

SMTV FER/EIS Emissions Report (201475) for 2010
CHC MANUFACTURING, INC.
1431484151
April 06, 2011

2010 Emissions Summary Report : 201475

Oct 11 2011, 10:01:53

- Report Data

Report Category: SMTV

Submitted Date: 04/06/2011

Reporting Year: 2010

Approved Date 04/06/2011

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.	3.57	3.57	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.	2.2	2.2	TONs
Ammonia	NH3		0.	0.	0.	TONs
CO - Carbon Monoxide	CO		0.	0.	0.	TONs
Total of Chargable Pollutants					3.57	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
CHC Manufacturing, Inc Emissions Calculations	Calculations	X		

- Notes

User Name	Date	Note
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Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
K001	4-02-025-05	0.	0.	0.	1.15	0.	0.	0.	0.	0.	0.	0.
K001	4-02-025-01	0.	0.	0.	2.42	0.	0.	0.	0.	2.2	0.	0.
Total		0.	0.	0.	3.57	0.	0.	0.	0.	2.2	0.	0.

Emission Unit Summary: K001

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Emissions Unit ID: K001

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.	3.57	3.57	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.	2.2	2.2	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					3.57	TONS	

- Processes

- Process & Emissions Detail

Name: Coating Op Cleanup

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

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 6

Weeks Per Year: 52

Hours Per Year: 3120

Winter (Dec - Feb)%: 25

Spring (March-May)%: 30

Summer (June-Aug)%: 26

Fall (Sept-Nov)%: 19

Material	Material Action	Throughput	X Units
Solvent in Coating	Used	1.15	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: MAT. BALANCE			0	1.15	1.15	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	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: MAT. BALANCE			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							1.15	TONS	

- **Process & Emissions Detail**

Name: Coating Operation

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

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

Schedule Trade Secret:

Hours Per Day: 10

Days Per Week: 6

Weeks Per Year: 52

Hours Per Year: 3120

Winter (Dec - Feb)%: 25

Spring (March-May)%: 30

Summer (June-Aug)%: 26

Fall (Sept-Nov)%: 19

Material	Material Action	Throughput	X Units
Solvent in Coating	Used	2.42	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: MAT. BALANCE			0	2.42	2.42	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			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: 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			0	2.2	2.2	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								2.42	TONS	