

TV FER/EIS Emissions Report (201896) for 2010
Pella Entry Systems
1409030092
April 20, 2011

2010 Emissions Summary Report : 201896

Oct 11 2011, 11:12:00

- Report Data

Report Category: TV

Submitted Date: 04/20/2011

Reporting Year: 2010

Approved Date 04/22/2011

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.	0.011172	0.011172	TONs
SO2 - Sulfur Dioxide	SO2	X	0.	0.001176	0.001176	TONs
NOx - Nitrogen Oxides	NOX	X	0.	0.196	0.196	TONs
Organic Compounds	OC	X	0.	30.9716	30.9716	TONs
Pb - Lead	7439921	X	0.	9.8E-07	9.8E-07	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.403724	0.403724	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.403724	0.403724	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.003724	0.003724	TONs
VOC - Volatile Organic Compounds	VOC		0.	28.5816	28.5816	TONs
Ammonia	NH3		0.	0.006272	0.006272	TONs
CO - Carbon Monoxide	CO		0.	0.16464	0.16464	TONs
Total of Chargable Pollutants					31.5725	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
Material Balance Calculations	Calculations	X		

- Notes

User Name	Date	Note
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Emission Units Without Detailed Emissions

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Emission Unit	Why Excluded	Company Equipment ID
K001	Did Not Operate	Doorline No. 1
K006	Less Than Reporting Requirement	Side Light Line
K007	Did Not Operate	Milltreat Operations
K009	Less Than Reporting Requirement	Adhesive Spray Booth
K010	Less Than Reporting Requirement	Adhesive Spray Booth
P006	Did Not Operate	Reverse Rollcoater No. 1
P008	Exemption Status = De minimis	Polystyrene Foam Embosser #1
P012	Did Not Operate	Polystyrene Block Molder
P013	Exemption Status = De minimis	Polystyrene Foam Embosser #2
P014	Did Not Operate	Glass Department
P015	Less Than Reporting Requirement	Woodworking equipment
R014	Did Not Operate	Display and Factory Finishing Area
R015	Did Not Operate	Display and Factory Finishing Area
R016	Did Not Operate	Display and Factory Finishing Area
R019	Less Than Reporting Requirement	Display and Factory Finishing Area
R021	Less Than Reporting Requirement	R021
R022	Less Than Reporting Requirement	R022
R023	Less Than Reporting Requirement	R023
R024	Less Than Reporting Requirement	R024
Y001	Did Not Operate	Emission Unit Entered in Error
Y002	Did Not Operate	Emission Unit Entered in Error
Y003	Did Not Operate	Emission Unit Entered in Error
Y004	Did Not Operate	Emission Unit Entered in Error
Y005	Did Not Operate	Emission Unit Entered in Error
Y006	Did Not Operate	Emission Unit Entered in Error
Y007	Did Not Operate	Emission Unit Entered in Error
Y008	Did Not Operate	Emission Unit Entered in Error
Z001	Did Not Operate	Ransburg Paintline #2

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
K008	4-02-002-01	0.	0.	0.	3.92	0.	0.08	0.08	0.	3.92	0.	0.
K011	4-02-002-01	0.	0.	0.	1.4	0.	0.03	0.03	0.	1.4	0.	0.
R011	4-02-001-01	0.	0.	0.	3.41	0.	0.04	0.04	0.	3.18	0.	0.
R011	4-02-010-01	0.00456	4.8E-04	0.08	0.0088	4E-07	0.00152	0.00152	0.00152	0.0088	0.00256	0.0672
R012	4-02-001-01	0.	0.	0.	3.24	0.	0.04	0.04	0.	3.06	0.	0.
R012	4-02-010-01	0.00456	4.8E-04	0.08	0.0088	4E-07	0.00152	0.00152	0.00152	0.0088	0.00256	0.0672
R013	4-02-001-01	0.	0.	0.	10.81	0.	0.12	0.12	0.	10.19	0.	0.
R017	4-02-001-01	0.	0.	0.	2.97	0.	0.03	0.03	0.	2.11	0.	0.
R017	4-02-010-01	0.001824	1.92E-04	0.032	0.00352	1.6E-07	6.08E-04	6.08E-04	6.08E-04	0.00352	0.001024	0.02688
R018	4-02-001-01	0.	0.	0.	3.95	0.	0.05	0.05	0.	3.56	0.	0.
R020	4-02-001-01	0.	0.	0.	1.25	0.	0.01	0.01	0.	1.14	0.	0.
R020	4-02-010-01	2.28E-04	2.4E-05	0.004	4.4E-04	2E-08	7.6E-05	7.6E-05	7.6E-05	4.4E-04	1.28E-04	0.00336
Total		0.011172	0.001176	0.196	30.9716	9.8E-07	0.403724	0.403724	0.003724	28.5816	0.006272	0.16464

Emission Unit Summary: K008

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Emissions Unit ID: K008

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	3.92	3.92	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.08	0.08	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.08	0.08	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	3.92	3.92	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					4	TONS	

- Processes

- Process & Emissions Detail

Name: K008-1

Source Classification Code (SCC): 4-02-002-01

- 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)%: 19

Spring (March-May)%: 22

Summer (June-Aug)%: 26

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Coating Mix	Applied	41.02	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	No PM-CON given off by this unit.
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No SO2 given off by this unit.
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NOx given off by this unit.
Organic Compounds	OC	X emissions: MAT. BALANCE			0	3.92	3.92	TONs	Based on recordkeeping
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No Pb given off by this unit.
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.08	0.08	TONs	Based on recordkeeping
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.08	0.08	TONs	Based on recordkeeping
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No PM2.5 given off by this unit.
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0	3.92	3.92	TONs	Based on recordkeeping

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NH3 given off by this unit.
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No CO given off by this unit.
Total of Chargable Pollutants							4	TONS	

Emission Unit Summary: K011

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Emissions Unit ID: K011

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	1.40	1.4	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.03	0.03	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.03	0.03	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.40	1.4	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.43	TONS	

- Processes

- Process & Emissions Detail

Name: K011-1

Source Classification Code (SCC): 4-02-002-01

- 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)%: 20

Spring (March-May)%: 22

Summer (June-Aug)%: 27

Fall (Sept-Nov)%: 31

Material	Material Action	Throughput	X Units
Coating Mix	Applied	28.08	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	No PM-CON given off by this unit.
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No SO2 given off by this unit.
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NOx given off by this unit.
Organic Compounds	OC	X emissions: MAT. BALANCE			0	1.40	1.4	TONs	Based on recordkeeping
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No Pb given off by this unit.
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.03	0.03	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.02 lb PM/lb OC
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.03	0.03	TONs	Based on the ratio of maximum hourly PM to uncontrolled OC * actual OC emissions, 0.02 lb PM/lb OC
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No PM2.5 given off by this unit.
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0	1.40	1.4	TONs	Based on recordkeeping

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NH3 given off by this unit.
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No CO given off by this unit.
Total of Chargable Pollutants							1.43	TONS	

Emission Unit Summary: R011

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Emissions Unit ID: R011

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.	0.00456	0.00456	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	4.8E-04	4.8E-04	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.08	0.08	TONs	
Organic Compounds	OC	X	0.	3.4188	3.4188	TONs	
Pb - Lead	7439921	X	0.	4E-07	4E-07	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.04152	0.04152	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.04152	0.04152	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.00152	0.00152	TONs	
VOC - Volatile Organic Compounds	VOC		0.	3.1888	3.1888	TONs	
Ammonia	NH3		0.	0.00256	0.00256	TONs	
CO - Carbon Monoxide	CO		0.	0.0672	0.0672	TONs	
Total of Chargable Pollutants					3.5408	TONS	

- Processes

- Process & Emissions Detail

Name: R011-1

Source Classification Code (SCC): 4-02-001-01

- 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)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Coating Mix	Applied	13.20	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	No PM-CON given off by this unit.
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No SO2 given off by this unit.
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NOx given off by this unit.
Organic Compounds	OC	X emissions: MAT. BALANCE			0	3.41	3.41	TONs	Based upon Finishing Department coating usage records for each coating * OC content of each coating applied
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No Pb given off by this unit.
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.04	0.04	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.04	0.04	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No PM2.5 given off by this unit.
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0	3.18	3.18	TONs	Based upon Finishing Department coating usage records for each coating * VOC content of each coating applied

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NH3 given off by this unit.
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No CO given off by this unit.
Total of Chargable Pollutants							3.45	TONS	

- **Process & Emissions Detail**

Name: R011-2

Source Classification Code (SCC): 4-02-010-01

- **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)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Natural Gas	Burned	1.6	MILLION CUBIC FEET

- **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	factor:ENG JUDGEMENT	2080	5.7	0.	0.00456	0.00456	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
SO2 - Sulfur Dioxide	SO2	X factor:ENG JUDGEMENT	2080	0.6	0.	4.8E-04	4.8E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4

NOx - Nitrogen Oxides	NOX	X	factor:ENG . JUDGEMENT	2080	100	0.	0.08	0.08	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Organic Compounds	OC	X	factor:ENG . JUDGEMENT	2080	11	0.	0.0088	0.0088	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Pb - Lead	7439921	X	factor:ENG . JUDGEMENT	2080	5E-04	0.	4E-07	4E-07	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	factor:ENG . JUDGEMENT	2080	1.9	0.	0.00152	0.00152	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		factor:ENG . JUDGEMENT	2080	1.9	0.	0.00152	0.00152	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		factor:ENG . JUDGEMENT	2080	1.9	0.	0.00152	0.00152	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
VOC - Volatile Organic Compounds	VOC		factor:ENG . JUDGEMENT	2080	11	0.	0.0088	0.0088	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Ammonia	NH3		factor:ENG . JUDGEMENT	2080	3.2	0.	0.00256	0.00256	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
CO - Carbon Monoxide	CO		factor:ENG . JUDGEMENT	2080	84	0.	0.0672	0.0672	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Total of Chargable Pollutants								0.0908004	TONS	

Emission Unit Summary: R012

Oct 11 2011, 11:12:01

Emissions Unit ID: R012

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.	0.00456	0.00456	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	4.8E-04	4.8E-04	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.08	0.08	TONs	
Organic Compounds	OC	X	0.	3.2488	3.2488	TONs	
Pb - Lead	7439921	X	0.	4E-07	4E-07	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.04152	0.04152	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.04152	0.04152	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.00152	0.00152	TONs	
VOC - Volatile Organic Compounds	VOC		0.	3.0688	3.0688	TONs	
Ammonia	NH3		0.	0.00256	0.00256	TONs	
CO - Carbon Monoxide	CO		0.	0.0672	0.0672	TONs	
Total of Chargable Pollutants					3.3708	TONS	

- Processes

- Process & Emissions Detail

Name: R012-1

Source Classification Code (SCC): 4-02-001-01

- 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)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Coating Mix	Applied	12.53	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	No PM-CON given off by this unit.
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No SO2 given off by this unit.
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NOx given off by this unit.
Organic Compounds	OC	X emissions: MAT. BALANCE			0	3.24	3.24	TONs	Based upon Finishing Department coating usage records for each coating * OC content of each coating applied
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No Pb given off by this unit.
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.04	0.04	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.04	0.04	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No PM2.5 given off by this unit.
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0	3.06	3.06	TONs	Based upon Finishing Department coating usage records for each coating * VOC content of each coating applied

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NH3 given off by this unit.
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No CO given off by this unit.
Total of Chargable Pollutants							3.28	TONS	

- **Process & Emissions Detail**

Name: R012-2

Source Classification Code (SCC): 4-02-010-01

- **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)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Natural Gas	Burned	1.6	MILLION CUBIC FEET

- **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	factor:ENG JUDGEMENT	2080	5.7	0.	0.00456	0.00456	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
SO2 - Sulfur Dioxide	SO2	X factor:ENG JUDGEMENT	2080	0.6	0.	4.8E-04	4.8E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4

NOx - Nitrogen Oxides	NOX	X	factor:ENG . JUDGEMENT	2080	100	0.	0.08	0.08	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Organic Compounds	OC	X	factor:ENG . JUDGEMENT	2080	11	0.	0.0088	0.0088	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Pb - Lead	7439921	X	factor:ENG . JUDGEMENT	2080	5E-04	0.	4E-07	4E-07	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	factor:ENG . JUDGEMENT	2080	1.9	0.	0.00152	0.00152	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		factor:ENG . JUDGEMENT	2080	1.9	0.	0.00152	0.00152	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		factor:ENG . JUDGEMENT	2080	1.9	0.	0.00152	0.00152	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
VOC - Volatile Organic Compounds	VOC		factor:ENG . JUDGEMENT	2080	11	0.	0.0088	0.0088	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Ammonia	NH3		factor:ENG . JUDGEMENT	2080	3.2	0.	0.00256	0.00256	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
CO - Carbon Monoxide	CO		factor:ENG . JUDGEMENT	2080	84	0.	0.0672	0.0672	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Total of Chargable Pollutants								0.0908004	TONS	

Emission Unit Summary: R013

Oct 11 2011, 11:12:01

Emissions Unit ID: R013

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	10.81	10.81	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.12	0.12	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.12	0.12	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	10.19	10.19	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					10.93	TONS	

- Processes

- Process & Emissions Detail

Name: R013-1

Source Classification Code (SCC): 4-02-001-01

- 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)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Coating Mix	Applied	41.77	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	No PM-CON given off by this unit.
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No SO2 given off by this unit.
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NOx given off by this unit.
Organic Compounds	OC	X emissions: MAT. BALANCE			0	10.81	10.81	TONs	Based upon Finishing Department coating usage records for each coating * OC content of each coating applied
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No Pb given off by this unit.
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.12	0.12	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.12	0.12	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No PM2.5 given off by this unit.
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0	10.19	10.19	TONs	Based upon Finishing Department coating usage records for each coating * VOC content of each coating applied

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NH3 given off by this unit.
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No CO given off by this unit.
Total of Chargable Pollutants							10.93	TONS	

Emission Unit Summary: R017

Oct 11 2011, 11:12:01

Emissions Unit ID: R017

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.	0.001824	0.001824	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	1.92E-04	1.92E-04	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.032	0.032	TONs	
Organic Compounds	OC	X	0.	2.97352	2.97352	TONs	
Pb - Lead	7439921	X	0.	1.6E-07	1.6E-07	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.030608	0.030608	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.030608	0.030608	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	6.08E-04	6.08E-04	TONs	
VOC - Volatile Organic Compounds	VOC		0.	2.11352	2.11352	TONs	
Ammonia	NH3		0.	0.001024	0.001024	TONs	
CO - Carbon Monoxide	CO		0.	0.02688	0.02688	TONs	
Total of Chargable Pollutants					3.03632	TONS	

- Processes

- Process & Emissions Detail

Name: R017-1

Source Classification Code (SCC): 4-02-001-01

- 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: 1040

Winter (Dec - Feb)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Coating Mix	Applied	11.49	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	No PM-CON given off by this unit.
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No SO2 given off by this unit.
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NOx given off by this unit.
Organic Compounds	OC	X emissions: MAT. BALANCE			0	2.97	2.97	TONs	Based upon Finishing Department coating usage records for each coating * OC content of each coating applied
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No Pb given off by this unit.
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.03	0.03	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.03	0.03	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No PM2.5 given off by this unit.
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0	2.11	2.11	TONs	Based upon Finishing Department coating usage records for each coating * VOC content of each coating applied

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NH3 given off by this unit.
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No CO given off by this unit.
Total of Chargable Pollutants							3	TONS	

- **Process & Emissions Detail**

Name: R017-2

Source Classification Code (SCC): 4-02-010-01

- **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)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Natural Gas	Burned	0.64	MILLION CUBIC FEET

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensibile Portion Only (All Less than 1 Micron)	PM-CON	factor:ENG JUDGEMENT	2080	5.7	0.	0.001824	0.001824	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
SO2 - Sulfur Dioxide	SO2	X factor:ENG JUDGEMENT	2080	0.6	0.	1.92E-04	1.92E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4

NOx - Nitrogen Oxides	NOX	X	factor:ENG . JUDGEMENT	2080	100	0.	0.032	0.032	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Organic Compounds	OC	X	factor:ENG . JUDGEMENT	2080	11	0.	0.00352	0.00352	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Pb - Lead	7439921	X	factor:ENG . JUDGEMENT	2080	5E-04	0.	1.6E-07	1.6E-07	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	factor:ENG . JUDGEMENT	2080	1.9	0.	6.08E-04	6.08E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		factor:ENG . JUDGEMENT	2080	1.9	0.	6.08E-04	6.08E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		factor:ENG . JUDGEMENT	2080	1.9	0.	6.08E-04	6.08E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
VOC - Volatile Organic Compounds	VOC		factor:ENG . JUDGEMENT	2080	11	0.	0.00352	0.00352	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Ammonia	NH3		factor:ENG . JUDGEMENT	2080	3.2	0.	0.001024	0.001024	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
CO - Carbon Monoxide	CO		factor:ENG . JUDGEMENT	2080	84	0.	0.02688	0.02688	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Total of Chargable Pollutants								0.0363202	TONS	

Emission Unit Summary: R018

Oct 11 2011, 11:12:01

Emissions Unit ID: R018

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	3.95	3.95	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.05	0.05	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.05	0.05	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	3.56	3.56	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					4	TONS	

- Processes

- Process & Emissions Detail

Name: R018-1

Source Classification Code (SCC): 4-02-001-01

- 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: 1040

Winter (Dec - Feb)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Coating Mix	Applied	15.27	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	No PM-CON given off by this unit.
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No SO2 given off by this unit.
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NOx given off by this unit.
Organic Compounds	OC	X emissions: MAT. BALANCE			0	3.95	3.95	TONs	Based upon Finishing Department coating usage records for each coating * OC content of each coating applied
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No Pb given off by this unit.
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.05	0.05	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.05	0.05	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No PM2.5 given off by this unit.
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0	3.56	3.56	TONs	Based upon Finishing Department coating usage records for each coating * VOC content of each coating applied

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NH3 given off by this unit.
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No CO given off by this unit.
Total of Chargable Pollutants							4	TONS	

Emission Unit Summary: R020

Oct 11 2011, 11:12:01

Emissions Unit ID: R020

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.	2.28E-04	2.28E-04	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	2.4E-05	2.4E-05	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.004	0.004	TONs	
Organic Compounds	OC	X	0.	1.25044	1.25044	TONs	
Pb - Lead	7439921	X	0.	2E-08	2E-08	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.010076	0.010076	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.010076	0.010076	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	7.6E-05	7.6E-05	TONs	
VOC - Volatile Organic Compounds	VOC		0.	1.14044	1.14044	TONs	
Ammonia	NH3		0.	1.28E-04	1.28E-04	TONs	
CO - Carbon Monoxide	CO		0.	0.00336	0.00336	TONs	
Total of Chargable Pollutants					1.26454	TONS	

- Processes

- Process & Emissions Detail

Name: R020-1

Source Classification Code (SCC): 4-02-001-01

- 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: 1040

Winter (Dec - Feb)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Coating Mix	Applied	4.84	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	No PM-CON given off by this unit.
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No SO2 given off by this unit.
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NOx given off by this unit.
Organic Compounds	OC	X emissions: MAT. BALANCE			0	1.25	1.25	TONs	Based upon Finishing Department coating usage records for each coating * OC content of each coating applied
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	No Pb given off by this unit.
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: MAT. BALANCE			0	0.01	0.01	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: MAT. BALANCE			0	0.01	0.01	TONs	Based on the ratio of maximum hourly PM to OC * actual OC emissions, 0.0114 lb PM/lb OC
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No PM2.5 given off by this unit.
VOC - Volatile Organic Compounds	VOC	emissions: MAT. BALANCE			0	1.14	1.14	TONs	Based upon Finishing Department coating usage records for each coating * VOC content of each coating applied

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No NH3 given off by this unit.
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	No CO given off by this unit.
Total of Chargable Pollutants							1.26	TONS	

- **Process & Emissions Detail**

Name: R020-2

Source Classification Code (SCC): 4-02-010-01

- **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)%: 17

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 33

Material	Material Action	Throughput	X Units
Natural Gas	Burned	0.08	MILLION CUBIC FEET

- **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	factor:ENG. JUDGEMENT	0	5.7	0.	2.28E-04	2.28E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
SO2 - Sulfur Dioxide	SO2	X factor:ENG. JUDGEMENT	0	0.6	0.	2.4E-05	2.4E-05	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4

NOx - Nitrogen Oxides	NOX	X	factor:ENG . JUDGEMENT	0	100	0.	0.004	0.004	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Organic Compounds	OC	X	factor:ENG . JUDGEMENT	0	11	0.	4.4E-04	4.4E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Pb - Lead	7439921	X	factor:ENG . JUDGEMENT	0	5E-04	0.	2E-08	2E-08	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	factor:ENG . JUDGEMENT	0	1.9	0.	7.6E-05	7.6E-05	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		factor:ENG . JUDGEMENT	0	1.9	0.	7.6E-05	7.6E-05	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		factor:ENG . JUDGEMENT	0	1.9	0.	7.6E-05	7.6E-05	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
VOC - Volatile Organic Compounds	VOC		factor:ENG . JUDGEMENT	0	11	0.	4.4E-04	4.4E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Ammonia	NH3		factor:ENG . JUDGEMENT	0	3.2	0.	1.28E-04	1.28E-04	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
CO - Carbon Monoxide	CO		factor:ENG . JUDGEMENT	0	84	0.	0.00336	0.00336	TONs	Emission factor from AP-42, Tables 1.4-1 to 1.4-4
Total of Chargable Pollutants								0.00454002	TONs	