

TV FER/EIS Emissions Report (200652) for 2010
St. Bernard Soap Company
1431394137
April 14, 2011

2010 Emissions Summary Report : 200652

Oct 7 2011, 12:56:10

- Report Data

Report Category: TV

Submitted Date: 04/14/2011

Reporting Year: 2010

Approved Date 04/19/2011

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.	0.004	0.004	TONs
NOx - Nitrogen Oxides	NOX	X	0.	0.72	0.72	TONs
Organic Compounds	OC	X	8.28	42.0893	50.3693	TONs
Pb - Lead	7439921	X	0.	3.6E-06	3.6E-06	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	6.9749	6.9749	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	6.5719	6.5719	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	6.5719	6.5719	TONs
VOC - Volatile Organic Compounds	VOC		8.28	42.0496	50.3296	TONs
Ammonia	NH3		0.	0.023	0.023	TONs
CO - Carbon Monoxide	CO		0.	0.61	0.61	TONs
Total of Chargable Pollutants					58.0682	TONS

- Attachments

Description	Type	Public Document	Trade Secret Document	Trade secret Justification

- Notes

User Name	Date	Note

Emission Units Without Detailed Emissions

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Emission Unit	Why Excluded	Company Equipment ID
P049	Less Than Reporting Requirement	Brine Mix Tank IS-14A
P050	Exemption Status = De minimis	Glycerine Evaporation, IS-14A
P056	Exemption Status = Permit Exempt	Central Vacuum System, IS-20
P104	Less Than Reporting Requirement	Milled Bar Soap Drying System No. 1, IS-21
P105	Less Than Reporting Requirement	Milled Bar Soap Drying System No. 2, IS-21
P107	Less Than Reporting Requirement	Milled Bar Soap Drying System No. 4, IS-21
P126	Exemption Status = Permit Exempt	Soap Mix Tank No. 1
P127	Exemption Status = Permit Exempt	Soap Mix Tank No. 3
P128	Exemption Status = Permit Exempt	Soap Mix Tank No. 4
P129	Less Than Reporting Requirement	Flake Bin 1/2
P138	Less Than Reporting Requirement	Packing Line D
P139	Less Than Reporting Requirement	Packing Line F
P150	Less Than Reporting Requirement	Bulk Dry Majors Storage Silo, IS-25d
P151	Less Than Reporting Requirement	Bulk Dry Majors Use Bin 1/2, IS-25e
P152	Less Than Reporting Requirement	Bulk Dry Majors Use Bin 3/4, IS-25f
P153	Less Than Reporting Requirement	Vacuum Dryer No. 2, IS-54
P154	Less Than Reporting Requirement	Vacuum Dryer No. 3, IS-55
P155	Less Than Reporting Requirement	Minor Additions Systems 1 and 2, IS-56
P162	Less Than Reporting Requirement	Soap Bin 10 (IS-61)
T009	Exemption Status = Permit Exempt	Hydrochloric Acid Tank #113-C, IS-14A
T010	Less Than Reporting Requirement	Sodium hypochlorite storage Tank #105C, IS-14A
T092	Exemption Status = Permit Exempt	Soap Storage Tank #K2, IS-13P
T093	Exemption Status = Permit Exempt	Soap Storage Tank #K4, IS-13Q
T094	Exemption Status = Permit Exempt	Soap Storage Tank #K6, IS-13R
T095	Exemption Status = Permit Exempt	Soap Storage Tank #K8, IS-13S
Z014	Exemption Status = Permit Exempt	Glycerine Tank No. 121
Z015	Exemption Status = Permit Exempt	Glycerine Tank No. 122
Z016	Exemption Status = Permit Exempt	Glycerin Storage Tank #K3

Z017	Exemption Status = Permit Exempt	Base Soap Storage Tank #K7
Z018	Exemption Status = Permit Exempt	Base Soap Storage Tank #K9
Z019	Exemption Status = Permit Exempt	Base Soap Storage Tank #K11
Z020	Exemption Status = Permit Exempt	AGS Storage Tank #K23
Z021	Exemption Status = Permit Exempt	STCI Storage Tank #K24
Z022	Exemption Status = Permit Exempt	Base Soap Storage Tank #K25
Z023	Exemption Status = Permit Exempt	PW/STCI Storage Tank #K28
Z024	Exemption Status = Permit Exempt	AGS Storage Tank #K29
Z025	Exemption Status = Permit Exempt	Storage Tank #K31
Z026	Exemption Status = Permit Exempt	Stearic Acid Storage Tank #K32
Z027	Exemption Status = Permit Exempt	Storage Tank #K33
Z028	Exemption Status = Permit Exempt	Paraffin Storage Tank #K34
Z029	Exemption Status = Permit Exempt	Storage Tank #K36
Z030	Exemption Status = Permit Exempt	STCI Storage Tank #K37
Z031	Exemption Status = Permit Exempt	Storage Tank #K38
Z032	Exemption Status = Permit Exempt	Bar Soap Perfume Tank Farm
Z033	Exemption Status = De minimis	Bar Soap Perfume Day Tank Room

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
P001	3-01-009-99	0.	0.	0.	1.55	0.	9E-04	9E-04	9E-04	1.55	0.	0.
P030	3-01-009-01	0.	0.	0.	0.	0.	1.31	1.31	1.31	0.	0.	0.
P047	3-01-009-05	0.	0.	0.	3.15	0.	0.	0.	0.	3.15	0.	0.
P048	3-01-009-05	0.	0.	0.	3.21	0.	0.	0.	0.	3.21	0.	0.
P055	3-01-009-99	0.	0.	0.	1.71	0.	0.	0.	0.	1.71	0.	0.
P106	3-01-900-13	0.	0.004	0.72	0.0793	3.6E-06	0.014	0.011	0.011	0.0396	0.023	0.61
P106	3-01-009-99	0.	0.	0.	1.11	0.	0.	0.	0.	1.11	0.	0.
P122	3-01-009-99	0.	0.	0.	1.38	0.	0.56	0.56	0.56	1.38	0.	0.
P125	3-01-009-99	0.	0.	0.	1.42	0.	0.27	0.27	0.27	1.42	0.	0.
P130	3-01-009-07	0.	0.	0.	1.23	0.	0.29	0.23	0.23	1.23	0.	0.
P131	3-01-009-07	0.	0.	0.	1.34	0.	0.22	0.18	0.18	1.34	0.	0.

P132	3-01-009-07	0.	0.	0.	1.54	0.	0.43	0.35	0.35	1.54	0.	0.
P133	3-01-009-07	0.	0.	0.	1.17	0.	0.41	0.33	0.33	1.17	0.	0.
P135	3-01-009-08	0.	0.	0.	1.24	0.	0.25	0.2	0.2	1.24	0.	0.
P136	3-01-009-08	0.	0.	0.	1.05	0.	0.22	0.18	0.18	1.05	0.	0.
P137	3-01-009-08	0.	0.	0.	1.36	0.	0.23	0.18	0.18	1.36	0.	0.
P145	3-01-009-07	0.	0.	0.	1.39	0.	0.31	0.31	0.31	1.39	0.	0.
P156	3-01-009-99	0.	0.	0.	5.68	0.	0.63	0.63	0.63	5.68	0.	0.
P157	3-01-009-99	0.	0.	0.	5.16	0.	0.68	0.68	0.68	5.16	0.	0.
P158	3-01-009-99	0.	0.	0.	2	0.	0.25	0.25	0.25	2	0.	0.
P159	3-01-009-99	0.	0.	0.	8.28	0.	0.	0.	0.	8.28	0.	0.
P160	3-01-009-99	0.	0.	0.	2.26	0.	0.42	0.42	0.42	2.26	0.	0.
P161	3-01-009-99	0.	0.	0.	3.06	0.	0.48	0.48	0.48	3.06	0.	0.
Total		0.	0.004	0.72	50.3693	3.6E-06	6.9749	6.5719	6.5719	50.3296	0.023	0.61

Emission Unit Summary: P001

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Emissions Unit ID: P001

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	1.55	1.55	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	.0009	9E-04	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	.0009	9E-04	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	.0009	9E-04	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.55	1.55	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.5509	TONS	

- Processes

- Process & Emissions Detail

Name: P001 Vacuum Dryer 1

Source Classification Code (SCC): 3-01-009-99

- 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: 6551

Winter (Dec - Feb)%: 26

Spring (March-May)%: 30

Summer (June-Aug)%: 26

Fall (Sept-Nov)%: 18

Material	Material Action	Throughput	X Units
Material	Produced	39407	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: ENG. JUDGEMENT			0	1.55	1.55	TONs	Based on an emission factor of 0.0394 lb/1000 lb soap produced.
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	.0009	9E-04	TONs	Based on an uncontrolled emission rate of 4 gr/scf.
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	.0009	9E-04	TONs	Based on an uncontrolled emission rate of 4 gr/scf.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	.0009	9E-04	TONs	Based on an uncontrolled emission rate of 4 gr/scf.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.55	1.55	TONs	Based on an emission factor of 0.0394 lb/1000 lb soap produced.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.5509	TONs	

Emission Unit Summary: P030

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Emissions Unit ID: P030

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	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	1.31	1.31	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	1.31	1.31	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	1.31	1.31	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					1.31	TONS	

- Processes

- Process & Emissions Detail

Name: P030 Soap Stg Bins

Source Classification Code (SCC): 3-01-009-01

- 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: 8000

Winter (Dec - Feb)%: 25

Spring (March-May)%: 27

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 23

Material	Material Action	Throughput	X Units
Material	Produced	118384	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: ENG. JUDGEMENT			0	0	0.	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	1.31	1.31	TONs	Based on an uncontrolled emission rate of 4 gr/scf.
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	1.31	1.31	TONs	Based on an uncontrolled emission rate of 4 gr/scf.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	1.31	1.31	TONs	Based on an uncontrolled emission rate of 4 gr/scf.
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							1.31	TONS	

Emission Unit Summary: P047

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Emissions Unit ID: P047

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	3.15	3.15	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	3.15	3.15	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					3.15	TONS	

- Processes

- Process & Emissions Detail

Name: P047 BSM-1

Source Classification Code (SCC): 3-01-009-05

- 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: 7967

Winter (Dec - Feb)%: 26

Spring (March-May)%: 26

Summer (June-Aug)%: 24

Fall (Sept-Nov)%: 24

Material	Material Action	Throughput	X Units
Material	Processed	88107	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	3.15	3.15	TONs	Based on an emission factor of 0.0357 lb/1000 lb dry soap.
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	3.15	3.15	TONs	Based on an emission factor of 0.0357 lb/1000 lb dry soap.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							3.15	TONS	

Emission Unit Summary: P048

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Emissions Unit ID: P048

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	3.21	3.21	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	3.21	3.21	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					3.21	TONS	

- Processes

- Process & Emissions Detail

Name: P048 BSM-2

Source Classification Code (SCC): 3-01-009-05

- 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: 8133

Winter (Dec - Feb)%: 25

Spring (March-May)%: 27

Summer (June-Aug)%: 24

Fall (Sept-Nov)%: 24

Material	Material Action	Throughput	X Units
Material	Processed	89887	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	3.21	3.21	TONs	Based on an emission factor of 0.0357 lb/1000 lb dry soap.
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	3.21	3.21	TONs	Based on an emission factor of 0.0357 lb/1000 lb dry soap.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							3.21	TONS	

Emission Unit Summary: P055

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Emissions Unit ID: P055

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	1.71	1.71	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	1.71	1.71	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.71	TONS	

- Processes

- Process & Emissions Detail

Name: P055 Ivory Make/Pack

Source Classification Code (SCC): 3-01-009-99

- 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: 5422

Winter (Dec - Feb)%: 23

Spring (March-May)%: 24

Summer (June-Aug)%: 21

Fall (Sept-Nov)%: 32

Material	Material Action	Throughput	X Units
Material	Produced	50240	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: STACK TEST			0	1.71	1.71	TONs	0.034 lb VOC/1,000 lbs soap (7/94 stack test).
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: STACK TEST			0	1.71	1.71	TONs	0.034 lb VOC/1,000 lbs soap (7/94 stack test).
Ammonia	NH3	emissions:			0	0	0.	TONs	

		ENG. JUDGEMENT							
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.71	TONS	

Emission Unit Summary: P106

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Emissions Unit ID: P106

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.	0.004	0.004	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.72	0.72	TONs	
Organic Compounds	OC	X	0.	1.1893	1.1893	TONs	
Pb - Lead	7439921	X	0.	3.6E-06	3.6E-06	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.014	0.014	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.011	0.011	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.011	0.011	TONs	
VOC - Volatile Organic Compounds	VOC		0.	1.1496	1.1496	TONs	
Ammonia	NH3		0.	0.023	0.023	TONs	
CO - Carbon Monoxide	CO		0.	0.61	0.61	TONs	
Total of Chargable Pollutants					1.9273	TONS	

- Processes

- Process & Emissions Detail

Name: P106 Natural Gas

Source Classification Code (SCC): 3-01-900-13

- 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: 7471

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 26

Fall (Sept-Nov)%: 24

Material	Material Action	Throughput	X Units
Natural Gas	Burned	14.41	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	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0.004	0.004	TONs	Based on an AP-42 Section 1.4 (7/98) emission factor of 0.6 lb/MMcuft.
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0.72	0.72	TONs	Based on an AP-42 Section 1.4 (7/98) emission factor of 100 lb/MMcuft.
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.0793	0.0793	TONs	Based on an AP-42 Section 1.4 (7/98) emission factor of 11.0 lb/MMcuft.
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0.0000036	3.6E-06	TONs	Based on an AP-42 Section 1.4 (7/98) emission factor of 0.0005 lb/MMcuft.
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0	0.014	0.014	TONs	Based on an AP-42 Section 1.4 (7/98) emission factor of 1.9 lb/MMcuft.
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.011	0.011	TONs	Based on an AP-42 Section 1.4 (7/98) emission factor of 1.9 lb/MMcuft and an estimate that PM-10 is 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.011	0.011	TONs	Based on an AP-42 Section 1.4 (7/98) emission factor of 1.9 lb/MMcuft and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0.0396	0.0396	TONs	Based on an AP-42 Section 1.4 (7/98) emission factor of 5.5 lb/MMcuft.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0.023	0.023	TONs	Based on a FIRE 6.23 factor of 3.2 lb/MMcuft.
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0.61	0.61	TONs	Based on an AP-42 Section 1.4 (7/98) emission factor of 84 lb/MMcuft.
Total of Chargable Pollutants							0.817304	TONs	

- **Process & Emissions Detail**

Name: P106 Soap Dryer 3

Source Classification Code (SCC): 3-01-009-99

- **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: 7471

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 26

Fall (Sept-Nov)%: 24

Material	Material Action	Throughput	X Units
Material	Produced	26303	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: ENG. JUDGEMENT			0	1.11	1.11	TONs	Based on an emission factor of 0.039 lb/1000 lb wet soap from the thermal oxidizer, and an emission factor of 0.070 lb/1000 lb wet soap from the scrubber.
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	1.11	1.11	TONs	Based on an emission factor of 0.039 lb/1000 lb wet soap from the thermal oxidizer, and an emission factor of 0.070 lb/1000 lb wet soap from the scrubber.
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								1.11	TONS	

Emission Unit Summary: P122

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Emissions Unit ID: P122

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	1.38	1.38	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.56	0.56	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.56	0.56	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.56	0.56	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.38	1.38	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.94	TONS	

- Processes

- Process & Emissions Detail

Name: P122 Making System 6

Source Classification Code (SCC): 3-01-009-99

- 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: 4296

Winter (Dec - Feb)%: 28

Spring (March-May)%: 24

Summer (June-Aug)%: 23

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	13157	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: ENG. JUDGEMENT			0	1.38	1.38	TONs	Emission factor based on varieties of soap processed.
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	0.56	0.56	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.56	0.56	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.56	0.56	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.38	1.38	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.94	TONS	

Emission Unit Summary: P125

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Emissions Unit ID: P125

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	1.42	1.42	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.27	0.27	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.27	0.27	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.27	0.27	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.42	1.42	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.69	TONS	

- Processes

- Process & Emissions Detail

Name: P125 Packing Line E

Source Classification Code (SCC): 3-01-009-99

- 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: 7881

Winter (Dec - Feb)%: 26

Spring (March-May)%: 25

Summer (June-Aug)%: 24

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	11348	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: ENG. JUDGEMENT			0	1.42	1.42	TONs	Emission factor based on varieties of soap processed.
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	0.27	0.27	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.27	0.27	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.27	0.27	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.42	1.42	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.69	TONS	

Emission Unit Summary: P130

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Emissions Unit ID: P130

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	1.23	1.23	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.29	0.29	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.23	0.23	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.23	0.23	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.23	1.23	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.52	TONS	

- Processes

- Process & Emissions Detail

Name: P130 Making System 1

Source Classification Code (SCC): 3-01-009-07

- 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: 3344

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Processed	10233	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: ENG. JUDGEMENT			0	1.23	1.23	TONs	Emission factor based on varieties of soap processed.
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	0.29	0.29	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.23	0.23	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-10 = PM-10 = 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.23	0.23	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.23	1.23	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.52	TONS	

Emission Unit Summary: P131

Oct 7 2011, 12:56:10

Emissions Unit ID: P131

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	1.34	1.34	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.22	0.22	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.18	0.18	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.18	0.18	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.34	1.34	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.56	TONS	

- Processes

- Process & Emissions Detail

Name: P131 Making System 2

Source Classification Code (SCC): 3-01-009-07

- 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: 3651

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Processed	11180	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: ENG. JUDGEMENT			0	1.34	1.34	TONs	Emission factor based on varieties of soap processed.
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	0.22	0.22	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.18	0.18	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-10 is 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.18	0.18	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.34	1.34	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.56	TONS	

Emission Unit Summary: P132

Oct 7 2011, 12:56:10

Emissions Unit ID: P132

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	1.54	1.54	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.43	0.43	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.35	0.35	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.35	0.35	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.54	1.54	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.97	TONS	

- Processes

- Process & Emissions Detail

Name: P132 Making System 3

Source Classification Code (SCC): 3-01-009-07

- 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: 5289

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Processed	16195	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: ENG. JUDGEMENT			0	1.54	1.54	TONs	Emission factor based on varieties of soap processed.
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	0.43	0.43	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.35	0.35	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-10 is 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.35	0.35	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.54	1.54	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.97	TONS	

Emission Unit Summary: P133

Oct 7 2011, 12:56:10

Emissions Unit ID: P133

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	1.17	1.17	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.41	0.41	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.33	0.33	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.33	0.33	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.17	1.17	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.58	TONS	

- Processes

- Process & Emissions Detail

Name: P133 M/S-4

Source Classification Code (SCC): 3-01-009-07

- 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: 3314

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Processed	10148	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: ENG. JUDGEMENT			0	1.17	1.17	TONs	Emission factor based on varieties of soap processed.
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	0.41	0.41	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.33	0.33	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.33	0.33	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.17	1.17	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.58	TONS	

Emission Unit Summary: P135

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Emissions Unit ID: P135

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	1.24	1.24	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.25	0.25	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.20	0.2	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.20	0.2	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.24	1.24	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.49	TONS	

- Processes

- Process & Emissions Detail

Name: P135 Packing Line A

Source Classification Code (SCC): 3-01-009-08

- 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: 6894

Winter (Dec - Feb)%: 29

Spring (March-May)%: 21

Summer (June-Aug)%: 28

Fall (Sept-Nov)%: 22

Material	Material Action	Throughput	X Units
Material	Processed	13012	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: ENG. JUDGEMENT			0	1.24	1.24	TONs	Emission factor based on varieties of soap processed.
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	0.25	0.25	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.20	0.2	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-10 is 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.20	0.2	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.24	1.24	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.49	TONS	

Emission Unit Summary: P136

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Emissions Unit ID: P136

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	1.05	1.05	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.22	0.22	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.18	0.18	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.18	0.18	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.05	1.05	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.27	TONS	

- Processes

- Process & Emissions Detail

Name: P136 Packing Line B

Source Classification Code (SCC): 3-01-009-08

- 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: 6076

Winter (Dec - Feb)%: 32

Spring (March-May)%: 19

Summer (June-Aug)%: 28

Fall (Sept-Nov)%: 21

Material	Material Action	Throughput	X Units
Material	Processed	11646	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: ENG. JUDGEMENT			0	1.05	1.05	TONs	Emission factor based on varieties of soap processed.
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	0.22	0.22	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.18	0.18	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.18	0.18	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.05	1.05	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.27	TONS	

Emission Unit Summary: P137

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Emissions Unit ID: P137

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	1.36	1.36	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.23	0.23	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.18	0.18	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.18	0.18	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.36	1.36	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.59	TONS	

- Processes

- Process & Emissions Detail

Name: P137 Packing Line C

Source Classification Code (SCC): 3-01-009-08

- 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: 6265

Winter (Dec - Feb)%: 28

Spring (March-May)%: 17

Summer (June-Aug)%: 27

Fall (Sept-Nov)%: 28

Material	Material Action	Throughput	X Units
Material	Processed	11325	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: ENG. JUDGEMENT			0	1.36	1.36	TONs	Emission factor based on varieties of soap processed.
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	0.23	0.23	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.18	0.18	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-10 is 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.18	0.18	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.36	1.36	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.59	TONS	

Emission Unit Summary: P145

Oct 7 2011, 12:56:10

Emissions Unit ID: P145

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	1.39	1.39	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.31	0.31	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.31	0.31	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.31	0.31	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.39	1.39	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.7	TONS	

- Processes

- Process & Emissions Detail

Name: P145 M/S-5

Source Classification Code (SCC): 3-01-009-07

- 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: 3629

Winter (Dec - Feb)%: 26

Spring (March-May)%: 26

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 23

Material	Material Action	Throughput	X Units
Material	Processed	11099	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: ENG. JUDGEMENT			0	1.39	1.39	TONs	Emission factor based on varieties of soap processed.
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	0.31	0.31	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.31	0.31	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-10 is 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.31	0.31	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.39	1.39	TONs	Emission factor based on varieties of soap processed.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.7	TONS	

Emission Unit Summary: P156

Oct 7 2011, 12:56:10

Emissions Unit ID: P156

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	5.68	5.68	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.63	0.63	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.63	0.63	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.63	0.63	TONs	
VOC - Volatile Organic Compounds	VOC		0	5.68	5.68	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					6.31	TONS	

- Processes

- Process & Emissions Detail

Name: P156 Make/Pack 7-G

Source Classification Code (SCC): 3-01-009-99

- 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: 7167

Winter (Dec - Feb)%: 26

Spring (March-May)%: 26

Summer (June-Aug)%: 24

Fall (Sept-Nov)%: 24

Material	Material Action	Throughput	X Units
Material	Produced	22735	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: ENG. JUDGEMENT			0	5.68	5.68	TONs	Based on an emission factor of 0.250 lb/1000 lb soap.
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	0.63	0.63	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.63	0.63	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-10 is 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.63	0.63	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	5.68	5.68	TONs	Based on an emission factor of 0.250 lb/1000 lb soap.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							6.31	TONS	

Emission Unit Summary: P157

Oct 7 2011, 12:56:10

Emissions Unit ID: P157

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	5.16	5.16	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.68	0.68	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.68	0.68	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.68	0.68	TONs	
VOC - Volatile Organic Compounds	VOC		0	5.16	5.16	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					5.84	TONS	

- Processes

- Process & Emissions Detail

Name: P157 Make/Pack 8-H

Source Classification Code (SCC): 3-01-009-99

- 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: 7789

Winter (Dec - Feb)%: 27

Spring (March-May)%: 26

Summer (June-Aug)%: 24

Fall (Sept-Nov)%: 23

Material	Material Action	Throughput	X Units
Material	Produced	20650	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: ENG. JUDGEMENT			0	5.16	5.16	TONs	Based on an emission factor of 0.250 /1000 lb soap.
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	0.68	0.68	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.68	0.68	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-10 is 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.68	0.68	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	5.16	5.16	TONs	Based on an emission factor of 0.250 lb/1000 lb soap.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							5.84	TONS	

Emission Unit Summary: P158

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Emissions Unit ID: P158

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	2.00	2	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.25	0.25	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.25	0.25	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.25	0.25	TONs	
VOC - Volatile Organic Compounds	VOC		0	2.00	2	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.25	TONS	

- Processes

- Process & Emissions Detail

Name: P158 Make/Pack 9-I

Source Classification Code (SCC): 3-01-009-99

- 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: 4522

Winter (Dec - Feb)%: 28

Spring (March-May)%: 34

Summer (June-Aug)%: 16

Fall (Sept-Nov)%: 22

Material	Material Action	Throughput	X Units
Material	Produced	7991	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: ENG. JUDGEMENT			0	2.00	2	TONs	Based on an emission factor of 0.250 lb/1000 lb soap.
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	0.25	0.25	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.25	0.25	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-10 is 81.5% of total PM.
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.25	0.25	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s) and an estimate that PM-2.5 = PM-10 = 81.5% of total PM.
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	2.00	2	TONs	Based on an emission factor of 0.250 lb/1000 lb soap.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							2.25	TONS	

Emission Unit Summary: P159

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Emissions Unit ID: P159

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	8.28	0	8.28	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		8.28	0	8.28	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					8.28	TONS	

- Processes

- Process & Emissions Detail

Name: P159 Soap Reclaim

Source Classification Code (SCC): 3-01-009-99

- 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: 7499

Winter (Dec - Feb)%: 24

Spring (March-May)%: 24

Summer (June-Aug)%: 26

Fall (Sept-Nov)%: 26

Material	Material Action	Throughput	X Units
Material	Produced	552	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: ENG. JUDGEMENT			8.28	0	8.28	TONs	Based on a maximum perfume content of 1.5%.
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			8.28	0	8.28	TONs	Based on a maximum perfume content of 1.5%.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							8.28	TONS	

Emission Unit Summary: P160

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Emissions Unit ID: P160

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	2.26	2.26	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.42	0.42	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.42	0.42	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.42	0.42	TONs	
VOC - Volatile Organic Compounds	VOC		0	2.26	2.26	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.68	TONS	

- Processes

- Process & Emissions Detail

Name: Bar Soap Line U-1

Source Classification Code (SCC): 3-01-009-99

- 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: 6820

Winter (Dec - Feb)%: 30

Spring (March-May)%: 24

Summer (June-Aug)%: 22

Fall (Sept-Nov)%: 24

Material	Material Action	Throughput	X Units
Material	Produced	9027	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: ENG. JUDGEMENT			0	2.26	2.26	TONs	Based on an emission factor of 0.250 lb/1000 lb soap.
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	0.42	0.42	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	2.26	2.26	TONs	Based on an emission factor of 0.250 lb/1000 lb soap.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							2.68	TONS	

Emission Unit Summary: P161

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Emissions Unit ID: P161

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	3.06	3.06	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.48	0.48	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.48	0.48	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.48	0.48	TONs	
VOC - Volatile Organic Compounds	VOC		0	3.06	3.06	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					3.54	TONS	

- Processes

- Process & Emissions Detail

Name: Bar Soap Line U-2

Source Classification Code (SCC): 3-01-009-99

- 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: 7827

Winter (Dec - Feb)%: 26

Spring (March-May)%: 24

Summer (June-Aug)%: 24

Fall (Sept-Nov)%: 26

Material	Material Action	Throughput	X Units
Material	Produced	12229	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: ENG. JUDGEMENT			0	3.06	3.06	TONs	Based on an emission factor of 0.250 lb/1000 lb soap.
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	0.48	0.48	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.48	0.48	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.48	0.48	TONs	Based on grain loading of exhausts, the exhaust flow rates, and the control efficiencies of the fabric filter(s).
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	3.06	3.06	TONs	Based on an emission factor of 0.250 lb/1000 lb soap.

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							3.54	TONS	