

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 43183

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
AF737-1	Acme Fab 737 Tank and Rinse Tanks	VOC	0.02	0.02
	Acme Fab 737 Tank Heater POC	VOC	0.01	0.01
		PM	0.01	0.01
		NO _x	0.02	0.03
		SO ₂	0.01	0.01
		CO	0.04	0.05
AFIP-1	Acme Fab Iron Phosphate (IP) Tank	VOC	0.02	0.02
	and Rinse Tanks	H ₃ PO ₄	0.01	0.01
	Acme Fab IP Tank Heater POC	VOC	0.01	0.01
		PM	0.01	0.01
		NO _x	0.02	0.03
		SO ₂	0.01	0.01

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		CO	0.04	0.05
CB-2	Adhesive Application Booth	VOC	0.98	0.01
		PM	0.04	0.01
CDC	Cement Dip/Convey	VOC	0.01	0.02
CO-2	Cement Oven	VOC	0.06	0.23
MNF	Nitrile Mixing	VOC	1.39	0.01
JAL	J&L Machine	VOC	5.57	0.04
RN	Nitrile Staging Area	VOC	0.01	0.01
OVN-1	Nitrile Curing Oven	VOC	0.09	0.20
OSC-2	Blue Coat Oiler	VOC	3.44	1.79

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OSCF	Oiler Dip/Convey	VOC	1.75	1.00
OV-2	Grieve Oven	VOC	0.01	0.01
PB-1	Paint Booth and Drying Oven	VOC	9.71	0.73
		PM ₁₀	0.01	0.01
PC	Paint Conveyor	VOC	1.28	0.33
PB-2	Paint Booth Line	VOC	4.93	1.06
		PM ₁₀	0.01	0.01
LDBH	Leather trim baghouse	PM ₁₀	0.13	0.20
S-1	Coating and Drying Process	VOC	50.78	38.27
	Chemical Mixing Room	VOC	1.00	0.33
S-2	Coating and Drying Prcoess	VOC	5.50	1.34

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STEM	Stemcote Spray Booth	VOC	4.17	0.58
		PM	0.01	0.02
StemC	Stemcote Conveyor	VOC	0.05	0.03
StemO-1	Stemcote Oven	VOC	0.28	0.15
StemOF	Stemcote Oven Fugitive	VOC	0.18	0.10
T-1	Toluene Storage Tank	VOC	2.32	0.02
T-2	M.E.K. Storage Tank	VOC	3.33	0.04
T-3	M.E.K. Storage Tank	VOC	3.33	0.04
ZL737	Zinc Line 737 Tank	VOC	0.01	0.02
ZLZP	Zinc Phosphate Tank	H ₃ PO ₄	0.01	0.01

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an 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

HRVOC - highly reactive volatile organic compounds as defined in 30 TAC § 115.10

IOC-U - inorganic compounds (unspeciated)

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

HCl - hydrogen chloride

HF - hydrogen fluoride

HBr - hydrogen bromide

HI - hydrogen iodide

NaOH - sodium hydroxide

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

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

24 Hrs/day 7 Days/week 53 Weeks/year or 8760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

AF737-1	Acme Fab 737 Tank and Rinse Tanks	VOC	0.02	0.02
	Acme Fab 737 Tank Heater POC	VOC	0.01	0.01
		PM	0.01	0.01
		NO _x	0.02	0.03
		SO ₂	0.01	0.01
		CO	0.04	0.05

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AFIP-1	Acme Fab Iron Phosphate (IP) Tank and Rinse Tanks	VOC	0.02	0.02
		H ₃ PO ₄	0.01	0.01
	Acme Fab IP Tank Heater POC	VOC	0.01	0.01
		PM	0.01	0.01
		NO _x	0.02	0.03
		SO ₂	0.01	0.01
		CO	0.04	0.05
CB-2	Adhesive Application Booth	VOC	0.98	0.01
		PM	0.04	0.01
CDC	Cement Dip/Convey	VOC	0.01	0.02
CO-2	Cement Oven	VOC	0.06	0.23
MNF	Nitrile Mixing	VOC	1.39	0.01
JAL	J&L Machine	VOC	5.57	0.04
RN	Nitrile Staging Area	VOC	0.01	0.01
OVN-1	Nitrile Curing Oven	VOC	0.09	0.20
OSC-2	Blue Coat Oiler	VOC	3.44	1.79
OSCF	Oiler Dip/Convey	VOC	1.75	1.00

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OV-2	Grieve Oven	VOC	0.01	0.01
PB-1	Paint Booth and Drying Oven	VOC	9.71	0.73
		PM ₁₀	0.01	0.01
PC	Paint Conveyor	VOC	1.28	0.33
PB-2	Paint Booth Line	VOC	4.93	1.06
		PM ₁₀	0.01	0.01
LDBH	Leather trim baghouse	PM ₁₀	0.13	0.20
S-1	Coating and Drying Process	VOC	50.7 8	38.2 7
	Chemical Mixing Room	VOC	1.00	0.33
S-2	Coating and Drying Prcoess	VOC	5.50	1.34
STEM	Stemcote Spray Booth	VOC	4.17	0.58
		PM	0.01	0.02
StemC	Stemcote Conveyor	VOC	0.05	0.03
StemO-1	Stemcote Oven	VOC	0.28	0.15
StemOF	Stemcote Oven Fugitive	VOC	0.18	0.10
T-1	Toluene Storage Tank	VOC	2.32	0.02

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T-2	M.E.K. Storage Tank	VOC	3.33	0.04
T-3	M.E.K. Storage Tank	VOC	3.33	0.04
ZL737	Zinc Line 737 Tank	VOC	0.01	0.02
ZLZP	Zinc Phosphate Tank	H ₃ PO	0.01	0.01

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