

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9156

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, sources, and related activities. 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 (8)	
			lbs/hour	TPY (7)
INCIN-1 and INCIN-4	Oxidizer and/or Fluidized Bed Concentrator Stacks (Control Lines 1 and 4)	VOC	48.00	95.70
		VOC (MSS1 mode)	106.20	12.00
		PM	2.50	5.20
		PM ₁₀	2.50	5.20
		PM _{2.5}	2.50	5.20
		NO _x	0.70	3.00
		SO ₂	<0.10	<0.10
		CO	0.60	2.50
BTH 2A-2B, OVEN 2B, OVEN 1E (East), OVEN 1E (West), and VENTS (9)	Line 2	VOC	16.80	45.00
		PM	0.40	6.00
		PM ₁₀	0.40	6.00
		PM _{2.5}	0.40	6.00
		NO _x	<0.10	0.10
		SO ₂	<0.10	<0.10
		CO	<0.10	<0.10
INCIN-3	Oxidizer Stack (Control Line 3)	VOC	23.00	45.00
		VOC (MSS1 mode)	82.80	6.00
		PM	2.70	5.30
		PM ₁₀	2.70	5.30
		PM _{2.5}	2.70	5.30
		NO _x	0.30	1.50
		SO ₂	<0.10	<0.10

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		CO	0.30	1.30
BAG-1 to BAG-6	Baghouses	PM	1.20	5.40
LINE 5	Line 5 Coating Operations and Oven	VOC	4.42	6.51
		VOC (combustion)	0.01	0.03
		PM (combustion)	0.01	0.04
		PM ₁₀ (combustion)	0.01	0.04
		PM _{2.5} (combustion)	0.01	0.04
		NO _x	0.12	0.52
		SO ₂	<0.01	<0.01
		CO	0.10	0.43
MSS	Line 5 Maintenance (Cleaning)	VOC	4.31	0.10
FUG-AEROSOL (4)	Touch Up Aerosol Cans	VOC	2.13	2.77
		Exempt Solvent	1.22	1.59
		PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
FUG-GLUE (4)	Glue Applications	VOC	5.68	5.20
		PM	0.02	0.02
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
Emission Points Authorized by this Permit	Sources at the Site Authorized by this Permit	VOC (5)	138.70	173.00
		Acetone (6)	4.50	9.00

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}

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- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- MSS1 - maintenance, startup, and shutdown emissions. Emission rates during planned MSS on control device. See Special Condition No. 14.

- (4) Plant wide fugitive emissions include (but not limited to) manual (spray can) touch up areas, assembly touch up booth, and gluing/laminating operations.
- (5) Total short-term and long-term VOC emission rates shall not exceed 138.7 pounds per hour and 173 tons per year for this permit.
- (6) Total short-term and long-term acetone (an exempt solvent) emission rates shall not exceed 4.5 pounds per hour and 9 tons per year for this permit.
- (7) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (8) The allowable emission rates include planned maintenance, startup, and shutdown activities.
- (9) EPN OVEN 1E is an electric oven with two stacks.

Date: July 17, 2015