

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 31391

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

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
<u>Non-ozone Season (without RTO)</u>				
BTH-1A	Booth Stack 1-A	VOC	32.0	44.78
		PM	< 0.2	0.71
		ES 1.9	5.90	
BTH-1B	Booth Stack 1-B	VOC	26.9	20.71
		PM	0.2	0.21
BTH-1C	Booth Stack 1-C	VOC	26.6	16.12
		PM	0.6	0.62
BTH-1D	Booth Stack 1-D	VOC	26.6	16.12
		PM	0.6	0.62
BTH-1E	Booth Stack 1-E	VOC	4.6	27.51
		PM	< 0.1	0.11
		ES 1.9	5.90	
OVEN-1A	Oven Stack 1-A	VOC	16.0	9.99
OVEN-1B	Oven Stack 1-B	VOC	0.7	5.50
GBTH1-A	Glue Booth Stack 1-A	VOC	1.1	0.77
		PM	0.2	0.21
GBTH1-B	Glue Booth Stack 1-B	VOC	1.1	0.77
		PM	0.2	0.21

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
FUG-8	Fugitives	ES VOC	16.2	10.42
		0.4	1.20	
BAG-6 to BAG-8A	Baghouses	PM	0.9	3.74
		Total VOC (4)	125.0	78.00
<u>Ozone Season (with RTO)</u>				
INCIN-1 (5)	Regenerative Thermal Oxidizer (emissions from BTH-1B, BTH-1C and OVEN-1A)	VOC	43.6	36.20
		VOC (6)	<0.1	0.14
		NO _x	0.6	2.53
		CO	0.5	2.13
		PM	0.2	0.40
		SO ₂	<0.1	0.02
BTH-1A	Booth Stack 1-A	VOC	32.0	29.02
		PM	< 0.2	0.45
		ES 1.9	5.90	
BTH-1D (7)	Booth Stack 1-D	VOC	26.6	48.00
		PM	0.6	0.75
BTH-1E	Booth Stack 1-E	VOC	4.6	17.51
		PM	< 0.1	0.11
		ES	1.9	5.35
GBTH1-A	Glue Booth Stack 1-A	VOC	1.1	0.77
		PM	0.2	0.21
GBTH1-B	Glue Booth Stack 1-B	VOC	1.1	0.77
		PM	0.2	0.21
FUG-8	Fugitives	VOC	16.2	20.42
		ES	0.4	1.75

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
BAG-6 to BAG-8A	Baghouses	PM	0.9	3.74
		Total VOC (4)	113.0	78.00

- (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 Title 30 Texas Administrative Code (30 TAC) § 101.1
- ES - exempt solvents as defined in 30 TAC § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - particulate matter, suspended in the atmosphere, including PM₁₀.
- PM₁₀ - 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.
- CO - carbon monoxide
- (4) Uncontrolled VOC emissions shall not exceed 125 pounds per hour and 78 tons per year.
- (5) As a minimum VOC emissions from BTH-1B, BTH-1C and OVEN-1A shall be routed to the RTO.
- (6) VOC from products of combustion only.
- (7) If this source is routed to the RTO, its corresponding emission rates shall be transferred to Emission Point No. (EPN) INCIN-1 and this EPN shall be eliminated.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated _____