

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 33646

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The annual rates (TPY) are based on a consecutive 12-month period.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
RTO-1/FUG-1	RTO-1/FUG-1 Emissions Cap (5)	VOC + Exempt Solvents		60.55
RTO-1	Regenerative Thermal Oxidizer Stack - Normal Mode	VOC	4.88	
		Exempt Solvents	1.31	
		PM	0.18	
		VOC (6)	0.05	
		NO <sub>x</sub>	1.03	
		CO	0.45	
		PM (6)	0.10	
		SO <sub>2</sub>	<0.01	
RTO-1	Regenerative Thermal Oxidizer Stack - Cold Bypass Mode	VOC	243.89	
		Exempt Solvents	66.03	
		PM	0.18	
RTO-1	Regenerative Thermal Oxidizer Stack	VOC		59.13
		Exempt Solvents		59.13
		PM		0.22
		VOC (6)		0.21
		NO <sub>x</sub>		4.50
		CO		1.99
		PM (6)		0.42
		SO <sub>2</sub>		0.01
FUG-1	Paint Booth (All) and Paint Kitchen Fugitives	VOC	9.11	13.66
		Exempt Solvents	2.45	3.70
M1-W	Monorail No. 1 Washer Drying Oven	VOC	0.01	0.04
		NO <sub>x</sub>	0.07	0.32
		CO	0.06	0.27
		PM	0.01	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
		SO <sub>2</sub>	<0.01	<0.01
M1-FO	Monorail No. 1 Flash-Off Drying Oven	VOC	0.01	0.04
		NO <sub>x</sub>	0.07	0.32
		CO	0.06	0.27
		PM	0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
P1-W	Production No. 1 Washer Drying Oven	VOC	0.01	0.04
		NO <sub>x</sub>	0.07	0.32
		CO	0.06	0.27
		PM	0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
P1-FO	Production No. 1 Flash- Off Drying Oven	VOC	0.02	0.07
		NO <sub>x</sub>	0.14	0.63
		CO	0.12	0.53
		PM	0.01	0.05
		SO <sub>2</sub>	<0.01	<0.01
P2-W	Production No. 2 Washer Drying Oven	VOC	0.01	0.04
		NO <sub>x</sub>	0.07	0.32
		CO	0.06	0.27
		PM	0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
P2-FO	Production No. 2 Flash- Off Drying Oven	VOC	0.02	0.07
		NO <sub>x</sub>	0.14	0.63
		CO	0.12	0.53
		PM	0.01	0.05
		SO <sub>2</sub>	<0.01	<0.01
M2-W	Monorail No. 2 Washer Drying Oven	VOC	0.01	0.03
		NO <sub>x</sub>	0.06	0.26
		CO	0.05	0.22
		PM	0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
M2-FO	Monorail No. 2 Flash-Off Drying Oven	VOC	0.01	0.04
		NO <sub>x</sub>	0.07	0.32
		CO	0.06	0.27
		PM	0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
All (Site-Wide)	Various	Single HAP		<10.00
		All HAPS		<25.00

(1) Emission point identification.

(2) Specific 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<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter

CO - carbon monoxide

HAP - any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(4) Compliance with annual emission limits is based on a rolling 12-month period.

(5) Annual combined emissions cap for EPNs RTO-1 and FUG-1.

(6) Combustion emissions.

Dated February 9, 2010