

Emission Sources - Maximum Allowable Emission Rates

Permit Number 39946

This table lists the maximum allowable emission rates and all sources of air contaminants 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.	Source Name (FIN)	Air Contaminant Name (1)	Emission Rates (5)	
			lbs/hour	TPY (2)
High Speed Plant 10850 Strang Road				
S-01, S-02, and S-03	Drum and Parts Lining Booths (LBTH1 & LBTH2), Paint Booth (PBTH1), vented through Three Curing Ovens and Three Thermal Oxidizers (8 MMBtu/hr each) (INCIN-1, INCIN-2 and INCIN-3)	VOC	2.15	4.30
		PM	0.70	1.40
		VOC (3)	0.13	0.42
		PM (3)	0.18	0.58
		NO _x (3)	2.35	7.65
		CO (3)	1.98	6.42
		SO ₂ (3)	0.01	0.05
BLDG1-FUG	Drum and Parts Lining and Paint Booths (LBTH1, LBTH2 and PBTH1), Curing Ovens (OVN-1, OVN-2 & OVN-3), Paint Mixing (PAINTMIX), Seaming (SEAM), and Silkscreening (SLKSCRN)	VOC (4)	9.25	18.54

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Emission Point No.(1)	Source Name (FIN)	Air Contaminant Name (2)	Emission Rates	
			lbs/hour	TPY (2)
Specialty Plant 10700 Strang Road				
STK-15	Production Line #1 Lining Booth (LBTH1), Paint Booth (PBTH2), and Curing Oven (2.425 MMBtu/hr) (OVN-1); Production Line #2 Paint Booth (PBTH1) and Curing Oven (6 MMBtu/hr) (OVNI-VOC); Parts Line Paint Booth (PART1) and Curing Oven (2.65 MMBtu/hr) (OVN-8); and Cleanup vented through a Thermal Oxidizer (1.8 MMBtu/hr) (INCIN-4)	VOC	11.92	6.08
		PM ₁₀ /PM _{2.5}	0.99	0.34
		VOC (3)	0.07	0.25
		PM ₁₀ /PM _{2.5} (3)	0.10	0.35
		NO _x (3)	1.26	4.57
		CO (3)	1.06	3.84
		SO ₂ (3)	0.01	0.03
STK-16	Parts Line Coating Storage/Mixing Room (STOR 03)	VOC	0.51	0.21
WND-1	Flame Winder (5 MMBtu/hr) (WND-1)	VOC (3)	0.03	0.04
		PM ₁₀ /PM _{2.5} (3)	0.04	0.06
		NO _x (3)	0.49	0.74
		CO (3)	0.41	0.62
		SO ₂ (3)	<0.01	<0.01
OVN-11	Fibre Drum Curing Oven (1 MMBtu/hr) (OVN-11)	VOC (3)	<0.01	<0.01
		PM ₁₀ /PM _{2.5} (3)	<0.01	0.01
		NO _x (3)	0.10	0.15
		CO (3)	0.08	0.12
		SO ₂ (3)	<0.01	<0.01

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Emission Point No.(1)	Source Name (FIN)	Air Contaminant Name (2)	Emission Rates	
			lbs/hour	TPY (2)
OVN-12	Fibre Drum Line Gasket Oven (0.5 MMBtu/hr) (OVN-12)	VOC (3)	<0.01	<0.01
		PM ₁₀ /PM _{2.5} (3)	<0.01	<0.01
		NO _x (3)	0.05	0.07
		CO (3)	0.04	0.06
		SO ₂ (3)	<0.01	<0.01
BLDG2-FUG	Production Lines #1 and #2 Coating Mixing (FGTIV 25), Curing Oven (OVNI VOC), Seaming (FGTIV-8), and Silkscreening (FGTIV 6 & 7); Production Line #2 Paint Booth (PBTH1); Parts Line Paint Booth (PART1) and Curing Oven (OVN-8); Fibre Drum Line Paint Booth (FGTIV-23), and Silkscreening (FGTIV-22)	VOC (4)	30.37	16.30
		PM ₁₀ /PM _{2.5} (4)	0.79	0.06
		Ammonia	0.02	0.07
S-01, S-02, S-03, STK-15, STK-16, BLDG1-FUG, and BLDG2-FUG	Sources Associated with Emission Point Nos.	Single HAP		<10.00
		All HAP		<25.00

(FIN) Facility identification number

(1) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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 diameterNO_x - total oxides of nitrogenSO₂ - sulfur dioxide

CO - carbon monoxide

HAP - hazardous air pollutant as listed in Title 40 Code of Federal Regulations Part 63, Subpart C

(2) Rate is for a rolling 12 consecutive months.

(3) Combustion emission

(4) Fugitive emission

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- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: January 28, 2019