

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 (MSS mode)	106.20	12.00
		PM	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
		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 (MSS mode)	82.80	6.00
		PM	2.70	5.30
		NO _x	0.30	1.50
		SO ₂	<0.10	<0.10
		CO	0.30	1.30
BAG-1 to BAG-6	Baghouses	PM	1.20	5.40
OVEN 5 and VENTS	Line 5 (Flatline/ UV Lines)	VOC	2.50	4.90
		PM	<0.10	<0.10
		NO _x	<0.10	0.30
		SO ₂	<0.10	0.30

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		CO	<0.10	0.30
VENTS	Plant Wide Flash-off Emissions (4)	Total VOC (5)	138.70	173.00
		Total 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
 - 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}
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - CO - carbon monoxide
 - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
 - MSS - maintenance, startup, and shutdown emissions. Emission rates during planned MSS on control device. See Special Condition No. 21.
- (4) Plant wide fugitive emissions include (but not limited to) uncaptured emissions from the paint spray lines, ultraviolet coating line, manual (spray can) touch up area, edge coating operations, 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: January 16, 2015