

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17901

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

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	AIR CONTAMINANTS DATA Emission Rates	
			lb/hr	TPY
A-1	Wing A	VOC	5.30	11.02
		Exempt Solvent	4.81	10.01
		PM	0.01	0.01
B-1	Wing B	VOC	5.81	12.29
		Exempt Solvent	2.31	4.81
		PM	0.01	0.01
C-1	Wing C	VOC	2.50	5.20
		Exempt Solvent	4.50	4.90
CD-1	Chemical Dock	VOC	0.01	0.02
CD-2	Chemical Dock	VOC	0.05	0.10
CD-3	Chemical Dock	NaOH, Reactants	0.01	0.01
		PM	0.01	0.01
CD-4	Chemical Dock	Acids	0.01	0.01
		PM	0.01	0.01
CF-1	Chemical Finish Scrubber	HF <sub>4</sub> , HCl, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> Acids	1.17	2.43
CF-2	Chemical Finish	H <sub>2</sub> CrO <sub>4</sub> , NH <sub>4</sub> HF <sub>2</sub> , H <sub>3</sub> PO <sub>4</sub> Acids	0.08	0.17
D-1	Wing D	VOC	1.68	3.49
		Exempt Solvent	2.02	4.20
		PM	0.01	0.01
R-1	Wing R	VOC	0.41	0.86
		Exempt Solvent	1.44	3.00

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Emission *	Source	AIR CONTAMINANTS DATA		
		Air Contaminant	Emission	Rates
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
B0-1 and 2	Boiler	VOC	0.13	0.03
		NO <sub>x</sub>	1.39	3.04
		SO <sub>2</sub>	0.01	0.03
		CO	0.76	1.66
		PM	0.07	0.15
CUP	Central Utility Plant	VOC		1.74
	0.03			
	Generator	NO <sub>x</sub>	21.81	0.43
		SO <sub>2</sub>	1.45	0.03
		CO	4.74	0.09
		PM	1.56	0.03

(1) Emission point identification

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

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>PM<sub>10</sub> - particulate matter, equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.NO<sub>x</sub> - oxides of nitrogen

NaOH - sodium hydroxide

HBF<sub>4</sub> - fluoroboric acid or hydrogen tetrafluoroborate

HCl - hydrochloric acid

HNO<sub>3</sub> - nitric acidH<sub>2</sub>SO<sub>4</sub> - sulfuric acid

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H<sub>2</sub>CrO<sub>4</sub> - chromic acid  
NH<sub>4</sub>HF<sub>2</sub> - ammonium hydrogen difluoride  
H<sub>3</sub>PO<sub>4</sub> - phosphoric acid  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide

Exempt Solvent -  
compounds excluded from the definition of VOC in 30 TAC  
Section 101.1

Dated\_\_\_\_\_