

**SMTV FER/EIS Emissions Report (200562) for 2010**  
**CTL Aerospace Inc.**  
**1409000646**  
**February 15, 2011**

# 2010 Emissions Summary Report : 200562

Oct 7 2011, 11:23:06

**- Report Data**

Report Category: SMTV

Submitted Date: 02/15/2011

Reporting Year: 2010

Approved Date 02/22/2011

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	3.7	1.34	5.04	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		3.51	0.	3.51	TONs
Ammonia	NH3		0.	0.	0.	TONs
CO - Carbon Monoxide	CO		0.	0.	0.	TONs
Total of Chargable Pollutants					5.04	TONS

**- Attachments**

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
R003 OC summary report for plastic coatings	Other	X		
R003 OC summary report for metal coatings	Other	X		
R005 OC summary report for metal coatings	Other	X		
R005 OC summary report for plastic coatings	Other	X		
		X		

P009 chemical usage report for solvent wipe operations	Other			
--	-------	--	--	--

**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
P009	4-02-024-02	0.	0.	0.	3.7	0.	0.	0.	0.	3.51	0.	0.
R003	4-02-022-01	0.	0.	0.	0.43	0.	0.	0.	0.	0.	0.	0.
R005	4-02-024-01	0.	0.	0.	0.91	0.	0.	0.	0.	0.	0.	0.
<b>Total</b>		0.	0.	0.	5.04	0.	0.	0.	0.	3.51	0.	0.

# Emission Unit Summary: P009

Oct 7 2011, 11:23:06

Emissions Unit ID: P009

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	3.70	0	3.7	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		3.51	0	3.51	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					3.7	TONS	

## - Processes

### - Process & Emissions Detail

Name: Solvent Cleaning

Source Classification Code (SCC): 4-02-024-02

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 6240

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	3.70	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: 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			3.70	0	3.7	TONs	Pounds of OC emissions material were multiplied by the OC emissions factor for each item and summed
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			3.51	0	3.51	TONs	Pounds of raw material were multiplied by the VOC factor for each item and then summed.

Ammonia	NH3	emissions: MAT. BALANCE			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: MAT. BALANCE			0	0	0.	TONs	
Total of Chargable Pollutants							3.7	TONS	

# Emission Unit Summary: R003

Oct 7 2011, 11:23:06

Emissions Unit ID: R003

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	.43	0.43	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	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.43	TONS	

## - Processes

### - Process & Emissions Detail

Name: OEM Paint Booth

Source Classification Code (SCC): 4-02-022-01

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 6240

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	.43	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	.43	0.43	TONs	Pounds of raw material multiplied by OC factor and summed.
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: 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: ENG. JUDGEMENT			0	0	0.	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							0.43	TONS	

# Emission Unit Summary: R005

Oct 7 2011, 11:23:06

Emissions Unit ID: R005

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	.91	0.91	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.	0.	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.91	TONS	

## - Processes

### - Process & Emissions Detail

Name: Repair Paint Booth

Source Classification Code (SCC): 4-02-024-01

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 5

Weeks Per Year: 52

Hours Per Year: 6240

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	.91	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	.91	0.91	TONs	Raw material multiplied by OC factor and summed.
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: 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	factor:ENG. JUDGEMENT	0	0.	0.	0.	0.	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							0.91	TONS	