

SMTV FER/EIS Emissions Report (201591) for 2010
The Procter and Gamble Co.
1431390903
April 14, 2011

2010 Emissions Summary Report : 201591

Oct 11 2011, 10:08:29

- Report Data

Report Category: SMTV

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		9.4278E-04	0.	9.4278E-04	TONs
SO2 - Sulfur Dioxide	SO2	X	9.924E-05	5.06	5.0601	TONs
NOx - Nitrogen Oxides	NOX	X	0.01654	0.	0.01654	TONs
Organic Compounds	OC	X	8.01182	4.66	12.6718	TONs
Pb - Lead	7439921	X	8E-08	0.	8E-08	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	3.1426E-04	0.2	0.200314	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		3.1426E-04	0.2	0.200314	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		3.1426E-04	0.2	0.200314	TONs
VOC - Volatile Organic Compounds	VOC		8.01091	4.66	12.6709	TONs
Ammonia	NH3		5.2928E-04	0.	5.2928E-04	TONs
CO - Carbon Monoxide	CO		0.0138936	0.	0.0138936	TONs
Total of Chargable Pollutants					17.9488	TONS

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations. The values may be provided to USEPA by Ohio EPA as part of Ohio EPA's federal grant commitments. You may modify these Ohio EPA-generated hazardous air pollutant emission calculations, at the process level, if you have more accurate information. There is no certification of these values as part of the emissions report submission.

Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Acenaphthene	83329	1.4886E-10	0.	1.4886E-10	TONs
Acenaphthylene	208968	1.4886E-10	0.	1.4886E-10	TONs

Acetaldehyde	75070	3.526E-06	0.	3.526E-06	TONs
Acrolein	107028	3.03674E-06	0.	3.03674E-06	TONs
Anthracene	120127	1.9848E-10	0.	1.9848E-10	TONs
Arsenic	7440382	3.308E-08	0.	3.308E-08	TONs
Benz[A]Anthracene	56553	1.4886E-10	0.	1.4886E-10	TONs
Benzene	71432	3.4734E-07	0.	3.4734E-07	TONs
Benzo[A]Pyrene	50328	9.924E-11	0.	9.924E-11	TONs
Benzo[B]Fluoranthene	205992	1.4886E-10	0.	1.4886E-10	TONs
Benzo[G,H,I,]Perylene	191242	3.4734E-04	0.	3.4734E-04	TONs
Benzo[K]Fluoranthene	207089	1.4886E-10	0.	1.4886E-10	TONs
Beryllium	7440417	9.924E-10	0.	9.924E-10	TONs
Cadmium	7440439	1.8194E-07	0.	1.8194E-07	TONs
Chromium	7440473	2.3156E-07	0.	2.3156E-07	TONs
Chrysene	218019	1.4886E-10	0.	1.4886E-10	TONs
Cobalt	7440484	1.38936E-08	0.	1.38936E-08	TONs
Dibenzo[A,H]Anthracene	53703	9.924E-11	0.	9.924E-11	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	1.3232E-09	0.	1.3232E-09	TONs
Fluoranthene	206440	4.962E-10	0.	4.962E-10	TONs
Fluorene	86737	4.6312E-10	0.	4.6312E-10	TONs
Formaldehyde	50000	1.2405E-05	0.	1.2405E-05	TONs
Hexane, N-	110543	2.9772E-04	0.	2.9772E-04	TONs
Indeno[1,2,3-C,D]Pyrene	193395	1.4886E-10	0.	1.4886E-10	TONs
MN - Manganese	7439965	6.2852E-08	0.	6.2852E-08	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	4.3004E-08	0.	4.3004E-08	TONs
Methylcholanthrene, 3-	56495	1.4886E-10	0.	1.4886E-10	TONs
Methylnaphthalene, 2-	91576	3.9696E-09	0.	3.9696E-09	TONs
Naphthalene	91203	1.00894E-07	0.	1.00894E-07	TONs
Nickel	7440020	3.4734E-07	0.	3.4734E-07	TONs
Phenanthrene	85018	2.8118E-09	0.	2.8118E-09	TONs
Polycyclic Organic Matter	246	1.09491E-07	0.	1.09491E-07	TONs
Pyrene	129000	8.27E-10	0.	8.27E-10	TONs

Selenium	7782492	1.9848E-09	0.	1.9848E-09	TONs
Toluene	108883	5.6236E-07	0.	5.6236E-07	TONs

- **Attachments**

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
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- **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
P054	Less Than Reporting Requirement	Glycerine Refining w/Carbon Adsorption, Train 2 (K), IS-16
P097	Less Than Reporting Requirement	Glycerine Refining Process, Train 1 (NK), IS-34
T011	Less Than Reporting Requirement	Glycerine Storage Tank #263, IS-17A
T012	Less Than Reporting Requirement	Glycerine Storage Tank #264, IS-17B
T013	Less Than Reporting Requirement	Glycerine Storage Tank #266, IS-17C
T014	Less Than Reporting Requirement	Glycerine Storage Tank #265, IS-17D
T015	Less Than Reporting Requirement	Glycerine Storage Tank #261, IS-17E
T023	Less Than Reporting Requirement	Glycerine Storage Tank #19, IS-35C
T029	Less Than Reporting Requirement	Glycerine (Rework) Tank #11, IS-35J
T030	Less Than Reporting Requirement	Glycerine Tank #135, IS-35L
T031	Less Than Reporting Requirement	Glycerine Tank #136, IS-35M
T032	Less Than Reporting Requirement	Glycerine Tank #250, IS-35N
T033	Less Than Reporting Requirement	Glycerine Tank #251, IS-35O
T034	Less Than Reporting Requirement	Glycerine Tank #252, IS-35P
T035	Less Than Reporting Requirement	Refined Glycerine Tank #256, IS-35T
T036	Less Than Reporting Requirement	Refined Glycerine Tank #255, IS-35S
T037	Less Than Reporting Requirement	Refined Glycerine Tank #257, IS-35U
T038	Less Than Reporting Requirement	Refined Glycerine Tank #258, IS-35V
T073	Less Than Reporting Requirement	Storage Tank #74, IS-35G

T074	Less Than Reporting Requirement	Storage Tank #105, IS-35K
T075	Less Than Reporting Requirement	Storage Tank #253, IS-35Q
T076	Less Than Reporting Requirement	Storage Tank #254, IS-35R
T079	Exemption Status = Permit Exempt	H2SO4 Storage Tank #M139
T080	Exemption Status = Permit Exempt	Storage Tank #M140
T100	Exemption Status = Permit Exempt	HDL Finished Product Tank N7
T101	Exemption Status = Permit Exempt	HDL Finished Product Tank N8
T102	Exemption Status = Permit Exempt	HDL Finished Product Tank N9
T103	Exemption Status = Permit Exempt	HDL Rework Tank N10
T104	Exemption Status = Permit Exempt	HDL Finished Product Tank D-3 (M-143)
T111	Exemption Status = Permit Exempt	Alcohol Storage Tank
T112	Exemption Status = Permit Exempt	Alcohol Storage Tank
T113	Exemption Status = Permit Exempt	Alcohol Storage Tank
Z012	Less Than Reporting Requirement	Glycerine (Rework) Tank #1
Z013	Less Than Reporting Requirement	Glycerine (Rework) Tank #2
Z034	Less Than Reporting Requirement	Molten Sulfur Storage Tank
Z035	Exemption Status = Permit Exempt	Ethoxylated Alcohol Storage Tank D-1 (M-141)
Z036	Exemption Status = Permit Exempt	Glycol Storage Tank M-131
Z037	Exemption Status = Permit Exempt	Glycol Storage Tank M-132
Z038	Exemption Status = Permit Exempt	Glycol Storage Tank M-133
Z039	Exemption Status = Permit Exempt	Glycol Storage Tank M-134
Z040	Exemption Status = Permit Exempt	HDL Finished Product Storage Tank M-135
Z041	Exemption Status = Permit Exempt	HDL Finished Product Storage Tank M-136
Z042	Exemption Status = Permit Exempt	Storage Tank D-2 (M-142)
Z043	Less Than Reporting Requirement	Glycerin Maintenance Parts Washer
Z044	Less Than Reporting Requirement	HDL Maintenance Parts Washer
Z045	Less Than Reporting Requirement	HDL Maintenance Immersion Unit
Z046	Did Not Operate	Terminal Fire Pump

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO

J001	3-01-009-09	0.	0.	0.	8.01	0.	0.	0.	0.	8.01	0.	0.
P023	3-01-009-99	0.	5.06	0.	4.66	0.	0.2	0.2	0.2	4.66	0.	0.
P023	3-01-900-03	9.4278E-04	9.924E-05	0.01654	0.0018194	8E-08	3.1426E-04	3.1426E-04	3.1426E-04	9.097E-04	5.2928E-04	0.0138936
Total		9.4278E-04	5.0601	0.01654	12.6718	8E-08	0.200314	0.200314	0.200314	12.6709	5.2928E-04	0.0138936

Emission Unit Summary: J001

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Emissions Unit ID: J001

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	8.01	0	8.01	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		8.01	0	8.01	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					8.01	TONS	

- Processes

- Process & Emissions Detail

Name: HDL Load-Out Rack

Source Classification Code (SCC): 3-01-009-09

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret Reason: The process described is a key operation of P&G's consumer products business. Any information about hours of operation or throughput would provide information that could be used by competitors to gain an unfair advantage in the marketplace. This information is closely guarded and shared only with company employees or contract firms that agree to confidentiality terms.

Hours Per Day: **XX**

Winter (Dec - Feb)%: 27

Days Per Week: **X**

Spring (March-May)%: 25

Weeks Per Year: **XX**

Summer (June-Aug)%: 24

Hours Per Year: **XXXX**

Fall (Sept-Nov)%: 24

Material	Material Action	Throughput	X Units
Material	Processed	XXXXX	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			8.01	0	8.01	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
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			8.01	0	8.01	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							8.01	TONs	

Emission Unit Summary: P023

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Emissions Unit ID: P023

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		9.4278E-04	0.	9.4278E-04	TONs	
SO2 - Sulfur Dioxide	SO2	X	9.924E-05	5.06	5.0601	TONs	
NOx - Nitrogen Oxides	NOX	X	0.01654	0.	0.01654	TONs	
Organic Compounds	OC	X	0.0018194	4.66	4.66182	TONs	
Pb - Lead	7439921	X	8E-08	0.	8E-08	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	3.1426E-04	0.2	0.200314	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		3.1426E-04	0.2	0.200314	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		3.1426E-04	0.2	0.200314	TONs	
VOC - Volatile Organic Compounds	VOC		9.097E-04	4.66	4.66091	TONs	
Ammonia	NH3		5.2928E-04	0.	5.2928E-04	TONs	
CO - Carbon Monoxide	CO		0.0138936	0.	0.0138936	TONs	
Total of Chargable Pollutants					9.93877	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations. The values may be provided to USEPA by Ohio EPA as part of Ohio EPA's federal grant commitments. You may modify these Ohio EPA-generated hazardous air pollutant emission calculations, at the process level, if you have more accurate information. There is no certification of these values as part of the emissions report submission.

Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Acenaphthene	83329	1.4886E-10	0.	1.4886E-10	TONs
Acenaphthylene	208968	1.4886E-10	0.	1.4886E-10	TONs
Acetaldehyde	75070	3.526E-06	0.	3.526E-06	TONs
Acrolein	107028	3.03674E-06	0.	3.03674E-06	TONs
Anthracene	120127	1.9848E-10	0.	1.9848E-10	TONs
Arsenic	7440382	3.308E-08	0.	3.308E-08	TONs

Benz[A]Anthracene	56553	1.4886E-10	0.	1.4886E-10	TONs
Benzene	71432	3.4734E-07	0.	3.4734E-07	TONs
Benzo[A]Pyrene	50328	9.924E-11	0.	9.924E-11	TONs
Benzo[B]Fluoranthene	205992	1.4886E-10	0.	1.4886E-10	TONs
Benzo[G,H,I,]Perylene	191242	3.4734E-04	0.	3.4734E-04	TONs
Benzo[K]Fluoranthene	207089	1.4886E-10	0.	1.4886E-10	TONs
Beryllium	7440417	9.924E-10	0.	9.924E-10	TONs
Cadmium	7440439	1.8194E-07	0.	1.8194E-07	TONs
Chromium	7440473	2.3156E-07	0.	2.3156E-07	TONs
Chrysene	218019	1.4886E-10	0.	1.4886E-10	TONs
Cobalt	7440484	1.38936E-08	0.	1.38936E-08	TONs
Dibenzo[A,H]Anthracene	53703	9.924E-11	0.	9.924E-11	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	1.3232E-09	0.	1.3232E-09	TONs
Fluoranthene	206440	4.962E-10	0.	4.962E-10	TONs
Fluorene	86737	4.6312E-10	0.	4.6312E-10	TONs
Formaldehyde	50000	1.2405E-05	0.	1.2405E-05	TONs
Hexane, N-	110543	2.9772E-04	0.	2.9772E-04	TONs
Indeno[1,2,3-C,D]Pyrene	193395	1.4886E-10	0.	1.4886E-10	TONs
MN - Manganese	7439965	6.2852E-08	0.	6.2852E-08	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	4.3004E-08	0.	4.3004E-08	TONs
Methylcholanthrene, 3-	56495	1.4886E-10	0.	1.4886E-10	TONs
Methylnaphthalene, 2-	91576	3.9696E-09	0.	3.9696E-09	TONs
Naphthalene	91203	1.00894E-07	0.	1.00894E-07	TONs
Nickel	7440020	3.4734E-07	0.	3.4734E-07	TONs
Phenanthrene	85018	2.8118E-09	0.	2.8118E-09	TONs
Polycyclic Organic Matter	246	1.09491E-07	0.	1.09491E-07	TONs
Pyrene	129000	8.27E-10	0.	8.27E-10	TONs
Selenium	7782492	1.9848E-09	0.	1.9848E-09	TONs
Toluene	108883	5.6236E-07	0.	5.6236E-07	TONs

- **Processes**

- **Process & Emissions Detail**

Name: P023 Process

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

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

Schedule Trade Secret Reason: The process described is a key operation of P&G's consumer products business. Any information about hours of operation or throughput would provide information that could be used by competitors to gain an unfair advantage in the marketplace. This information is closely guarded and shared only with company employees or contract firms that agree to confidentiality terms.

Hours Per Day: XX	Winter (Dec - Feb)%: 27
Days Per Week: X	Spring (March-May)%: 25
Weeks Per Year: XX	Summer (June-Aug)%: 24
Hours Per Year: XXXX	Fall (Sept-Nov)%: 24

Material	Material Action	Throughput	X Units
Material	Produced	XXXXX	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	5.06	5.06	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	4.66	4.66	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
		X							

Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT		0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL		emissions: ENG. JUDGEMENT		0	0.20	0.2	TONs	XXXXXXXXXXXXXXXXXXXXXX
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10- FIL		emissions: ENG. JUDGEMENT		0	0.20	0.2	TONs	XXXXXXXXXXXXXXXXXXXXXX
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25- FIL		emissions: ENG. JUDGEMENT		0	0.20	0.2	TONs	XXXXXXXXXXXXXXXXXXXXXX
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT		0	4.66	4.66	TONs	XXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3		emissions: ENG. JUDGEMENT		0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT		0	0	0.	TONs	
Total of Chargable Pollutants							9.92	TONS	

- **Process & Emissions Detail**

Name: P023 Natural Gas

Source Classification Code (SCC): 3-01-900-03

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

Schedule Trade Secret Reason: The process described is a key operation of P&G's consumer products business. Any information about hours of operation or throughput would provide information that could be used by competitors to gain an unfair advantage in the marketplace. This information is closely guarded and shared only with company employees or contract firms that agree to confidentiality terms.

Hours Per Day: **XX**
Days Per Week: **X**
Weeks Per Year: **XX**

Winter (Dec - Feb)%: 27
Spring (March-May)%: 25
Summer (June-Aug)%: 24

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

Variable	Amount	Meaning
HCg	XXXXX	Gas Heat Content (Btu/Cubic Feet)

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0.00094278	0	9.4278E-04	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0.00009924	0	9.924E-05	TONs	XXXXXXXXXXXXXXXXXXXXXXX
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0.01654000	0	0.01654	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0.00181940	0	0.0018194	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0.00000008	0	8E-08	TONs	XXXXXXXXXXXXXXXXXXXXXXX
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0.00031426	0	3.1426E-04	TONs	XXXXXXXXXXXXXXXXXXXXXXX
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0.00031426	0	3.1426E-04	TONs	XXXXXXXXXXXXXXXXXXXXXXX
PM2.5 (FILT) - Primary PM2.5,	PM25-FIL	emissions: ENG.			0.00031426	0	3.1426E-04	TONs	XXXXXXXXXXXXXXXXXXXXXXX

Filterable Portion Only		JUDGEMENT							
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0.00090970	0	9.097E-04	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0.00052928	0	5.2928E-04	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0.01389360	0	0.0138936	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
Total of Chargable Pollutants							0.018773	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations. The values may be provided to USEPA by Ohio EPA as part of Ohio EPA's federal grant commitments. You may modify these Ohio EPA-generated hazardous air pollutant emission calculations, at the process level, if you have more accurate information. There is no certification of these values as part of the emissions report submission.

Process Emissions

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Acenaphthene	83329	factor:OEP A (auto calculate)	0	XXXXX	1.4886E-10	0.	1.4886E-10	TONs	
Acenaphthylene	208968	factor:OEP A (auto calculate)	0	XXXXX	1.4886E-10	0.	1.4886E-10	TONs	
Acetaldehyde	75070	factor:OEP A (auto calculate)	0	XXXXX	3.526E-06	0.	3.526E-06	TONs	
Acrolein	107028	factor:OEP A (auto calculate)	0	XXXXX	3.03674E-06	0.	3.03674E-06	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	0	XXXXX	1.9848E-10	0.	1.9848E-10	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	0	XXXXX	3.308E-08	0.	3.308E-08	TONs	

		calculate)							
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	0	XXXXXX	1.4886E-10	0.	1.4886E-10	TONs	
Benzene	71432	factor:OEP A (auto calculate)	0	XXXXXX	3.4734E-07	0.	3.4734E-07	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	0	XXXXXX	9.924E-11	0.	9.924E-11	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	0	XXXXXX	1.4886E-10	0.	1.4886E-10	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	0	XXXXXX	3.4734E-04	0.	3.4734E-04	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	0	XXXXXX	1.4886E-10	0.	1.4886E-10	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	0	XXXXXX	9.924E-10	0.	9.924E-10	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	0	XXXXXX	1.8194E-07	0.	1.8194E-07	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	0	XXXXXX	2.3156E-07	0.	2.3156E-07	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	XXXXXX	1.4886E-10	0.	1.4886E-10	TONs	
Cobalt	7440484	factor:OEP A (auto calculate)	0	XXXXXX	1.38936E-08	0.	1.38936E-08	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	0	XXXXXX	9.924E-11	0.	9.924E-11	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	0	XXXXXX	1.3232E-09	0.	1.3232E-09	TONs	
Fluoranthene	206440	factor:OEP A (auto	0	XXXXXX	4.962E-10	0.	4.962E-10	TONs	

		calculate)							
Fluorene	86737	factor:OEP A (auto calculate)	0	XXXXXX	4.6312E-10	0.	4.6312E-10	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	0	XXXXXX	1.2405E-05	0.	1.2405E-05	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	0	XXXXXX	2.9772E-04	0.	2.9772E-04	TONs	
Indeno[1,2,3- C,D]Pyrene	193395	factor:OEP A (auto calculate)	0	XXXXXX	1.4886E-10	0.	1.4886E-10	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	0	XXXXXX	6.2852E-08	0.	6.2852E-08	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	0	XXXXXX	4.3004E-08	0.	4.3004E-08	TONs	
Methylcholanthr ene, 3-	56495	factor:OEP A (auto calculate)	0	XXXXXX	1.4886E-10	0.	1.4886E-10	TONs	
Methylnaphthale ne, 2-	91576	factor:OEP A (auto calculate)	0	XXXXXX	3.9696E-09	0.	3.9696E-09	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	0	XXXXXX	1.00894E-07	0.	1.00894E-07	TONs	
Nickel	7440020	factor:OEP A (auto calculate)	0	XXXXXX	3.4734E-07	0.	3.4734E-07	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	XXXXXX	2.8118E-09	0.	2.8118E-09	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	XXXXXX	1.09491E-07	0.	1.09491E-07	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	XXXXXX	8.27E-10	0.	8.27E-10	TONs	

Selenium	7782492	factor:OEP A (auto calculate)	0	XXXXX	1.9848E-09	0.	1.9848E-09	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	XXXXX	5.6236E-07	0.	5.6236E-07	TONs	