

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20162

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. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

<u>Emission Rates</u> Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission</u>	
			lb/hr	TPY
E-AN-A1, 2	Building A (Wet Scrubbers)	Inorganics	5.23	16.50
E-AS-A1, 2		VOC	2.13	9.31
E-BR-1		Excluded VOC	3.58	15.80
		PM	1.25	5.50
E-AS-AMM	Ammonia Scrubber	Inorganics	3.83	0.47
		PM	0.25	1.10
E-AS-S1	Rotor Concentrator/ Thermal Oxidizer Stack	VOC	80.90	41.40
		SO <sub>2</sub>	<0.01	0.03
		PM	1.50	6.90
		NO <sub>x</sub>	1.31	5.75
		CO	2.50	10.90
		Excluded VOC	0.82	0.42
E-BR-2	Solvent Exhaust	VOC	0.02	0.10
E-BR-5	Silane Cabinet Exhaust	Inorganics	<0.01	<0.01
E-BR-7	Silane Purge Vent	Inorganics	<0.01	<0.01
E-HR-2, E-HR-4	H-Building Operations	VOC	0.50	0.50
		PM	<0.01	<0.01
E-SR-1	Acid Scrubber	Inorganics	<0.01	<0.01
		Excluded VOC	<0.01	<0.01

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E-SR-2	Silane Cabinet Exhaust	Inorganics	<0.01	<0.01
E-SR-3	Silane Purge Vent	Inorganics	<0.01	<0.01
E-ST-5	C-Building Cooling Tower Corrosion Inhibitor Tank	Inorganics	0.17	<0.01
E-ST-16	C-Building Cooling Tower Biocide Tank	VOC	0.09	<0.01

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

Excluded VOC - volatile organic compounds as defined in 30 TAC §101.1 specifically excluded from the definition of VOC in 30 TAC §101.1

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

PM - particulate matter

SO<sub>2</sub> - sulfur dioxide

Dated \_\_\_\_\_