

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 29470

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

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name	Name (2)	lb/hr	TPY
<u>(3)</u>				
1A	Wafer Fab vented through a General Exhaust, Two Acid, One Caustic, and One NO _x Scrubbers	VOC	9.56	41.86
		Exempt Solvent	0.23	1.00
		Inorganic Compounds	5.73	25.10
		PM	2.24	9.81
		NO _x	10.09	44.20
		Single HAP		<10.00
		All HAP		<25.00
2C, 2D, and 2E	Three Boilers (23.436 MMBtu/hr each)	VOC	0.40 (4)	
		PM	0.52 (4)	
		NO _x	6.89 (4)	
		CO	5.79 (4)	
		SO ₂	0.04 (4)	
		VOC	0.03 (5)	
		PM	0.33 (5)	
		NO _x	3.32 (5)	
		CO	0.83 (5)	
		SO ₂	7.06 (5)	
2C, 2D, and 2E	Three Boilers (23.436 MMBtu/hr each)	VOC		1.53
		PM		2.18
		NO _x	28.87	
		CO	23.54	
		SO ₂	2.75	

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- (1) Emission point identifier
- (2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code
(30 TAC) § 101.1
Exempt Solvent - organic compounds as defined in 30 TAC
§ 101.1
HAP - hazardous air pollutant as identified in Title 40 Code of Federal Regulations
Part 63, Subpart C
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter
CO - carbon monoxide
- (3) Rate is for a rolling 12-consecutive months
- (4) Rate during firing of natural gas
- (5) Rate during firing of fuel oil

Dated November 22, 2005