

SMTV FER/EIS Emissions Report (200611) for 2010
Color Resolutions International LLC
1409030956
May 24, 2011

2010 Emissions Summary Report : 200611

Oct 7 2011, 12:53:24

- Report Data

Report Category: SMTV

Submitted Date: 05/24/2011

Reporting Year: 2010

Approved Date 05/26/2011

Reporting State Approved

- Reports Included

FER: X

ES:

EIS: X

- Facility Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs
Organic Compounds	OC	X	12.492	0.	12.492	TONs
Pb - Lead	7439921	X	0.	0.	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.1492	0.	0.1492	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.	0.	TONs
VOC - Volatile Organic Compounds	VOC		12.492	0.	12.492	TONs
Ammonia	NH3		0.	0.	0.	TONs
CO - Carbon Monoxide	CO		0.	0.	0.	TONs
Total of Chargable Pollutants					12.6412	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification

- Notes

User Name	Date	Note

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
Group A	3-01-020-53	0.	0.	0.	0.94	0.	0.06	0.	0.	0.94	0.	0.
Group B	3-01-020-53	0.	0.	0.	0.487	0.	0.016	0.	0.	0.487	0.	0.
Group C	3-01-020-53	0.	0.	0.	1.8	0.	0.03	0.	0.	1.8	0.	0.
Group D	3-01-020-53	0.	0.	0.	1.125	0.	0.008	0.	0.	1.125	0.	0.
Group E	3-01-020-53	0.	0.	0.	0.328	0.	0.	0.	0.	0.328	0.	0.
Group F	3-01-020-53	0.	0.	0.	1.775	0.	0.	0.	0.	1.775	0.	0.
Group G	3-01-020-53	0.	0.	0.	1.451	0.	0.011	0.	0.	1.451	0.	0.
Group H	3-01-020-61											
Group I	3-01-020-15	0.	0.	0.	0.098	0.	0.001	0.	0.	0.098	0.	0.
Group J	3-01-020-53	0.	0.	0.	0.001	0.	1E-04	0.	0.	0.001	0.	0.
Group L	3-01-020-05	0.	0.	0.	1.251	0.	0.003	0.	0.	1.251	0.	0.
Group M	3-01-020-05	0.	0.	0.	0.116	0.	1E-04	0.	0.	0.116	0.	0.
Group N	3-01-020-05	0.	0.	0.	0.467	0.	0.003	0.	0.	0.467	0.	0.
Group O	3-01-020-05	0.	0.	0.	0.956	0.	0.017	0.	0.	0.956	0.	0.
Group P	3-01-020-61	0.	0.	0.	1.69	0.	0.	0.	0.	1.69	0.	0.
Group Q	3-01-020-36	0.	0.	0.	0.007	0.	0.	0.	0.	0.007	0.	0.
Group R	3-01-020-15											
Total		0.	0.	0.	12.492	0.	0.1492	0.	0.	12.492	0.	0.

Emissions Unit Group Summary: Group A

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- Group

Emissions Unit Group Name: Group A

- Current Group Members

P001:Extender Tannk/Mixer

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	.94	0	0.94	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	.06	0	0.06	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		.94	0	0.94	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					1	TONS

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-53

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	3133.55	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			.94	0	0.94	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			.06	0	0.06	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic	VOC	emissions: MAT.			.94	0	0.94	TONs	

Compounds		BALANCE							
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							1	TONS	

Emissions Unit Group Summary: Group B

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- Group

Emissions Unit Group Name: Group B

- Current Group Members

P002:Extender Tank/Mixeer

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	0.487	0	0.487	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.016	0	0.016	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		0.487	0	0.487	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					0.503	TONS

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-53

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	810.9	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			0.487	0	0.487	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.016	0	0.016	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic	VOC	emissions: MAT.			0.487	0	0.487	TONs	

Compounds		BALANCE							
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							0.503	TONS	

Emissions Unit Group Summary: Group C

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- Group

Emissions Unit Group Name: Group C

- Current Group Members

- P003:Extender tank/mixer
- P004:Extender Tank/Mixer
- P005:Extender tank

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	1.8	0	1.8	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.03	0	0.03	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		1.8	0	1.8	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					1.83	TONs

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-53

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Winter (Dec - Feb)%: 25

Days Per Week: 5
 Weeks Per Year: 52
 Hours Per Year: 3500

Spring (March-May)%: 25
 Summer (June-Aug)%: 25
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	1565	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			1.8	0	1.8	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.03	0	0.03	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	

Portion Only									
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			1.8	0	1.8	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							1.83	TONS	

Emissions Unit Group Summary: Group D

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- Group

Emissions Unit Group Name: Group D

- Current Group Members

P006:T-155 tank and mixer

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	1.125	0	1.125	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.008	0	0.008	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		1.125	0	1.125	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					1.133	TONs

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-53

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	375	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			1.125	0	1.125	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.008	0	0.008	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic	VOC	emissions: MAT.			1.125	0	1.125	TONs	

Compounds		BALANCE							
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							1.133	TONS	

Emissions Unit Group Summary: Group E

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- Group

Emissions Unit Group Name: Group E

- Current Group Members

P007:T121 Tank and Mixer

P008:T-122 Mixer and Tank

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	0.328	0	0.328	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		0.328	0	0.328	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					0.328	TONS

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-53

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Weeks Per Year: 52

Summer (June-Aug)%: 25

Hours Per Year: 3500

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	547	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			0.328	0	0.328	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	

VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0.328	0	0.328	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							0.328	TONs	

Emissions Unit Group Summary: Group F

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- **Group**

Emissions Unit Group Name: Group F

- **Current Group Members**

P009:T-128 Mixer and Tank

P010:T-126 Tank and Mixer

P011:T-127 Tank and Mixer

- **Group Emissions**

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	1.775	0	1.775	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		1.775	0	1.775	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					1.775	TONs

- **Process & Emissions Detail**

Source Classification Code (SCC): 3-01-020-53

- **Material Information, Annual Average Operating Schedule & Throughput Percent**

Schedule Trade Secret:

Hours Per Day: 16

Winter (Dec - Feb)%: 25

Days Per Week: 5
 Weeks Per Year: 52
 Hours Per Year: 3500

Spring (March-May)%: 25
 Summer (June-Aug)%: 25
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	1544	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			1.775	0	1.775	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	

Portion Only									
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			1.775	0	1.775	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							1.775	TONS	

Emissions Unit Group Summary: Group G

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- Group

Emissions Unit Group Name: Group G

- Current Group Members

P012:T-134 Mixer 90 Black

P013:T-135 Mixer and Tank

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	1.451	0	1.451	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.011	0	0.011	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		1.451	0	1.451	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					1.462	TONS

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-53

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Weeks Per Year: 52

Summer (June-Aug)%: 25

Hours Per Year: 3500

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	2418	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			1.451	0	1.451	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.011	0	0.011	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	

VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			1.451	0	1.451	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							1.462	TONS	

Emissions Unit Group Summary: Group H

Oct 7 2011, 12:53:24

- Group

Emissions Unit Group Name: Group H

- Current Group Members

P014:T136 Black Packout

P015:T-137 Black Packout

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
Total of Chargable Pollutants					0.	TONS

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-61

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 0

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	0	TONs

- Process Emissions

Pollutant	Code	\$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Total of Chargable				.				0.	TONS	

Emissions Unit Group Summary: Group I

Oct 7 2011, 12:53:24

- Group

Emissions Unit Group Name: Group I

- Current Group Members

- P016:T-144 Mixer and Tank
- P017:MX118 Mixer
- P018:MX146 Mixer
- P019:M115 Shot Mill/Tank
- P020:Drais Mill/Tank
- P021:Premier Mill/Tank

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	0.098	0	0.098	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.001	0	0.001	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		0.098	0	0.098	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					0.099	TONs

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-15

- **Material Information, Annual Average Operating Schedule & Throughput Percent**

Schedule Trade Secret:

Hours Per Day: 16

Winter (Dec - Feb)%: 25

Days Per Week: 5

Spring (March-May)%: 25

Weeks Per Year: 52

Summer (June-Aug)%: 25

Hours Per Year: 3500

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Pigment	Produced	33	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			0.098	0	0.098	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.001	0	0.001	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL	emissions: MAT.			0	0	0.	TONs	

Filterable Portion Only		BALANCE							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0.098	0	0.098	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							0.099	TONs	

Emissions Unit Group Summary: Group J

Oct 7 2011, 12:53:24

- **Group**

Emissions Unit Group Name: Group J

- **Current Group Members**

- P022:T-131 Mixer and Tank
- P023:MX-104 Mixer
- P024:102 Shot Mill/Mixer
- P025:103 Shot Mill/Mixer

- **Group Emissions**

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	0.001	0	0.001	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.0001	0	1E-04	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		0.001	0	0.001	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					0.0011	TONs

- **Process & Emissions Detail**

Source Classification Code (SCC): 3-01-020-53

- **Material Information, Annual Average Operating Schedule & Throughput Percent**

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 3500

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	1.7	TONs

- Process Emissions

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			0.001	0	0.001	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.0001	0	1E-04	TONs	
PM10 (Filt) - Primary PM10, Filterable	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	

Portion Only									
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0.001	0	0.001	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							0.0011	TONS	

Emissions Unit Group Summary: Group L

Oct 7 2011, 12:53:24

- **Group**

Emissions Unit Group Name: Group L

- **Current Group Members**

- P028:FSH Mixer MX106
- P029:FSH Mixer MX107
- P030:Bench Mixer #1
- P031:Bench Mixer #2

- **Group Emissions**

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	1.251	0	1.251	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.003	0	0.003	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		1.251	0	1.251	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					1.254	TONs

- **Process & Emissions Detail**

Source Classification Code (SCC): 3-01-020-05

- **Material Information, Annual Average Operating Schedule & Throughput Percent**

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 3500

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Pigment	Produced	167	TONs

- Process Emissions

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			1.251	0	1.251	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.003	0	0.003	TONs	
PM10 (Filt) - Primary PM10, Filterable	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	

Portion Only									
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			1.251	0	1.251	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							1.254	TONS	

Emissions Unit Group Summary: Group M

Oct 7 2011, 12:53:24

- Group

Emissions Unit Group Name: Group M

- Current Group Members

P032:Roto Mixer MX112

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	0.116	0	0.116	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.0001	0	1E-04	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		0.116	0	0.116	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					0.1161	TONs

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-05

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Pigment	Produced	18.9	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			0.116	0	0.116	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.0001	0	1E-04	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic	VOC	emissions: MAT.			0.116	0	0.116	TONs	

Compounds		BALANCE							
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							0.1161	TONS	

Emissions Unit Group Summary: Group N

Oct 7 2011, 12:53:24

- Group

Emissions Unit Group Name: Group N

- Current Group Members

P033:Roto Mixer MX113

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	0.467	0	0.467	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.003	0	0.003	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		0.467	0	0.467	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					0.47	TONs

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-05

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Pigment	Produced	156	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			0.467	0	0.467	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.003	0	0.003	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic	VOC	emissions: MAT.			0.467	0	0.467	TONs	

Compounds		BALANCE							
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							0.47	TONS	

Emissions Unit Group Summary: Group O

Oct 7 2011, 12:53:24

- Group

Emissions Unit Group Name: Group O

- Current Group Members

- P034:Roto Mixer MX114
- P035:Roto Mixer MX115
- P036:Roto Mixer MX116

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	0.956	0	0.956	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.017	0	0.017	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		0.956	0	0.956	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					0.973	TONs

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-05

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Winter (Dec - Feb)%: 25

Days Per Week: 5
 Weeks Per Year: 52
 Hours Per Year: 3500

Spring (March-May)%: 25
 Summer (June-Aug)%: 25
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Pigment	Produced	831	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			0.956	0	0.956	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0.017	0	0.017	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	

Portion Only									
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0.956	0	0.956	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							0.973	TONS	

Emissions Unit Group Summary: Group P

Oct 7 2011, 12:53:24

- Group

Emissions Unit Group Name: Group P

- Current Group Members

P037:24 Pump Ink Dispense

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	1.69	0	1.69	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		1.69	0	1.69	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					1.69	TONs

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-61

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Ink	Produced	564	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			1.69	0	1.69	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
VOC - Volatile Organic	VOC	emissions: MAT.			1.69	0	1.69	TONs	

Compounds		BALANCE							
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							1.69	TONS	

Emissions Unit Group Summary: Group Q

Oct 7 2011, 12:53:24

- Group

Emissions Unit Group Name: Group Q

- Current Group Members

P038:Shot Mill #4

P039:Shot Mill #5

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs
Organic Compounds	OC	X	0.007	0	0.007	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		0.007	0	0.007	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					0.007	TONS

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-36

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Weeks Per Year: 52

Summer (June-Aug)%: 25

Hours Per Year: 3500

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Pigment	Produced	0.9	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: MAT. BALANCE			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: MAT. BALANCE			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: MAT. BALANCE			0	0	0.	TONs	
Organic Compounds	OC	X emissions: MAT. BALANCE			0.007	0	0.007	TONs	
Pb - Lead	7439921	X emissions: MAT. BALANCE			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: MAT. BALANCE			0	0	0.	TONs	

VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0.007	0	0.007	TONs	
Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							0.007	TONs	

Emissions Unit Group Summary: Group R

Oct 7 2011, 12:53:24

- Group

Emissions Unit Group Name: Group R

- Current Group Members

P040:Poly Pre Mix

- Group Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
Total of Chargable Pollutants					0.	TONS

- Process & Emissions Detail

Source Classification Code (SCC): 3-01-020-15

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 0

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Pigment	Produced	0	TONS

- Process Emissions

Pollutant	Code	\$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Total of Chargable Pollutants								0.	TONS	