pollutants identified in Title 40 Code of Federal Regulations Part 63, Subpart C

(3) Rate is for a rolling 12 consecutive months

Dated June 22, 2009