

SMTV FER/EIS Emissions Report (200635) for 2010
HAMILTON FIXTURE
1409040847
April 05, 2011

2010 Emissions Summary Report : 200635

Oct 7 2011, 12:54:59

- Report Data

Report Category: SMTV

Submitted Date: 04/05/2011

Reporting Year: 2010

Approved Date 04/07/2011

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	1.8618	1.611	3.4728	TONs
Pb - Lead	7439921	X	0.	0.	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.021	0.321	0.342	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.021	0.321	0.342	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.1	0.1	TONs
VOC - Volatile Organic Compounds	VOC		1.8618	1.611	3.4728	TONs
Ammonia	NH3		0.	0.	0.	TONs
CO - Carbon Monoxide	CO		0.	0.	0.	TONs
Total of Chargable Pollutants					3.8148	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
Coco Bala Spray MSDS	Other	X		
2010 Emission Inventory Facility ID 1409040847	Annual Summary of Emissions	X		
European Beech MSDS	Other	X		
New Balance Dye MSDS	Other	X		

River Cherry MSDS	Other	X		
Maple MSDS	Other	X		
Harvest Maple MSDS	Other	X		

- **Notes**

User Name	Date	Note
-----------	------	------

Emission Units Without Detailed Emissions

Oct 7 2011, 12:54:59

Emission Unit	Why Excluded	Company Equipment ID
R001	Less Than Reporting Requirement	Booth #1
R002	Did Not Operate	Booth #2
R003	Did Not Operate	Booth #3
R005	Did Not Operate	Booth #5
R006	Did Not Operate	Prototype Booth #6

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
P901	3-07-020-99	0.	0.	0.	0.	0.	0.24	0.24	0.1	0.	0.	0.
P902	4-02-007-01	0.	0.	0.	1.7768	0.	0.	0.	0.	1.7768	0.	0.
R004	4-02-019-01	0.	0.	0.	1.696	0.	0.102	0.102	0.	1.696	0.	0.
Total		0.	0.	0.	3.4728	0.	0.342	0.342	0.1	3.4728	0.	0.

Emission Unit Summary: P901

Oct 7 2011, 12:54:59

Emissions Unit ID: P901

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
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	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.24	0.24	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.24	0.24	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.1	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.24	TONs	

- Processes

- Process & Emissions Detail

Name: Dust Collector

Source Classification Code (SCC): 3-07-020-99

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 2600

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Processed	100	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: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0	0.24	0.24	TONs	Collected 21, 40 yd dumpsters of wood dust in 2008 @ 580 lb/yd3 = 243.6 tons 99.9% control based on design data. Fibrous particles have high filter efficiency. Total PM Generated = 243.9 / .999 = 243.84 tons PM Emissions = 243.84 x .001 = 0.24 tons
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.24	0.24	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.1	0.1	TONs	

Portion Only									
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.24	TONS	

Emission Unit Summary: P902

Oct 7 2011, 12:54:59

Emissions Unit ID: P902

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
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	3553.6	0	3,553.6	LBs	
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		3553.6	0	3,553.6	LBs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.7768	TONS	

- Processes

- Process & Emissions Detail

Name: Adhesive Application

Source Classification Code (SCC): 4-02-007-01

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 4

Weeks Per Year: 50

Hours Per Year: 2000

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Coating Mix	Applied	1.21	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: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			3553.6	0	3,553.6	Lbs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	Particulate emissions are insignificant
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			3553.6	0	3,553.6	Lbs	

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.7768	TONs	

Emission Unit Summary: R004

Oct 7 2011, 12:54:59

Emissions Unit ID: R004

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
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	170	3222	3,392	LBs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	42	162	204	LBs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		42	162	204	LBs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		170	3222	3,392	LBs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.798	TONS	

- Processes

- Process & Emissions Detail

Name: #4 Paint Booth

Source Classification Code (SCC): 4-02-019-01

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 4

Weeks Per Year: 50

Hours Per Year: 2000

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Solvent in Coating	Used	1.55	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: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			170	3222	3,392	LBS	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			42	162	204	LBS	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			42	162	204	LBS	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			170	3222	3,392	LBS	

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.798	TONs	