

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES
Permit No. 19851

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

Emission *	Source	AIR CONTAMINANTS DATA		
		Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

The following table is for Phase I of the construction and manufacturing process:

LIQUID COATINGS

DC-1	Liquid Dust Collector No. 1 3.00	VOC	1.07	
		PM ₁₀	0.02	0.06
DC-2	Liquid Dust Collector No. 2 3.00	VOC	1.07	
		PM ₁₀	<0.01	0.03
FC-1	Fume Collector No. 1	VOC	0.54	1.50
FC-2	Fume Collector No. 2	VOC	1.07	3.00
FUG-M	Liquid Manufacturing Fugitive 0.68	VOC		0.16
FUG-M2	New Liquid Manufacturing Fugitive	VOC	0.08	0.37
FUG-T	Tank Farm Fugitive	VOC	1.17	5.11
RESTKS	Resin Tanks	VOC	0.80	0.45
SOLVTKS	Solvent Tanks	VOC	0.78	0.25
VAPRTKS	Solvent Vapor Recovery Tanks 0.06	VOC		0.08
WASHTKS	Wash Solvent Tanks	VOC	0.08	0.03
LOADING	Solvent Truck Loading	VOC	0.02	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

FUG-WASH	Wash Solvent Area Fugitive VOC		0.15	0.67
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POWDER COATINGS MANUFACTURING

DCMS	Micronizer Security Filter	PM ₁₀	<0.01	0.01
DCP1	Area Dust Collector No. 1	PM ₁₀	<0.01	0.01
DCP2	Area Dust Collector No. 2	PM ₁₀	<0.01	0.01
DCP3	Area Dust Collector No. 3	PM ₁₀	<0.01	0.01
	4.10	M-Methyl-2 Pyrolidone		5.61
DCP4	Area Dust Collector No. 4	PM ₁₀	<0.01	0.01
DCP5	Area Dust Collector No. 5	PM ₁₀	<0.01	0.01

The following table is for Phase II of the construction and manufacturing process:

LIQUID COATINGS

DC-1	Liquid Dust Collector No. 1	VOC	2.83
	4.12		
		PM ₁₀	0.02
			0.06
FC-2	Fume Collector No. 2	VOC	1.61
			4.50
FUG-WASH	Wash Solvent Area Fugitive VOC		0.15
			0.67

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
FUG-M2	New Liquid Manufacturing Fugitive	VOC	0.24	1.05
FUG-T	Tank Farm Fugitive	VOC	1.17	5.11
RESTKS	Resin Tanks	VOC	0.80	0.45
SOLVTKS	Solvent Vapor Recovery Tanks 0.25	VOC		0.78
VAPRTKS	Solvent Vapor Recovery Tanks 0.06	VOC		0.08
WASHTKS	Wash Solvent Tanks	VOC	0.08	0.03
LOADING	Solvent Truck Loading	VOC	0.02	0.01

POWDER COATINGS

DCMS	Micronizer Security Filter	PM ₁₀	<0.01	0.01
DCP1	Area Dust Collector No. 1	PM ₁₀	<0.01	0.01
DCP2	Area Dust Collector No. 2	PM ₁₀	<0.01	0.01
DCP3	Area Dust Collector No. 3	PM ₁₀ VOC	<0.01 0.48	0.01 0.25
DCP4	Area Dust Collector No. 4	PM ₁₀	<0.01	0.01
DCP5	Area Dust Collector No. 5	PM ₁₀	<0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

(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) PM_{10} - particulate matter less than 10 microns in diameter

VOC - volatile organic compounds as defined in General Rule 101.1

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated _____