

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 28335

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)	Emission Rates	
			lb/hr	TPY
VENT-A, B, C, and D	Paint Shop	VOC	78.77	47.91
		PM	1.12	1.04
		SO ₂	0.01	0.01
		CO	0.09	0.03
		NO _x	0.42	0.11
VENT-E	Sand Blast Booth (4)	PM	0.33	0.50
VENT-G	Stress-Relieving Furnace (4)	VOC		0.08
		0.01		
		PM	0.16	0.02
		SO ₂	0.02	0.01
		CO	0.89	0.12
		NO _x	3.56	0.45
VENT-H and I	Grit Blast (4)	PM	0.03	0.03
WELD-FUG	Welding (4)	PM	0.01	0.01
GRIND-FUG	Grinding (4)	PM	0.01	0.07
DEG	Degreasing (4)	VOC	0.01	0.04
DPT	Dye Penetration Testing	non-VOC	0.85	0.41
STEN	Stenciling	VOC	0.50	0.20

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
INS	Railcar Insulation	non-VOC	11.00	0.61
INTS	Internal Shell Painting	PM	3.84	0.20
ASP	Anti-Skid Painting	VOC	6.22	1.51
FUG-1	Paint Drying	VOC	8.75	5.33
SF	Safety Flare	VOC	9.23	0.27
		PM	0.16	0.04
		SO ₂	0.01	0.01
		CO	0.44	0.04
		NO _x	33.10	0.59
		NH ₃	2.35	0.03
		non-VOC	5.00	0.50

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
 PM - particulate matter
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 NO_x - total oxides of oxygen
 NH₃ - anhydrous ammonia
 non-VOC - Methylene Chloride and 1,1,1 Trichloroethane and other compounds not categorized as VOCs
- (4) These sources are authorized under standard exemptions.
- (5) These sources are considered grandfathered by the company.

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

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
8	Hrs/day	5	Days/week	52
or 2,920	Hrs/year		Weeks/year	

Dated _____