

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56448

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 (2)	Air Contaminant Name (3)	<u>Emission Rates</u> lb/hr	
<u>TPY (4)</u>				
1	Architectural Building Dust	VOC	0.04	
		0.17		
	Collector (Latex Paint Plant)	Ammonia	1.37	5.44
		PM	0.88	3.84
	Bulk Storage Tanks	VOC (9)	0.02	----
2 and 3	Industrial Building Vents and	VOC	26.72	
		28.05		
	Dust Collector (Industrial Paint	PM	1.08	
		1.13		
	Plant)	Exempt Solvent	5.70	5.44
	Clean-up Emissions	VOC	1.70	7.45
	Extrusion Display Process (5)	VOC	0.65	0.67
4 and 5	Resin and Packaging Vents	VOC	0.08	0.35
	(Resin and Packaging Plants) (6)	Exempt Solvent	<0.01	
		<0.01		
		PM	0.95	4.14
	Bulk Storage Tanks	VOC (9)	6.07	---
6, B1, B2, B3, B4,	Thermal	Oxidizer,	Four	
Boilers,	VOC (7)	0.17	1.35	
R2, H1, and H2	a Reactor (R2) and Two Heaters	PM (7)	0.43	
		1.87		
	(Resin and Packaging Plant)	NO _x (7)	5.62	
		24.62		
	CO (7)	4.72	20.68	
	SO ₂ (7)	0.04	0.15	
	Lead (7)	0.01	0.01	
7	Storage Tanks	VOC	17.46	3.92
	Solvent Recovery	VOC	0.09	0.39
Equip Fug	Equipment Leak Fugitive Emissions	VOC (8)	1.18	

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5.16

All	All	Individual HAP	<10.0
		All HAPs	<25.0

- (1) Emission point identification.
- (2) Specific point source names.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- PM - particulate matter, suspended in the atmosphere, including PM₁₀.
- NO_x - total oxides of nitrogen
- CO - carbon monoxide
- SO₂ - sulfur dioxide
- HAP - hazardous air pollutant as defined in the Federal Clean Air Act § 112.
- Exempt Solvent - as defined in Title 30 Texas Administrative Code Chapter 101, § 101.1(31).
- (4) Compliance with annual emission limits is based on a rolling 12-month period.
- (5) Extrusion Display process continues to be authorized by Permit by Rule Project Number 70094 issued on November 7, 2003, and is listed for informational purposes only, based on 2080 hours of operation.
- (6) Changeout of Reactor R5 authorized by Permit by Rule Project Number 74500 issued on January 20, 2005, and continues to authorize that change. The VOC emissions from that reactor are 0.04 tpy and are included in and authorized by this permit.
- (7) Combustion emissions.
- (8) Compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (9) Annual emissions (TPY) are included in the VOC TPY emissions for the respective EPN.

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Dated July 8, 2008