

SMTV FER/EIS/ES Emissions Report (201605) for 2010
Trans-Acc
1431050909
April 08, 2011

Toluene	108883	0	2707	2,707	LBS
Xylenes (Isomers and Mixture)	1330207	0	841	841	LBS

- **Attachments**

Description	Type	Public Document	Trade Seceret Document	Trade secret Justification
2010 Emissions	Annual Summary of Emissions	X		

- **Notes**

User Name	Date	Note

Emission Units Without Detailed Emissions

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Emission Unit	Why Excluded	Company Equipment ID
K001	Less Than Reporting Requirement	Paint Booth
K002	Less Than Reporting Requirement	Paint Booth
K006	Did Not Operate	Misc. Metal Parts Paint Spray Booth
K007	Less Than Reporting Requirement	Paint Booth
P002	Exemption Status = De minimis	AUTOMATIC PAINT MACHINE
P006	Less Than Reporting Requirement	Blast Hut

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
K009	4-02-025-01	0.	0.	0.	2.56	0.	0.00342	0.00171	0.	2.21	0.	0.
P005	4-02-025-05	0.	0.	0.	2.52425	0.	0.	0.	0.	2.26235	0.	0.
Total		0.	0.	0.	5.08425	0.	0.00342	0.00171	0.	4.47235	0.	0.

Emissions Unit Group Summary: K009

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- Group

Emissions Unit Group Name: K009

- Current Group Members

K009:Booth #9

- 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	2.56	2.56	TONs
Pb - Lead	7439921	X	0	0	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.00342	0.00342	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.00171	0.00171	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs
VOC - Volatile Organic Compounds	VOC		0	2.21	2.21	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					2.56342	TONS

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations. The values may be provided to USEPA by Ohio EPA as part of Ohio EPA's federal grant commitments. You may modify these Ohio EPA-generated hazardous air pollutant emission calculations, at the process level, if you have more accurate information. There is no certification of these values as part of the emissions report submission.

Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Ethyl Benzene	100414	0	139	139	LBs
Methyl Isobutyl Ketone (Hexone) (MIBK)	108101	0	7.7	7.7	LBs
Toluene	108883	0	2707	2,707	LBs

Xylenes (Isomers and Mixture)	1330207	0	841	841	LBS
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- Process & Emissions Detail

Source Classification Code (SCC): 4-02-025-01

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 8

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 2080

Winter (Dec - Feb)%: 69

Spring (March-May)%: 26

Summer (June-Aug)%: 4

Fall (Sept-Nov)%: 1

Material	Material Action	Throughput	X Units
Solvent in Coating	Used	2.56	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	X 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	2.56	2.56	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	0.00342	0.00342	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: MAT. BALANCE			0	0.00171	0.00171	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	2.21	2.21	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								2.56342	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations. The values may be provided to USEPA by Ohio EPA as part of Ohio EPA's federal grant commitments. You may modify these Ohio EPA-generated hazardous air pollutant emission calculations, at the process level, if you have more accurate information. There is no certification of these values as part of the emissions report submission.

Process Emissions

Pollutant	Code	Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Ethyl Benzene	100414	emissions: MAT. BALANCE			0	139	139	LBS	
Methyl Isobutyl Ketone (Hexone) (MIBK)	108101	emissions: MAT. BALANCE			0	7.7	7.7	LBS	
Toluene	108883	emissions:			0	2707	2,707	LBS	

		MAT. BALANCE							
Xylenes (Isomers and Mixture)	1330207	emissions: MAT. BALANCE			0	841	841	Lbs	

Emissions Unit Group Summary: P005

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- Group

Emissions Unit Group Name: P005

- Current Group Members

P005:Plant Solvent Use

- 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	5048.5	0	5,048.5	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		4524.7	0	4,524.7	LBs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					2.52425	TONS

- Process & Emissions Detail

Source Classification Code (SCC): 4-02-025-05

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 8

Days Per Week: 5

Weeks Per Year: 52

Winter (Dec - Feb)%: 11

Spring (March-May)%: 23

Summer (June-Aug)%: 34

Material	Material Action	Throughput	X Units
Solvent in Coating	Used	2.52	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			5048.5	0	5,048.5	LBS	
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.			4524.7	0	4,524.7	LBS	

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							2.52425	TONS	