

SMTV FER/EIS Emissions Report (201074) for 2010
UNIVAR USA INC - HAMILTON BRANCH
1409040657
March 18, 2011

2010 Emissions Summary Report : 201074

Oct 7 2011, 14:00:53

- Report Data

Report Category: SMTV

Submitted Date: 03/18/2011

Reporting Year: 2010

Approved Date 03/30/2011

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	0	3441	3,441	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		0	0	0.	TONs
Ammonia	NH3		0	0	0.	TONs
CO - Carbon Monoxide	CO		0	0	0.	TONs
Total of Chargable Pollutants					1.7205	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
Univar Hamilton Emission Summary	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
P001	Less Than Reporting Requirement	Transport Loading
P002	Less Than Reporting Requirement	Drum Loading
P003	Less Than Reporting Requirement	Can Filling
P004	Less Than Reporting Requirement	Blend Tank #1
P005	Less Than Reporting Requirement	Blend Tank #2
T001	Less Than Reporting Requirement	Storage Tank 1 & 2
T002	Less Than Reporting Requirement	2-15000 GALLON STORAGE VESSELS
T003	Less Than Reporting Requirement	1-30000 GALLON STORAGE VESSEL
T004	Less Than Reporting Requirement	1-30000 GALLON STORAGE VESSEL
T005	Less Than Reporting Requirement	1-30000 GALLON STORAGE VESSEL
T007	Less Than Reporting Requirement	2-15000 GALLON STORAGE VESSELS
T008	Less Than Reporting Requirement	2-15000 GALLON STORAGE VESSELS
T009	Less Than Reporting Requirement	1-30000 STORAGE VESSEL
T010	Less Than Reporting Requirement	5-6000 GALLON STORAGE VESSELS
T011	Less Than Reporting Requirement	5-6000 GALLON STORAGE VESSELS
T012	Less Than Reporting Requirement	3-10000 GALLON STORAGE VESSELS
T013	Less Than Reporting Requirement	1-30000 GALLON STORAGE VESSEL
T014	Less Than Reporting Requirement	5-6000 GALLON STORAGE VESSEL
T015	Less Than Reporting Requirement	5-6000 GALLON STORAGE VESSELS
T016	Less Than Reporting Requirement	3-10000 STORAGE VESSELS
T017	Less Than Reporting Requirement	1-30000 GALLON STORAGE VESSEL
T018	Less Than Reporting Requirement	5-6000 GALLON STORAGE VESSELS
T019	Less Than Reporting Requirement	5-6000 GALLON STORAGE VESSELS
T020	Less Than Reporting Requirement	3-10000 GALLON STORAGE VESSELS
T021	Less Than Reporting Requirement	3-10000 GALLON STORAGE VESSELS
T022	Less Than Reporting Requirement	3-10000 GALLON STORAGE VESSELS
T023	Less Than Reporting Requirement	Tank #62
T024	Less Than Reporting Requirement	Tank # 63

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
T006	4-07-068-03	0.	0.	0.	1.7205	0.	0.	0.	0.	0.	0.	0.
Total		0.	0.	0.	1.7205	0.	0.	0.	0.	0.	0.	0.

Emission Unit Summary: T006

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Emissions Unit ID: T006

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	3441	3,441	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		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.7205	TONS	

- Processes

- Process & Emissions Detail

Name: Acetone Storage Tank

Source Classification Code (SCC): 4-07-068-03

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Acetone	Storage Capacity	157.3	1000 GALLON-YEARS

- **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	3441	3,441	Lbs	The OC emissions are estimated using the Tanks 4.0.9d model. Both "Working Loss" and "Breathing Loss" are included as vent stack emissions.
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	
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: 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							1.7205	TONS	