SMTV FER/EIS Emissions Report (202189) for 2010
Pierre Foods, Inc.
1409000687
April 15, 2011

2010 Emissions Summary Report : 202189

Oct 11 2011, 13:35:35

- Report Data

Report Category: SMTV

Submitted Date: 04/15/2011

Approved Date 04/20/2011

Reporting Year: 2010

Reporting State Approved

- Reports Included

FER: X ES: EIS: X

- Facility Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0.0042	0.5402	0.5444	TONs
NOx - Nitrogen Oxides	NOX	X	0.688	87.719	88.407	TONs
Organic Compounds	OC	X	2.915	64.483	67.398	TONs
Pb - Lead	7439921	X	0.	0.	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	4.526	43.314	47.84	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		3.184	32.184	35.368	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		3.184	32.184	35.368	TONs
VOC - Volatile Organic Compounds	VOC		2.901	61.915	64.816	TONs
Ammonia	NH3		0.0018	0.4933	0.4951	TONs
CO - Carbon Monoxide	CO		0.59	73.67	74.26	TONs
Total of Chargable Pollutants					204.189	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	3.53812E-09	7.28009E-07	7.31547E-07	TONs
Acenaphthylene	208968	3.53812E-09	7.28009E-07	7.31547E-07	TONs

Acetaldehyde	75070	8.38064E-05	0.0168228	0.0169066	TONs
Acrolein	107028	7.21776E-05	0.0144885	0.0145607	TONs
Anthracene	120127	4.7175E-09	9.70678E-07	9.75396E-07	TONs
Arsenic	7440382	7.8625E-07	1.60656E-04	1.61442E-04	TONs
Benz[A]Anthracene	56553	3.53812E-09	7.28009E-07	7.31547E-07	TONs
Benzene	71432	8.25563E-06	0.00165719	0.00166544	TONs
Benzo[A]Pyrene	50328	2.35875E-09	4.85339E-07	4.87698E-07	TONs
Benzo[B]Fluoranthene	205992	3.53812E-09	7.28009E-07	7.31547E-07	TONs
Benzo[G,H,I,]Perylene	191242	0.00825562	0.207509	0.215765	TONs
Benzo[K]Fluoranthene	207089	3.53812E-09	7.28009E-07	7.31547E-07	TONs
Beryllium	7440417	2.35875E-08	4.81967E-06	4.84326E-06	TONs
Cadmium	7440439	4.32438E-06	8.83607E-04	8.87931E-04	TONs
Chromium	7440473	5.50375E-06	0.00112459	0.00113009	TONs
Chrysene	218019	3.53812E-09	7.28009E-07	7.31547E-07	TONs
Cobalt	7440484	3.30225E-07	6.74754E-05	6.78056E-05	TONs
Dibenzo[A,H]Anthracene	53703	2.35875E-09	4.85339E-07	4.87698E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	3.145E-08	6.47119E-06	6.50264E-06	TONs
Fluoranthene	206440	1.17938E-08	2.4267E-06	2.43849E-06	TONs
Fluorene	86737	1.10075E-08	2.26492E-06	2.27592E-06	TONs
Formaldehyde	50000	2.94844E-04	0.0591852	0.05948	TONs
Hexane, N-	110543	0.00707625	1.42044	1.42752	TONs
Indeno[1,2,3-C,D]Pyrene	193395	3.53812E-09	7.28009E-07	7.31547E-07	TONs
MN - Manganese	7439965	1.49388E-06	3.05246E-04	3.0674E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	1.02213E-06	2.10314E-04	2.11336E-04	TONs
Methylcholanthrene, 3-	56495	3.53812E-09	7.28009E-07	7.31547E-07	TONs
Methylnaphthalene, 2-	91576	9.435E-08	1.94136E-05	1.95079E-05	TONs
Naphthalene	91203	2.39806E-06	4.81373E-04	4.83771E-04	TONs
Nickel	7440020	8.25563E-06	0.00168689	0.00169514	TONs
Phenanthrene	85018	6.68312E-08	1.37513E-05	1.38181E-05	TONs
Polycyclic Organic Matter	246	2.60241E-06	5.35475E-04	5.38077E-04	TONs
Pyrene	129000	1.96562E-08	4.04449E-06	4.06415E-06	TONs

Selenium	7782492	4.7175E-08	9.63935E-06	9.68652E-06	TONs
Toluene	108883	1.33663E-05	0.00268306	0.00269643	TONs

- **Attachments**

Description	Type	Public Document	Trade Seceret Document	Trade secret Justification
Pierre Foods CY 2010 Emissions Calculations	Calculations	X	X	This spreadsheet contains process specific information (rated capacities or equipment) and process information that facility considered to be confidential. Only process line throughputs and emission cacluation formulas have been blacked out in the confidential file. The total emissions and emisson factors have remained available for public copy.
Pierre Foods CY 2010 Fee Report Notes	Other	X		

- **Notes**

User Name	Date	Note

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
B001	**1-03-006-03**	0.	0.02	3.74	0.33	0.	0.28	0.28	0.28	0.21	0.02	3.14
B002	**1-03-006-03**	0.	0.02	3.74	0.33	0.	0.28	0.28	0.28	0.21	0.02	3.14
B003	**1-03-006-03**	0.	0.02	3.74	0.33	0.	0.28	0.28	0.28	0.21	0.02	3.14
B004	**1-03-006-03**	0.	0.02	3.61	0.31	0.	0.27	0.27	0.27	0.2	0.02	3.03
B005	**1-03-006-03**	0.	0.02	3.61	0.31	0.	0.27	0.27	0.27	0.2	0.02	3.03
B006	**1-03-006-02**	0.	0.03	5.39	0.47	0.	0.41	0.41	0.41	0.3	0.03	4.53
B007	**1-03-006-02**	0.	0.03	5.5	0.48	0.	0.42	0.42	0.42	0.3	0.03	4.62
B008	**1-03-006-02**	0.	0.03	5.5	0.48	0.	0.42	0.42	0.42	0.3	0.03	4.62
P001	**3-02-900-03**	0.	0.0061	1.002	0.066	0.	0.057	0.057	0.057	0.042	0.0049	0.84
P001	**3-02-013-01**	0.	0.	0.	3.05	0.	0.113	0.082	0.082	3.05	0.	0.
P002	**3-02-900-03**	0.	0.0038	0.627	0.033	0.	0.029	0.029	0.029	0.0204	0.0031	0.53
P002	**3-02-013-01**	0.	0.	0.	1.61	0.	3.15	2.2	2.2	1.61	0.	0.
P003	**3-02-900-03**	0.	0.0038	0.627	0.049	0.	0.043	0.043	0.043	0.0306	0.0031	0.53

P003	**3-02-013-01**	0.	0.	0.	2.05	0.	4.03	2.83	2.83	2.05	0.	0.
P004	**3-02-900-03**	0.	0.0084	1.396	0.068	0.	0.06	0.06	0.06	0.044	0.0068	1.17
P004	**3-02-013-01**	0.	0.	0.	2.91	0.	5.68	3.98	3.98	2.91	0.	0.
P005	**3-02-900-03**	0.	0.0054	0.895	0.06	0.	0.053	0.053	0.053	0.038	0.0044	0.76
P005	**3-02-013-01**	0.	0.	0.	2.79	0.	0.103	0.072	0.072	2.79	0.	0.
P006	**3-02-900-03**	0.	0.0091	1.52	0.076	0.	0.066	0.066	0.066	0.048	0.0074	1.28
P006	**3-02-013-01**	0.	0.	0.	3.92	0.	7.86	5.5	5.5	3.92	0.	0.
P007	**3-02-900-03**	0.	0.0172	2.863	0.14	0.	0.122	0.122	0.122	0.088	0.014	2.4
P007	**3-02-013-01**	0.	0.	0.	5.06	0.	3.11	2.18	2.18	5.06	0.	0.
P008	**3-02-900-03**	0.	0.0172	2.863	0.139	0.	0.121	0.121	0.121	0.087	0.014	2.4
P008	**3-02-013-01**	0.	0.	0.	7.45	0.	4.22	2.95	2.95	7.45	0.	0.
P009	**3-02-900-03**	0.	0.0167	2.792	0.132	0.	0.115	0.115	0.115	0.083	0.0137	2.35
P009	**3-02-013-01**	0.	0.	0.	18.24	0.	7.25	5.09	5.09	18.24	0.	0.

Report Pollutant Summary (continued)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
P010	**3-02-900-03**	0.	0.0167	2.792	0.135	0.	0.118	0.118	0.118	0.085	0.0137	2.35
P010	**3-02-013-01**	0.	0.	0.	13.27	0.	6.14	4.3	4.3	13.27	0.	0.
Z002	**1-03-006-03**	0.	0.01	1.65	0.14	0.	0.13	0.13	0.13	0.09	0.01	1.39
Z003	**1-03-006-03**	0.	0.01	1.65	0.14	0.	0.13	0.13	0.13	0.09	0.01	1.39
Z004	**1-03-006-03**	0.	0.01	1.3	0.11	0.	0.1	0.1	0.1	0.07	0.01	1.09
Z005	**1-03-006-03**	0.	0.01	1.3	0.11	0.	0.1	0.1	0.1	0.07	0.01	1.09
Z006	**1-03-006-03**	0.	0.01	1.3	0.11	0.	0.1	0.1	0.1	0.07	0.01	1.09
Z007	**1-03-006-03**	0.	0.01	1.06	0.09	0.	0.08	0.08	0.08	0.06	0.01	0.89
Z008	**1-03-006-03**	0.	0.01	1.3	0.11	0.	0.1	0.1	0.1	0.07	0.01	1.09
Z009	**1-03-006-03**	0.	0.01	1.3	0.11	0.	0.1	0.1	0.1	0.07	0.01	1.09
Z010	**1-03-006-03**	0.	0.01	1.3	0.11	0.	0.1	0.1	0.1	0.07	0.01	1.09
Z011	**1-03-006-03**	0.	0.01	1.3	0.11	0.	0.1	0.1	0.1	0.07	0.01	1.09
Z012	**1-03-006-03**	0.	0.01	1.3	0.11	0.	0.1	0.1	0.1	0.07	0.01	1.09
Z013	**1-03-006-03**	0.	0.01	1.06	0.09	0.	0.08	0.08	0.08	0.06	0.01	0.89
Z014	**1-03-006-03**	0.	0.01	1.06	0.09	0.	0.08	0.08	0.08	0.06	0.01	0.89

Z016	**1-03-006-02**	0.	0.04	6.44	0.56	0.	0.49	0.49	0.49	0.35	0.03	5.41
Z017	**1-03-006-02**	0.	0.04	6.44	0.56	0.	0.49	0.49	0.49	0.35	0.03	5.41
Z018	**1-03-006-02**	0.	0.04	6.44	0.56	0.	0.49	0.49	0.49	0.35	0.03	5.41
Total		0.	0.5444	88.407	67.398	0.	47.84	35.368	35.368	64.816	0.4951	74.26

Emission Unit Summary: B001

Oct 11 2011, 13:35:35

Emissions Unit ID: B001

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	0	3.74	3.74	TONs	
Organic Compounds	OC	X	0	0.33	0.33	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.28	0.28	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.28	0.28	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.28	0.28	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.21	0.21	TONs	
Ammonia	NH3		0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		0	3.14	3.14	TONs	
Total of Chargable Pollutants					4.37	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	0.	3.3624E-08	3.3624E-08	TONs
Acenaphthylene	208968	0.	3.3624E-08	3.3624E-08	TONs
Acetaldehyde	75070	0.	7.9644E-04	7.9644E-04	TONs
Acrolein	107028	0.	6.8593E-04	6.8593E-04	TONs
Anthracene	120127	0.	4.4832E-08	4.4832E-08	TONs
Arsenic	7440382	0.	7.472E-06	7.472E-06	TONs

Benz[A]Anthracene	56553	0.	3.3624E-08	3.3624E-08	TONs
Benzene	71432	0.	7.8456E-05	7.8456E-05	TONs
Benzo[A]Pyrene	50328	0.	2.2416E-08	2.2416E-08	TONs
Benzo[B]Fluoranthene	205992	0.	3.3624E-08	3.3624E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	2.2416E-08	2.2416E-08	TONs
Benzo[K]Fluoranthene	207089	0.	3.3624E-08	3.3624E-08	TONs
Beryllium	7440417	0.	2.2416E-07	2.2416E-07	TONs
Cadmium	7440439	0.	4.1096E-05	4.1096E-05	TONs
Chromium	7440473	0.	5.2304E-05	5.2304E-05	TONs
Chrysene	218019	0.	3.3624E-08	3.3624E-08	TONs
Cobalt	7440484	0.	3.13824E-06	3.13824E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	2.2416E-08	2.2416E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.9888E-07	2.9888E-07	TONs
Fluoranthene	206440	0.	1.1208E-07	1.1208E-07	TONs
Fluorene	86737	0.	1.04608E-07	1.04608E-07	TONs
Formaldehyde	50000	0.	0.002802	0.002802	TONs
Hexane, N-	110543	0.	0.067248	0.067248	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	3.3624E-08	3.3624E-08	TONs
MN - Manganese	7439965	0.	1.41968E-05	1.41968E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	9.7136E-06	9.7136E-06	TONs
Methylcholanthrene, 3-	56495	0.	3.3624E-08	3.3624E-08	TONs
Methylnaphthalene, 2-	91576	0.	8.9664E-07	8.9664E-07	TONs
Naphthalene	91203	0.	2.27896E-05	2.27896E-05	TONs
Nickel	7440020	0.	7.8456E-05	7.8456E-05	TONs
Phenanthrene	85018	0.	6.3512E-07	6.3512E-07	TONs
Polycyclic Organic Matter	246	0.	2.47316E-05	2.47316E-05	TONs
Pyrene	129000	0.	1.868E-07	1.868E-07	TONs
Selenium	7782492	0.	4.4832E-07	4.4832E-07	TONs
Toluene	108883	0.	1.27024E-04	1.27024E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B001-0

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	74.72	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	3.74	3.74	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.33	0.33	TONs	

			JUDGEMENT							
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	0.28	0.28	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.28	0.28	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.28	0.28	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.21	0.21	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	3.14	3.14	TONs	
Total of Chargable Pollutants								4.37	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	7.9644E-04	7.9644E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	6.8593E-04	6.8593E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	4.4832E-08	4.4832E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	7.472E-06	7.472E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	7.8456E-05	7.8456E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	2.2416E-08	2.2416E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	2.2416E-08	2.2416E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	2.2416E-07	2.2416E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	4.1096E-05	4.1096E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	5.2304E-05	5.2304E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	3.13824E-06	3.13824E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	2.2416E-08	2.2416E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.9888E-07	2.9888E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.1208E-07	1.1208E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.04608E-07	1.04608E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.002802	0.002802	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.067248	0.067248	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	1.41968E-05	1.41968E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	9.7136E-06	9.7136E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	8.9664E-07	8.9664E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	2.27896E-05	2.27896E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	7.8456E-05	7.8456E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	6.3512E-07	6.3512E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	2.47316E-05	2.47316E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.868E-07	1.868E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	4.4832E-07	4.4832E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.27024E-04	1.27024E-04	TONs	

Emission Unit Summary: B002

Oct 11 2011, 13:35:35

Emissions Unit ID: B002

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	0	3.74	3.74	TONs	
Organic Compounds	OC	X	0	0.33	0.33	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.28	0.28	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.28	0.28	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.28	0.28	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.21	0.21	TONs	
Ammonia	NH3		0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		0	3.14	3.14	TONs	
Total of Chargable Pollutants					4.37	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	0.	3.3624E-08	3.3624E-08	TONs
Acenaphthylene	208968	0.	3.3624E-08	3.3624E-08	TONs
Acetaldehyde	75070	0.	7.9644E-04	7.9644E-04	TONs
Acrolein	107028	0.	6.8593E-04	6.8593E-04	TONs
Anthracene	120127	0.	4.4832E-08	4.4832E-08	TONs
Arsenic	7440382	0.	7.472E-06	7.472E-06	TONs

Benz[A]Anthracene	56553	0.	3.3624E-08	3.3624E-08	TONs
Benzene	71432	0.	7.8456E-05	7.8456E-05	TONs
Benzo[A]Pyrene	50328	0.	2.2416E-08	2.2416E-08	TONs
Benzo[B]Fluoranthene	205992	0.	3.3624E-08	3.3624E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	2.2416E-08	2.2416E-08	TONs
Benzo[K]Fluoranthene	207089	0.	3.3624E-08	3.3624E-08	TONs
Beryllium	7440417	0.	2.2416E-07	2.2416E-07	TONs
Cadmium	7440439	0.	4.1096E-05	4.1096E-05	TONs
Chromium	7440473	0.	5.2304E-05	5.2304E-05	TONs
Chrysene	218019	0.	3.3624E-08	3.3624E-08	TONs
Cobalt	7440484	0.	3.13824E-06	3.13824E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	2.2416E-08	2.2416E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.9888E-07	2.9888E-07	TONs
Fluoranthene	206440	0.	1.1208E-07	1.1208E-07	TONs
Fluorene	86737	0.	1.04608E-07	1.04608E-07	TONs
Formaldehyde	50000	0.	0.002802	0.002802	TONs
Hexane, N-	110543	0.	0.067248	0.067248	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	3.3624E-08	3.3624E-08	TONs
MN - Manganese	7439965	0.	1.41968E-05	1.41968E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	9.7136E-06	9.7136E-06	TONs
Methylcholanthrene, 3-	56495	0.	3.3624E-08	3.3624E-08	TONs
Methylnaphthalene, 2-	91576	0.	8.9664E-07	8.9664E-07	TONs
Naphthalene	91203	0.	2.27896E-05	2.27896E-05	TONs
Nickel	7440020	0.	7.8456E-05	7.8456E-05	TONs
Phenanthrene	85018	0.	6.3512E-07	6.3512E-07	TONs
Polycyclic Organic Matter	246	0.	2.47316E-05	2.47316E-05	TONs
Pyrene	129000	0.	1.868E-07	1.868E-07	TONs
Selenium	7782492	0.	4.4832E-07	4.4832E-07	TONs
Toluene	108883	0.	1.27024E-04	1.27024E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B002-1

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	74.72	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	3.74	3.74	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.33	0.33	TONs	

			JUDGEMENT							
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	0.28	0.28	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.28	0.28	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.28	0.28	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.21	0.21	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	3.14	3.14	TONs	
Total of Chargable Pollutants								4.37	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:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	7.9644E-04	7.9644E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	6.8593E-04	6.8593E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	4.4832E-08	4.4832E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	7.472E-06	7.472E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	7.8456E-05	7.8456E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	2.2416E-08	2.2416E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	2.2416E-08	2.2416E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	2.2416E-07	2.2416E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	4.1096E-05	4.1096E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	5.2304E-05	5.2304E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	3.13824E-06	3.13824E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	2.2416E-08	2.2416E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.9888E-07	2.9888E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.1208E-07	1.1208E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.04608E-07	1.04608E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.002802	0.002802	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.067248	0.067248	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	1.41968E-05	1.41968E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	9.7136E-06	9.7136E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	8.9664E-07	8.9664E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	2.27896E-05	2.27896E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	7.8456E-05	7.8456E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	6.3512E-07	6.3512E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	2.47316E-05	2.47316E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.868E-07	1.868E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	4.4832E-07	4.4832E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.27024E-04	1.27024E-04	TONs	

Emission Unit Summary: B003

Oct 11 2011, 13:35:35

Emissions Unit ID: B003

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	0	3.74	3.74	TONs	
Organic Compounds	OC	X	0	0.33	0.33	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.28	0.28	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.28	0.28	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.28	0.28	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.21	0.21	TONs	
Ammonia	NH3		0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		0	3.14	3.14	TONs	
Total of Chargable Pollutants					4.37	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	0.	3.3624E-08	3.3624E-08	TONs
Acenaphthylene	208968	0.	3.3624E-08	3.3624E-08	TONs
Acetaldehyde	75070	0.	7.9644E-04	7.9644E-04	TONs
Acrolein	107028	0.	6.8593E-04	6.8593E-04	TONs
Anthracene	120127	0.	4.4832E-08	4.4832E-08	TONs
Arsenic	7440382	0.	7.472E-06	7.472E-06	TONs

Benz[A]Anthracene	56553	0.	3.3624E-08	3.3624E-08	TONs
Benzene	71432	0.	7.8456E-05	7.8456E-05	TONs
Benzo[A]Pyrene	50328	0.	2.2416E-08	2.2416E-08	TONs
Benzo[B]Fluoranthene	205992	0.	3.3624E-08	3.3624E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	2.2416E-08	2.2416E-08	TONs
Benzo[K]Fluoranthene	207089	0.	3.3624E-08	3.3624E-08	TONs
Beryllium	7440417	0.	2.2416E-07	2.2416E-07	TONs
Cadmium	7440439	0.	4.1096E-05	4.1096E-05	TONs
Chromium	7440473	0.	5.2304E-05	5.2304E-05	TONs
Chrysene	218019	0.	3.3624E-08	3.3624E-08	TONs
Cobalt	7440484	0.	3.13824E-06	3.13824E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	2.2416E-08	2.2416E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.9888E-07	2.9888E-07	TONs
Fluoranthene	206440	0.	1.1208E-07	1.1208E-07	TONs
Fluorene	86737	0.	1.04608E-07	1.04608E-07	TONs
Formaldehyde	50000	0.	0.002802	0.002802	TONs
Hexane, N-	110543	0.	0.067248	0.067248	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	3.3624E-08	3.3624E-08	TONs
MN - Manganese	7439965	0.	1.41968E-05	1.41968E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	9.7136E-06	9.7136E-06	TONs
Methylcholanthrene, 3-	56495	0.	3.3624E-08	3.3624E-08	TONs
Methylnaphthalene, 2-	91576	0.	8.9664E-07	8.9664E-07	TONs
Naphthalene	91203	0.	2.27896E-05	2.27896E-05	TONs
Nickel	7440020	0.	7.8456E-05	7.8456E-05	TONs
Phenanthrene	85018	0.	6.3512E-07	6.3512E-07	TONs
Polycyclic Organic Matter	246	0.	2.47316E-05	2.47316E-05	TONs
Pyrene	129000	0.	1.868E-07	1.868E-07	TONs
Selenium	7782492	0.	4.4832E-07	4.4832E-07	TONs
Toluene	108883	0.	1.27024E-04	1.27024E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B003-2

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	74.72	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	3.74	3.74	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.33	0.33	TONs	

			JUDGEMENT							
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	0.28	0.28	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.28	0.28	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.28	0.28	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.21	0.21	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	3.14	3.14	TONs	
Total of Chargable Pollutants								4.37	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	7.9644E-04	7.9644E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	6.8593E-04	6.8593E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	4.4832E-08	4.4832E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	7.472E-06	7.472E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	7.8456E-05	7.8456E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	2.2416E-08	2.2416E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	2.2416E-08	2.2416E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	2.2416E-07	2.2416E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	4.1096E-05	4.1096E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	5.2304E-05	5.2304E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	3.13824E-06	3.13824E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	2.2416E-08	2.2416E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.9888E-07	2.9888E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.1208E-07	1.1208E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.04608E-07	1.04608E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.002802	0.002802	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.067248	0.067248	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	1.41968E-05	1.41968E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	9.7136E-06	9.7136E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	3.3624E-08	3.3624E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	8.9664E-07	8.9664E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	2.27896E-05	2.27896E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	7.8456E-05	7.8456E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	6.3512E-07	6.3512E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	2.47316E-05	2.47316E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.868E-07	1.868E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	4.4832E-07	4.4832E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.27024E-04	1.27024E-04	TONs	

Emission Unit Summary: B004

Oct 11 2011, 13:35:35

Emissions Unit ID: B004

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	0	3.61	3.61	TONs	
Organic Compounds	OC	X	0	0.31	0.31	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	0.20	0.2	TONs	
Ammonia	NH3		0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		0	3.03	3.03	TONs	
Total of Chargable Pollutants					4.21	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	0.	3.2463E-08	3.2463E-08	TONs
Acenaphthylene	208968	0.	3.2463E-08	3.2463E-08	TONs
Acetaldehyde	75070	0.	7.6894E-04	7.6894E-04	TONs
Acrolein	107028	0.	6.62245E-04	6.62245E-04	TONs
Anthracene	120127	0.	4.3284E-08	4.3284E-08	TONs
Arsenic	7440382	0.	7.214E-06	7.214E-06	TONs

Benz[A]Anthracene	56553	0.	3.2463E-08	3.2463E-08	TONs
Benzene	71432	0.	7.5747E-05	7.5747E-05	TONs
Benzo[A]Pyrene	50328	0.	2.1642E-08	2.1642E-08	TONs
Benzo[B]Fluoranthene	205992	0.	3.2463E-08	3.2463E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	2.1642E-08	2.1642E-08	TONs
Benzo[K]Fluoranthene	207089	0.	3.2463E-08	3.2463E-08	TONs
Beryllium	7440417	0.	2.1642E-07	2.1642E-07	TONs
Cadmium	7440439	0.	3.9677E-05	3.9677E-05	TONs
Chromium	7440473	0.	5.0498E-05	5.0498E-05	TONs
Chrysene	218019	0.	3.2463E-08	3.2463E-08	TONs
Cobalt	7440484	0.	3.02988E-06	3.02988E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	2.1642E-08	2.1642E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.8856E-07	2.8856E-07	TONs
Fluoranthene	206440	0.	1.0821E-07	1.0821E-07	TONs
Fluorene	86737	0.	1.00996E-07	1.00996E-07	TONs
Formaldehyde	50000	0.	0.00270525	0.00270525	TONs
Hexane, N-	110543	0.	0.064926	0.064926	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	3.2463E-08	3.2463E-08	TONs
MN - Manganese	7439965	0.	1.37066E-05	1.37066E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	9.3782E-06	9.3782E-06	TONs
Methylcholanthrene, 3-	56495	0.	3.2463E-08	3.2463E-08	TONs
Methylnaphthalene, 2-	91576	0.	8.6568E-07	8.6568E-07	TONs
Naphthalene	91203	0.	2.20027E-05	2.20027E-05	TONs
Nickel	7440020	0.	7.5747E-05	7.5747E-05	TONs
Phenanthrene	85018	0.	6.1319E-07	6.1319E-07	TONs
Polycyclic Organic Matter	246	0.	2.38776E-05	2.38776E-05	TONs
Pyrene	129000	0.	1.8035E-07	1.8035E-07	TONs
Selenium	7782492	0.	4.3284E-07	4.3284E-07	TONs
Toluene	108883	0.	1.22638E-04	1.22638E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B004-3

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	72.14	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	3.61	3.61	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.31	0.31	TONs	

			JUDGEMENT							
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	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.27	0.27	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.27	0.27	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.20	0.2	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	3.03	3.03	TONs	
Total of Chargable Pollutants								4.21	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	7.6894E-04	7.6894E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	6.62245E-04	6.62245E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	4.3284E-08	4.3284E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	7.214E-06	7.214E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	7.5747E-05	7.5747E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	2.1642E-08	2.1642E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	2.1642E-08	2.1642E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	2.1642E-07	2.1642E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	3.9677E-05	3.9677E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	5.0498E-05	5.0498E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	3.02988E-06	3.02988E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	2.1642E-08	2.1642E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.8856E-07	2.8856E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.0821E-07	1.0821E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.00996E-07	1.00996E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00270525	0.00270525	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.064926	0.064926	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	1.37066E-05	1.37066E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	9.3782E-06	9.3782E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	8.6568E-07	8.6568E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	2.20027E-05	2.20027E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	7.5747E-05	7.5747E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	6.1319E-07	6.1319E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	2.38776E-05	2.38776E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.8035E-07	1.8035E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	4.3284E-07	4.3284E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.22638E-04	1.22638E-04	TONs	

Emission Unit Summary: B005

Oct 11 2011, 13:35:35

Emissions Unit ID: B005

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	0	3.61	3.61	TONs	
Organic Compounds	OC	X	0	0.31	0.31	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	0.20	0.2	TONs	
Ammonia	NH3		0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		0	3.03	3.03	TONs	
Total of Chargable Pollutants					4.21	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	0.	3.2463E-08	3.2463E-08	TONs
Acenaphthylene	208968	0.	3.2463E-08	3.2463E-08	TONs
Acetaldehyde	75070	0.	7.6894E-04	7.6894E-04	TONs
Acrolein	107028	0.	6.62245E-04	6.62245E-04	TONs
Anthracene	120127	0.	4.3284E-08	4.3284E-08	TONs
Arsenic	7440382	0.	7.214E-06	7.214E-06	TONs

Benz[A]Anthracene	56553	0.	3.2463E-08	3.2463E-08	TONs
Benzene	71432	0.	7.5747E-05	7.5747E-05	TONs
Benzo[A]Pyrene	50328	0.	2.1642E-08	2.1642E-08	TONs
Benzo[B]Fluoranthene	205992	0.	3.2463E-08	3.2463E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	2.1642E-08	2.1642E-08	TONs
Benzo[K]Fluoranthene	207089	0.	3.2463E-08	3.2463E-08	TONs
Beryllium	7440417	0.	2.1642E-07	2.1642E-07	TONs
Cadmium	7440439	0.	3.9677E-05	3.9677E-05	TONs
Chromium	7440473	0.	5.0498E-05	5.0498E-05	TONs
Chrysene	218019	0.	3.2463E-08	3.2463E-08	TONs
Cobalt	7440484	0.	3.02988E-06	3.02988E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	2.1642E-08	2.1642E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.8856E-07	2.8856E-07	TONs
Fluoranthene	206440	0.	1.0821E-07	1.0821E-07	TONs
Fluorene	86737	0.	1.00996E-07	1.00996E-07	TONs
Formaldehyde	50000	0.	0.00270525	0.00270525	TONs
Hexane, N-	110543	0.	0.064926	0.064926	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	3.2463E-08	3.2463E-08	TONs
MN - Manganese	7439965	0.	1.37066E-05	1.37066E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	9.3782E-06	9.3782E-06	TONs
Methylcholanthrene, 3-	56495	0.	3.2463E-08	3.2463E-08	TONs
Methylnaphthalene, 2-	91576	0.	8.6568E-07	8.6568E-07	TONs
Naphthalene	91203	0.	2.20027E-05	2.20027E-05	TONs
Nickel	7440020	0.	7.5747E-05	7.5747E-05	TONs
Phenanthrene	85018	0.	6.1319E-07	6.1319E-07	TONs
Polycyclic Organic Matter	246	0.	2.38776E-05	2.38776E-05	TONs
Pyrene	129000	0.	1.8035E-07	1.8035E-07	TONs
Selenium	7782492	0.	4.3284E-07	4.3284E-07	TONs
Toluene	108883	0.	1.22638E-04	1.22638E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B005-4

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	72.14	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	3.61	3.61	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.31	0.31	TONs	

			JUDGEMENT							
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	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.27	0.27	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.27	0.27	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.20	0.2	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	3.03	3.03	TONs	
Total of Chargable Pollutants								4.21	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	7.6894E-04	7.6894E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	6.62245E-04	6.62245E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	4.3284E-08	4.3284E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	7.214E-06	7.214E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	7.5747E-05	7.5747E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	2.1642E-08	2.1642E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	2.1642E-08	2.1642E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	2.1642E-07	2.1642E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	3.9677E-05	3.9677E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	5.0498E-05	5.0498E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	3.02988E-06	3.02988E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	2.1642E-08	2.1642E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.8856E-07	2.8856E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.0821E-07	1.0821E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.00996E-07	1.00996E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00270525	0.00270525	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.064926	0.064926	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	1.37066E-05	1.37066E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	9.3782E-06	9.3782E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	3.2463E-08	3.2463E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	8.6568E-07	8.6568E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	2.20027E-05	2.20027E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	7.5747E-05	7.5747E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	6.1319E-07	6.1319E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	2.38776E-05	2.38776E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.8035E-07	1.8035E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	4.3284E-07	4.3284E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.22638E-04	1.22638E-04	TONs	

Emission Unit Summary: B006

Oct 11 2011, 13:35:35

Emissions Unit ID: B006

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.03	0.03	TONs	
NOx - Nitrogen Oxides	NOX	X	0	5.39	5.39	TONs	
Organic Compounds	OC	X	0	0.47	0.47	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	0.41	0.41	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.41	0.41	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.30	0.3	TONs	
Ammonia	NH3		0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		0	4.53	4.53	TONs	
Total of Chargable Pollutants					6.3	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	0.	4.85415E-08	4.85415E-08	TONs
Acenaphthylene	208968	0.	4.85415E-08	4.85415E-08	TONs
Acetaldehyde	75070	0.	0.00114979	0.00114979	TONs
Acrolein	107028	0.	9.90247E-04	9.90247E-04	TONs
Anthracene	120127	0.	6.4722E-08	6.4722E-08	TONs
Arsenic	7440382	0.	1.0787E-05	1.0787E-05	TONs

Benz[A]Anthracene	56553	0.	4.85415E-08	4.85415E-08	TONs
Benzene	71432	0.	1.13264E-04	1.13264E-04	TONs
Benzo[A]Pyrene	50328	0.	3.2361E-08	3.2361E-08	TONs
Benzo[B]Fluoranthene	205992	0.	4.85415E-08	4.85415E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	3.2361E-08	3.2361E-08	TONs
Benzo[K]Fluoranthene	207089	0.	4.85415E-08	4.85415E-08	TONs
Beryllium	7440417	0.	3.2361E-07	3.2361E-07	TONs
Cadmium	7440439	0.	5.93285E-05	5.93285E-05	TONs
Chromium	7440473	0.	7.5509E-05	7.5509E-05	TONs
Chrysene	218019	0.	4.85415E-08	4.85415E-08	TONs
Cobalt	7440484	0.	4.53054E-06	4.53054E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	3.2361E-08	3.2361E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	4.3148E-07	4.3148E-07	TONs
Fluoranthene	206440	0.	1.61805E-07	1.61805E-07	TONs
Fluorene	86737	0.	1.51018E-07	1.51018E-07	TONs
Formaldehyde	50000	0.	0.00404512	0.00404512	TONs
Hexane, N-	110543	0.	0.097083	0.097083	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	4.85415E-08	4.85415E-08	TONs
MN - Manganese	7439965	0.	2.04953E-05	2.04953E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.40231E-05	1.40231E-05	TONs
Methylcholanthrene, 3-	56495	0.	4.85415E-08	4.85415E-08	TONs
Methylnaphthalene, 2-	91576	0.	1.29444E-06	1.29444E-06	TONs
Naphthalene	91203	0.	3.29004E-05	3.29004E-05	TONs
Nickel	7440020	0.	1.13264E-04	1.13264E-04	TONs
Phenanthrene	85018	0.	9.16895E-07	9.16895E-07	TONs
Polycyclic Organic Matter	246	0.	3.57039E-05	3.57039E-05	TONs
Pyrene	129000	0.	2.69675E-07	2.69675E-07	TONs
Selenium	7782492	0.	6.4722E-07	6.4722E-07	TONs
Toluene	108883	0.	1.83379E-04	1.83379E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B006-5

Source Classification Code (SCC): 1-03-006-02

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	107.87	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.03	0.03	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	5.39	5.39	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.47	0.47	TONs	

			JUDGEMENT							
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	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.30	0.3	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	4.53	4.53	TONs	
Total of Chargable Pollutants								6.3	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	4.85415E-08	4.85415E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	4.85415E-08	4.85415E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	0.00114979	0.00114979	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	9.90247E-04	9.90247E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	6.4722E-08	6.4722E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	1.0787E-05	1.0787E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	4.85415E-08	4.85415E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	1.13264E-04	1.13264E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	3.2361E-08	3.2361E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	4.85415E-08	4.85415E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	3.2361E-08	3.2361E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	4.85415E-08	4.85415E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	3.2361E-07	3.2361E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	5.93285E-05	5.93285E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	7.5509E-05	7.5509E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	4.85415E-08	4.85415E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	4.53054E-06	4.53054E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	3.2361E-08	3.2361E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	4.3148E-07	4.3148E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.61805E-07	1.61805E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.51018E-07	1.51018E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00404512	0.00404512	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.097083	0.097083	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	4.85415E-08	4.85415E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	2.04953E-05	2.04953E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	1.40231E-05	1.40231E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	4.85415E-08	4.85415E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	1.29444E-06	1.29444E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	3.29004E-05	3.29004E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	1.13264E-04	1.13264E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	9.16895E-07	9.16895E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	3.57039E-05	3.57039E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	2.69675E-07	2.69675E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	6.4722E-07	6.4722E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.83379E-04	1.83379E-04	TONs	

Emission Unit Summary: B007

Oct 11 2011, 13:35:35

Emissions Unit ID: B007

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.03	0.03	TONs	
NOx - Nitrogen Oxides	NOX	X	0	5.50	5.5	TONs	
Organic Compounds	OC	X	0	0.48	0.48	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	0.30	0.3	TONs	
Ammonia	NH3		0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		0	4.62	4.62	TONs	
Total of Chargable Pollutants					6.43	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	0.	4.94685E-08	4.94685E-08	TONs
Acenaphthylene	208968	0.	4.94685E-08	4.94685E-08	TONs
Acetaldehyde	75070	0.	0.00117174	0.00117174	TONs
Acrolein	107028	0.	0.00100916	0.00100916	TONs
Anthracene	120127	0.	6.5958E-08	6.5958E-08	TONs
Arsenic	7440382	0.	1.0993E-05	1.0993E-05	TONs

Benz[A]Anthracene	56553	0.	4.94685E-08	4.94685E-08	TONs
Benzene	71432	0.	1.15427E-04	1.15427E-04	TONs
Benzo[A]Pyrene	50328	0.	3.2979E-08	3.2979E-08	TONs
Benzo[B]Fluoranthene	205992	0.	4.94685E-08	4.94685E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	3.2979E-08	3.2979E-08	TONs
Benzo[K]Fluoranthene	207089	0.	4.94685E-08	4.94685E-08	TONs
Beryllium	7440417	0.	3.2979E-07	3.2979E-07	TONs
Cadmium	7440439	0.	6.04615E-05	6.04615E-05	TONs
Chromium	7440473	0.	7.6951E-05	7.6951E-05	TONs
Chrysene	218019	0.	4.94685E-08	4.94685E-08	TONs
Cobalt	7440484	0.	4.61706E-06	4.61706E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	3.2979E-08	3.2979E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	4.3972E-07	4.3972E-07	TONs
Fluoranthene	206440	0.	1.64895E-07	1.64895E-07	TONs
Fluorene	86737	0.	1.53902E-07	1.53902E-07	TONs
Formaldehyde	50000	0.	0.00412238	0.00412238	TONs
Hexane, N-	110543	0.	0.098937	0.098937	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	4.94685E-08	4.94685E-08	TONs
MN - Manganese	7439965	0.	2.08867E-05	2.08867E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.42909E-05	1.42909E-05	TONs
Methylcholanthrene, 3-	56495	0.	4.94685E-08	4.94685E-08	TONs
Methylnaphthalene, 2-	91576	0.	1.31916E-06	1.31916E-06	TONs
Naphthalene	91203	0.	3.35286E-05	3.35286E-05	TONs
Nickel	7440020	0.	1.15427E-04	1.15427E-04	TONs
Phenanthrene	85018	0.	9.34405E-07	9.34405E-07	TONs
Polycyclic Organic Matter	246	0.	3.63857E-05	3.63857E-05	TONs
Pyrene	129000	0.	2.74825E-07	2.74825E-07	TONs
Selenium	7782492	0.	6.5958E-07	6.5958E-07	TONs
Toluene	108883	0.	1.86881E-04	1.86881E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B007-6

Source Classification Code (SCC): 1-03-006-02

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	109.93	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.03	0.03	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	5.50	5.5	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.48	0.48	TONs	

			JUDGEMENT							
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	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.30	0.3	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	4.62	4.62	TONs	
Total of Chargable Pollutants								6.43	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	0.00117174	0.00117174	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	0.00100916	0.00100916	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	6.5958E-08	6.5958E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	1.0993E-05	1.0993E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	1.15427E-04	1.15427E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	3.2979E-08	3.2979E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	3.2979E-08	3.2979E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	3.2979E-07	3.2979E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	6.04615E-05	6.04615E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	7.6951E-05	7.6951E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	4.61706E-06	4.61706E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	3.2979E-08	3.2979E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	4.3972E-07	4.3972E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.64895E-07	1.64895E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.53902E-07	1.53902E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00412238	0.00412238	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.098937	0.098937	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	2.08867E-05	2.08867E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	1.42909E-05	1.42909E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	1.31916E-06	1.31916E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	3.35286E-05	3.35286E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	1.15427E-04	1.15427E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	9.34405E-07	9.34405E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	3.63857E-05	3.63857E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	2.74825E-07	2.74825E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	6.5958E-07	6.5958E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.86881E-04	1.86881E-04	TONs	

Emission Unit Summary: B008

Oct 11 2011, 13:35:35

Emissions Unit ID: B008

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.03	0.03	TONs	
NOx - Nitrogen Oxides	NOX	X	0	5.50	5.5	TONs	
Organic Compounds	OC	X	0	0.48	0.48	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	0.30	0.3	TONs	
Ammonia	NH3		0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		0	4.62	4.62	TONs	
Total of Chargable Pollutants					6.43	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	0.	4.94685E-08	4.94685E-08	TONs
Acenaphthylene	208968	0.	4.94685E-08	4.94685E-08	TONs
Acetaldehyde	75070	0.	0.00117174	0.00117174	TONs
Acrolein	107028	0.	0.00100916	0.00100916	TONs
Anthracene	120127	0.	6.5958E-08	6.5958E-08	TONs
Arsenic	7440382	0.	1.0993E-05	1.0993E-05	TONs

Benz[A]Anthracene	56553	0.	4.94685E-08	4.94685E-08	TONs
Benzene	71432	0.	1.15427E-04	1.15427E-04	TONs
Benzo[A]Pyrene	50328	0.	3.2979E-08	3.2979E-08	TONs
Benzo[B]Fluoranthene	205992	0.	4.94685E-08	4.94685E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	3.2979E-08	3.2979E-08	TONs
Benzo[K]Fluoranthene	207089	0.	4.94685E-08	4.94685E-08	TONs
Beryllium	7440417	0.	3.2979E-07	3.2979E-07	TONs
Cadmium	7440439	0.	6.04615E-05	6.04615E-05	TONs
Chromium	7440473	0.	7.6951E-05	7.6951E-05	TONs
Chrysene	218019	0.	4.94685E-08	4.94685E-08	TONs
Cobalt	7440484	0.	4.61706E-06	4.61706E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	3.2979E-08	3.2979E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	4.3972E-07	4.3972E-07	TONs
Fluoranthene	206440	0.	1.64895E-07	1.64895E-07	TONs
Fluorene	86737	0.	1.53902E-07	1.53902E-07	TONs
Formaldehyde	50000	0.	0.00412238	0.00412238	TONs
Hexane, N-	110543	0.	0.098937	0.098937	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	4.94685E-08	4.94685E-08	TONs
MN - Manganese	7439965	0.	2.08867E-05	2.08867E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.42909E-05	1.42909E-05	TONs
Methylcholanthrene, 3-	56495	0.	4.94685E-08	4.94685E-08	TONs
Methylnaphthalene, 2-	91576	0.	1.31916E-06	1.31916E-06	TONs
Naphthalene	91203	0.	3.35286E-05	3.35286E-05	TONs
Nickel	7440020	0.	1.15427E-04	1.15427E-04	TONs
Phenanthrene	85018	0.	9.34405E-07	9.34405E-07	TONs
Polycyclic Organic Matter	246	0.	3.63857E-05	3.63857E-05	TONs
Pyrene	129000	0.	2.74825E-07	2.74825E-07	TONs
Selenium	7782492	0.	6.5958E-07	6.5958E-07	TONs
Toluene	108883	0.	1.86881E-04	1.86881E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B008-7

Source Classification Code (SCC): 1-03-006-02

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	109.93	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.03	0.03	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	5.50	5.5	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.48	0.48	TONs	

			JUDGEMENT							
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	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.42	0.42	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.30	0.3	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	4.62	4.62	TONs	
Total of Chargable Pollutants								6.43	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	0.00117174	0.00117174	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	0.00100916	0.00100916	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	6.5958E-08	6.5958E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	1.0993E-05	1.0993E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	1.15427E-04	1.15427E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	3.2979E-08	3.2979E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	3.2979E-08	3.2979E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	3.2979E-07	3.2979E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	6.04615E-05	6.04615E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	7.6951E-05	7.6951E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	4.61706E-06	4.61706E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	3.2979E-08	3.2979E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	4.3972E-07	4.3972E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.64895E-07	1.64895E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.53902E-07	1.53902E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00412238	0.00412238	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.098937	0.098937	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	2.08867E-05	2.08867E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	1.42909E-05	1.42909E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	4.94685E-08	4.94685E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	1.31916E-06	1.31916E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	3.35286E-05	3.35286E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	1.15427E-04	1.15427E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	9.34405E-07	9.34405E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	3.63857E-05	3.63857E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	2.74825E-07	2.74825E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	6.5958E-07	6.5958E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.86881E-04	1.86881E-04	TONs	

Emission Unit Summary: P001

Oct 11 2011, 13:35:35

Emissions Unit ID: P001

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	1E-04	0.006	0.0061	TONs	
NOx - Nitrogen Oxides	NOX	X	0.02	0.982	1.002	TONs	
Organic Compounds	OC	X	0.071	3.045	3.116	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.004	0.166	0.17	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.003	0.136	0.139	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.003	0.136	0.139	TONs	
VOC - Volatile Organic Compounds	VOC		0.071	3.021	3.092	TONs	
Ammonia	NH3		1E-04	0.0048	0.0049	TONs	
CO - Carbon Monoxide	CO		0.02	0.82	0.84	TONs	
Total of Chargable Pollutants					4.2941	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	1.3626E-10	6.67674E-09	6.813E-09	TONs
Acenaphthylene	208968	1.3626E-10	6.67674E-09	6.813E-09	TONs
Acetaldehyde	75070	3.22755E-06	1.2652E-04	1.29748E-04	TONs
Acrolein	107028	2.7797E-06	1.08964E-04	1.11744E-04	TONs
Anthracene	120127	1.8168E-10	8.90232E-09	9.084E-09	TONs
Arsenic	7440382	3.028E-08	1.48372E-06	1.514E-06	TONs

Benz[A]Anthracene	56553	1.3626E-10	6.67674E-09	6.813E-09	TONs
Benzene	71432	3.1794E-07	1.24632E-05	1.27811E-05	TONs
Benzo[A]Pyrene	50328	9.084E-11	4.45116E-09	4.542E-09	TONs
Benzo[B]Fluoranthene	205992	1.3626E-10	6.67674E-09	6.813E-09	TONs
Benzo[G,H,I,]Perylene	191242	3.1794E-04	0.0155791	0.015897	TONs
Benzo[K]Fluoranthene	207089	1.3626E-10	6.67674E-09	6.813E-09	TONs
Beryllium	7440417	9.084E-10	4.45116E-08	4.542E-08	TONs
Cadmium	7440439	1.6654E-07	8.16046E-06	8.327E-06	TONs
Chromium	7440473	2.1196E-07	1.0386E-05	1.0598E-05	TONs
Chrysene	218019	1.3626E-10	6.67674E-09	6.813E-09	TONs
Cobalt	7440484	1.27176E-08	6.23162E-07	6.3588E-07	TONs
Dibenzo[A,H]Anthracene	53703	9.084E-11	4.45116E-09	4.542E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	1.2112E-09	5.93488E-08	6.056E-08	TONs
Fluoranthene	206440	4.542E-10	2.22558E-08	2.271E-08	TONs
Fluorene	86737	4.2392E-10	2.07721E-08	2.1196E-08	TONs
Formaldehyde	50000	1.1355E-05	4.45116E-04	4.56471E-04	TONs
Hexane, N-	110543	2.7252E-04	0.0106828	0.0109553	TONs
Indeno[1,2,3-C,D]Pyrene	193395	1.3626E-10	6.67674E-09	6.813E-09	TONs
MN - Manganese	7439965	5.7532E-08	2.81907E-06	2.8766E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	3.9364E-08	1.92884E-06	1.9682E-06	TONs
Methylcholanthrene, 3-	56495	1.3626E-10	6.67674E-09	6.813E-09	TONs
Methylnaphthalene, 2-	91576	3.6336E-09	1.78046E-07	1.8168E-07	TONs
Naphthalene	91203	9.2354E-08	3.62028E-06	3.71263E-06	TONs
Nickel	7440020	3.1794E-07	1.55791E-05	1.5897E-05	TONs
Phenanthrene	85018	2.5738E-09	1.26116E-07	1.2869E-07	TONs
Polycyclic Organic Matter	246	1.00224E-07	4.91096E-06	5.01118E-06	TONs
Pyrene	129000	7.57E-10	3.7093E-08	3.785E-08	TONs
Selenium	7782492	1.8168E-09	8.90232E-08	9.084E-08	TONs
Toluene	108883	5.1476E-07	2.01786E-05	2.06934E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P001-1

Source Classification Code (SCC): 3-02-900-03

- 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: 5513

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	15.14	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.00	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0001	0.006	0.0061	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.020	0.982	1.002	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.001	0.065	0.066	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.00	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.001	0.056	0.057	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.001	0.056	0.057	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.001	0.056	0.057	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.001	0.041	0.042	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0001	0.0048	0.0049	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.02	0.82	0.84	TONs	
Total of Chargable Pollutants								1.1311	TONS	

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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:OEPA (auto calculate)	0	9E-07	1.3626E-10	6.67674E-09	6.813E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	1.3626E-10	6.67674E-09	6.813E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	3.22755E-06	1.2652E-04	1.29748E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	2.7797E-06	1.08964E-04	1.11744E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	1.8168E-10	8.90232E-09	9.084E-09	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	3.028E-08	1.48372E-06	1.514E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	1.3626E-10	6.67674E-09	6.813E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	3.1794E-07	1.24632E-05	1.27811E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	9.084E-11	4.45116E-09	4.542E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	1.3626E-10	6.67674E-09	6.813E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	3.1794E-04	0.0155791	0.015897	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	1.3626E-10	6.67674E-09	6.813E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	9.084E-10	4.45116E-08	4.542E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.6654E-07	8.16046E-06	8.327E-06	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	2.1196E-07	1.0386E-05	1.0598E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	1.3626E-10	6.67674E-09	6.813E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	1.27176E-08	6.23162E-07	6.3588E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	9.084E-11	4.45116E-09	4.542E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	1.2112E-09	5.93488E-08	6.056E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	4.542E-10	2.22558E-08	2.271E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	4.2392E-10	2.07721E-08	2.1196E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	1.1355E-05	4.45116E-04	4.56471E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	2.7252E-04	0.0106828	0.0109553	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	1.3626E-10	6.67674E-09	6.813E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	5.7532E-08	2.81907E-06	2.8766E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	3.9364E-08	1.92884E-06	1.9682E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	1.3626E-10	6.67674E-09	6.813E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	3.6336E-09	1.78046E-07	1.8168E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	9.2354E-08	3.62028E-06	3.71263E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	3.1794E-07	1.55791E-05	1.5897E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	2.5738E-09	1.26116E-07	1.2869E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	1.00224E-07	4.91096E-06	5.01118E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	7.57E-10	3.7093E-08	3.785E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	1.8168E-09	8.90232E-08	9.084E-08	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	5.1476E-07	2.01786E-05	2.06934E-05	TONs	

- Process & Emissions Detail

Name: P001

Source Classification Code (SCC): 3-02-013-01

- 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: 1787

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	2597	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
Organic Compounds	OC	X	emissions: STACK TEST			0.07	2.98	3.05	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: STACK TEST			0.003	0.11	0.113	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.002	0.08	0.082	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.002	0.08	0.082	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: STACK TEST			0.07	2.98	3.05	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	

Total of Chargable Pollutants								3.163	TONS	

Emission Unit Summary: P002

Oct 11 2011, 13:35:35

Emissions Unit ID: P002

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	1E-04	0.0037	0.0038	TONs	
NOx - Nitrogen Oxides	NOX	X	0.013	0.614	0.627	TONs	
Organic Compounds	OC	X	0.041	1.602	1.643	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.091	3.088	3.179	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.061	2.168	2.229	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.061	2.168	2.229	TONs	
VOC - Volatile Organic Compounds	VOC		0.0404	1.59	1.6304	TONs	
Ammonia	NH3		1E-04	0.003	0.0031	TONs	
CO - Carbon Monoxide	CO		0.01	0.52	0.53	TONs	
Total of Chargable Pollutants					5.4528	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	6.3E-11	3.087E-09	3.15E-09	TONs
Acenaphthylene	208968	6.3E-11	3.087E-09	3.15E-09	TONs
Acetaldehyde	75070	1.49226E-06	5.84966E-05	5.99889E-05	TONs
Acrolein	107028	1.2852E-06	5.03798E-05	5.1665E-05	TONs
Anthracene	120127	8.4E-11	4.116E-09	4.2E-09	TONs
Arsenic	7440382	1.4E-08	4.802E-07	4.942E-07	TONs

Benz[A]Anthracene	56553	6.3E-11	3.087E-09	3.15E-09	TONs
Benzene	71432	1.47E-07	5.7624E-06	5.9094E-06	TONs
Benzo[A]Pyrene	50328	4.2E-11	2.058E-09	2.1E-09	TONs
Benzo[B]Fluoranthene	205992	6.3E-11	3.087E-09	3.15E-09	TONs
Benzo[G,H,I,]Perylene	191242	1.47E-04	0.007203	0.00735	TONs
Benzo[K]Fluoranthene	207089	6.3E-11	3.087E-09	3.15E-09	TONs
Beryllium	7440417	4.2E-10	1.4406E-08	1.4826E-08	TONs
Cadmium	7440439	7.7E-08	2.6411E-06	2.7181E-06	TONs
Chromium	7440473	9.8E-08	3.3614E-06	3.4594E-06	TONs
Chrysene	218019	6.3E-11	3.087E-09	3.15E-09	TONs
Cobalt	7440484	5.88E-09	2.01684E-07	2.07564E-07	TONs
Dibenzo[A,H]Anthracene	53703	4.2E-11	2.058E-09	2.1E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	5.6E-10	2.744E-08	2.8E-08	TONs
Fluoranthene	206440	2.1E-10	1.029E-08	1.05E-08	TONs
Fluorene	86737	1.96E-10	9.604E-09	9.8E-09	TONs
Formaldehyde	50000	5.25E-06	2.058E-04	2.1105E-04	TONs
Hexane, N-	110543	1.26E-04	0.0049392	0.0050652	TONs
Indeno[1,2,3-C,D]Pyrene	193395	6.3E-11	3.087E-09	3.15E-09	TONs
MN - Manganese	7439965	2.66E-08	9.1238E-07	9.3898E-07	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	1.82E-08	8.918E-07	9.1E-07	TONs
Methylcholanthrene, 3-	56495	6.3E-11	3.087E-09	3.15E-09	TONs
Methylnaphthalene, 2-	91576	1.68E-09	8.232E-08	8.4E-08	TONs
Naphthalene	91203	4.27E-08	1.67384E-06	1.71654E-06	TONs
Nickel	7440020	1.47E-07	5.0421E-06	5.1891E-06	TONs
Phenanthrene	85018	1.19E-09	5.831E-08	5.95E-08	TONs
Polycyclic Organic Matter	246	4.63386E-08	2.27059E-06	2.31693E-06	TONs
Pyrene	129000	3.5E-10	1.715E-08	1.75E-08	TONs
Selenium	7782492	8.4E-10	2.8812E-08	2.9652E-08	TONs
Toluene	108883	2.38E-07	9.3296E-06	9.5676E-06	TONs

- **Processes**

- Process & Emissions Detail

Name: P002-10

Source Classification Code (SCC): 3-02-900-03

- 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: 4232

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	7	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0001	0.0037	0.0038	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.013	0.614	0.627	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.001	0.032	0.033	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.001	0.028	0.029	TONs	.
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.001	0.028	0.029	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.001	0.028	0.029	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.0004	0.020	0.0204	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0001	0.0030	0.0031	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.01	0.52	0.53	TONs	
Total of Chargable Pollutants								0.6928	TONS	

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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:OEPA (auto calculate)	0	9E-07	6.3E-11	3.087E-09	3.15E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	6.3E-11	3.087E-09	3.15E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	1.49226E-06	5.84966E-05	5.99889E-05	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	1.2852E-06	5.03798E-05	5.1665E-05	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	8.4E-11	4.116E-09	4.2E-09	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	1.4E-08	4.802E-07	4.942E-07	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	6.3E-11	3.087E-09	3.15E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	1.47E-07	5.7624E-06	5.9094E-06	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	4.2E-11	2.058E-09	2.1E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	6.3E-11	3.087E-09	3.15E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	1.47E-04	0.007203	0.00735	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	6.3E-11	3.087E-09	3.15E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	4.2E-10	1.4406E-08	1.4826E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	7.7E-08	2.6411E-06	2.7181E-06	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	9.8E-08	3.3614E-06	3.4594E-06	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	6.3E-11	3.087E-09	3.15E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	5.88E-09	2.01684E-07	2.07564E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	4.2E-11	2.058E-09	2.1E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	5.6E-10	2.744E-08	2.8E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	2.1E-10	1.029E-08	1.05E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	1.96E-10	9.604E-09	9.8E-09	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	5.25E-06	2.058E-04	2.1105E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	1.26E-04	0.0049392	0.0050652	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	6.3E-11	3.087E-09	3.15E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	2.66E-08	9.1238E-07	9.3898E-07	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	1.82E-08	8.918E-07	9.1E-07	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	6.3E-11	3.087E-09	3.15E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	1.68E-09	8.232E-08	8.4E-08	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	4.27E-08	1.67384E-06	1.71654E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	1.47E-07	5.0421E-06	5.1891E-06	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.19E-09	5.831E-08	5.95E-08	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	4.63386E-08	2.27059E-06	2.31693E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	3.5E-10	1.715E-08	1.75E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	8.4E-10	2.8812E-08	2.9652E-08	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	2.38E-07	9.3296E-06	9.5676E-06	TONs	

- Process & Emissions Detail

Name: P002-11

Source Classification Code (SCC): 3-02-013-01

- 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: 2961

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	3078	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
Organic Compounds	OC	X	emissions: STACK TEST			0.04	1.57	1.61	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: STACK TEST			0.09	3.06	3.15	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: STACK TEST			0.06	2.14	2.2	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: STACK TEST			0.06	2.14	2.2	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: STACK TEST			0.04	1.57	1.61	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	

Total of Chargable Pollutants								4.76	TONS	

Emission Unit Summary: P003

Oct 11 2011, 13:35:35

Emissions Unit ID: P003

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	1E-04	0.0037	0.0038	TONs	
NOx - Nitrogen Oxides	NOX	X	0.013	0.614	0.627	TONs	
Organic Compounds	OC	X	0.051	2.048	2.099	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.111	3.962	4.073	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.081	2.792	2.873	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.081	2.792	2.873	TONs	
VOC - Volatile Organic Compounds	VOC		0.0506	2.03	2.0806	TONs	
Ammonia	NH3		1E-04	0.003	0.0031	TONs	
CO - Carbon Monoxide	CO		0.01	0.52	0.53	TONs	
Total of Chargable Pollutants					6.8028	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	1.0089E-10	4.94361E-09	5.0445E-09	TONs
Acenaphthylene	208968	1.0089E-10	4.94361E-09	5.0445E-09	TONs
Acetaldehyde	75070	2.38975E-06	9.36781E-05	9.60678E-05	TONs
Acrolein	107028	2.05816E-06	8.06797E-05	8.27379E-05	TONs
Anthracene	120127	1.3452E-10	6.59148E-09	6.726E-09	TONs
Arsenic	7440382	2.242E-08	1.09858E-06	1.121E-06	TONs

Benz[A]Anthracene	56553	1.0089E-10	4.94361E-09	5.0445E-09	TONs
Benzene	71432	2.3541E-07	9.22807E-06	9.46348E-06	TONs
Benzo[A]Pyrene	50328	6.726E-11	3.29574E-09	3.363E-09	TONs
Benzo[B]Fluoranthene	205992	1.0089E-10	4.94361E-09	5.0445E-09	TONs
Benzo[G,H,I,]Perylene	191242	2.3541E-04	0.0115351	0.0117705	TONs
Benzo[K]Fluoranthene	207089	1.0089E-10	4.94361E-09	5.0445E-09	TONs
Beryllium	7440417	6.726E-10	3.29574E-08	3.363E-08	TONs
Cadmium	7440439	1.2331E-07	6.04219E-06	6.1655E-06	TONs
Chromium	7440473	1.5694E-07	7.69006E-06	7.847E-06	TONs
Chrysene	218019	1.0089E-10	4.94361E-09	5.0445E-09	TONs
Cobalt	7440484	9.4164E-09	4.61404E-07	4.7082E-07	TONs
Dibenzo[A,H]Anthracene	53703	6.726E-11	3.29574E-09	3.363E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	8.968E-10	4.39432E-08	4.484E-08	TONs
Fluoranthene	206440	3.363E-10	1.64787E-08	1.6815E-08	TONs
Fluorene	86737	3.1388E-10	1.53801E-08	1.5694E-08	TONs
Formaldehyde	50000	8.4075E-06	3.29574E-04	3.37982E-04	TONs
Hexane, N-	110543	2.0178E-04	0.00790978	0.00811156	TONs
Indeno[1,2,3-C,D]Pyrene	193395	1.0089E-10	4.94361E-09	5.0445E-09	TONs
MN - Manganese	7439965	4.2598E-08	2.0873E-06	2.1299E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	2.9146E-08	1.42815E-06	1.4573E-06	TONs
Methylcholanthrene, 3-	56495	1.0089E-10	4.94361E-09	5.0445E-09	TONs
Methylnaphthalene, 2-	91576	2.6904E-09	1.3183E-07	1.3452E-07	TONs
Naphthalene	91203	6.8381E-08	2.68054E-06	2.74892E-06	TONs
Nickel	7440020	2.3541E-07	1.15351E-05	1.17705E-05	TONs
Phenanthrene	85018	1.9057E-09	9.33793E-08	9.5285E-08	TONs
Polycyclic Organic Matter	246	7.4208E-08	3.63619E-06	3.7104E-06	TONs
Pyrene	129000	5.605E-10	2.74645E-08	2.8025E-08	TONs
Selenium	7782492	1.3452E-09	6.59148E-08	6.726E-08	TONs
Toluene	108883	3.8114E-07	1.49407E-05	1.53218E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P003-1

Source Classification Code (SCC): 3-02-900-03

- 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: 6535

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	11.21	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0001	0.0037	0.0038	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.013	0.614	0.627	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.001	0.048	0.049	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.001	0.042	0.043	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.001	0.042	0.043	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.001	0.042	0.043	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.0006	0.03	0.0306	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0001	0.003	0.0031	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.01	0.52	0.53	TONs	
Total of Chargable Pollutants								0.7228	TONS	

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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:OEPA (auto calculate)	0	9E-07	1.0089E-10	4.94361E-09	5.0445E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	1.0089E-10	4.94361E-09	5.0445E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	2.38975E-06	9.36781E-05	9.60678E-05	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	2.05816E-06	8.06797E-05	8.27379E-05	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	1.3452E-10	6.59148E-09	6.726E-09	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	2.242E-08	1.09858E-06	1.121E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	1.0089E-10	4.94361E-09	5.0445E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	2.3541E-07	9.22807E-06	9.46348E-06	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	6.726E-11	3.29574E-09	3.363E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	1.0089E-10	4.94361E-09	5.0445E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	2.3541E-04	0.0115351	0.0117705	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	1.0089E-10	4.94361E-09	5.0445E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	6.726E-10	3.29574E-08	3.363E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.2331E-07	6.04219E-06	6.1655E-06	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.5694E-07	7.69006E-06	7.847E-06	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	1.0089E-10	4.94361E-09	5.0445E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	9.4164E-09	4.61404E-07	4.7082E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	6.726E-11	3.29574E-09	3.363E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	8.968E-10	4.39432E-08	4.484E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	3.363E-10	1.64787E-08	1.6815E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	3.1388E-10	1.53801E-08	1.5694E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	8.4075E-06	3.29574E-04	3.37982E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	2.0178E-04	0.00790978	0.00811156	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	1.0089E-10	4.94361E-09	5.0445E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	4.2598E-08	2.0873E-06	2.1299E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	2.9146E-08	1.42815E-06	1.4573E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	1.0089E-10	4.94361E-09	5.0445E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	2.6904E-09	1.3183E-07	1.3452E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	6.8381E-08	2.68054E-06	2.74892E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	2.3541E-07	1.15351E-05	1.17705E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.9057E-09	9.33793E-08	9.5285E-08	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	7.4208E-08	3.63619E-06	3.7104E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	5.605E-10	2.74645E-08	2.8025E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	1.3452E-09	6.59148E-08	6.726E-08	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	3.8114E-07	1.49407E-05	1.53218E-05	TONs	

- Process & Emissions Detail

Name: P003-2

Source Classification Code (SCC): 3-02-013-01

- 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: 2840

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	3775	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible 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			0.05	2.00	2.05	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: STACK TEST			0.11	3.92	4.03	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: STACK TEST			0.08	2.75	2.83	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: STACK TEST			0.08	2.75	2.83	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: STACK TEST			0.05	2.00	2.05	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								6.08	TONS	

Emission Unit Summary: P004

Oct 11 2011, 13:35:35

Emissions Unit ID: P004

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	2E-04	0.0082	0.0084	TONs	
NOx - Nitrogen Oxides	NOX	X	0.028	1.368	1.396	TONs	
Organic Compounds	OC	X	0.041	2.937	2.978	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.081	5.659	5.74	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.061	3.979	4.04	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.061	3.979	4.04	TONs	
VOC - Volatile Organic Compounds	VOC		0.041	2.913	2.954	TONs	
Ammonia	NH3		1E-04	0.0067	0.0068	TONs	
CO - Carbon Monoxide	CO		0.02	1.15	1.17	TONs	
Total of Chargable Pollutants					10.1224	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	1.4238E-10	6.97662E-09	7.119E-09	TONs
Acenaphthylene	208968	1.4238E-10	6.97662E-09	7.119E-09	TONs
Acetaldehyde	75070	3.37251E-06	1.32202E-04	1.35575E-04	TONs
Acrolein	107028	2.90455E-06	1.13858E-04	1.16763E-04	TONs
Anthracene	120127	1.8984E-10	9.30216E-09	9.492E-09	TONs
Arsenic	7440382	3.164E-08	1.55036E-06	1.582E-06	TONs

Benz[A]Anthracene	56553	1.4238E-10	6.97662E-09	7.119E-09	TONs
Benzene	71432	3.3222E-07	1.3023E-05	1.33552E-05	TONs
Benzo[A]Pyrene	50328	9.492E-11	4.65108E-09	4.746E-09	TONs
Benzo[B]Fluoranthene	205992	1.4238E-10	6.97662E-09	7.119E-09	TONs
Benzo[G,H,I,]Perylene	191242	3.3222E-04	0.0162788	0.016611	TONs
Benzo[K]Fluoranthene	207089	1.4238E-10	6.97662E-09	7.119E-09	TONs
Beryllium	7440417	9.492E-10	4.65108E-08	4.746E-08	TONs
Cadmium	7440439	1.7402E-07	8.52698E-06	8.701E-06	TONs
Chromium	7440473	2.2148E-07	1.08525E-05	1.1074E-05	TONs
Chrysene	218019	1.4238E-10	6.97662E-09	7.119E-09	TONs
Cobalt	7440484	1.32888E-08	6.51151E-07	6.6444E-07	TONs
Dibenzo[A,H]Anthracene	53703	9.492E-11	4.65108E-09	4.746E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	1.2656E-09	6.20144E-08	6.328E-08	TONs
Fluoranthene	206440	4.746E-10	2.32554E-08	2.373E-08	TONs
Fluorene	86737	4.4296E-10	2.1705E-08	2.2148E-08	TONs
Formaldehyde	50000	1.1865E-05	4.65108E-04	4.76973E-04	TONs
Hexane, N-	110543	2.8476E-04	0.0111626	0.0114474	TONs
Indeno[1,2,3-C,D]Pyrene	193395	1.4238E-10	6.97662E-09	7.119E-09	TONs
MN - Manganese	7439965	6.0116E-08	2.94568E-06	3.0058E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	4.1132E-08	2.01547E-06	2.0566E-06	TONs
Methylcholanthrene, 3-	56495	1.4238E-10	6.97662E-09	7.119E-09	TONs
Methylnaphthalene, 2-	91576	3.7968E-09	1.86043E-07	1.8984E-07	TONs
Naphthalene	91203	9.6502E-08	3.78288E-06	3.87938E-06	TONs
Nickel	7440020	3.3222E-07	1.62788E-05	1.6611E-05	TONs
Phenanthrene	85018	2.6894E-09	1.31781E-07	1.3447E-07	TONs
Polycyclic Organic Matter	246	1.04725E-07	5.13154E-06	5.23626E-06	TONs
Pyrene	129000	7.91E-10	3.8759E-08	3.955E-08	TONs
Selenium	7782492	1.8984E-09	9.30216E-08	9.492E-08	TONs
Toluene	108883	5.3788E-07	2.10849E-05	2.16228E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P004-14

Source Classification Code (SCC): 3-02-900-03

- 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: 4136

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	15.82	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0002	0.0082	0.0084	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.028	1.368	1.396	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.001	0.067	0.068	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.001	0.059	0.06	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.001	0.059	0.06	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.001	0.059	0.06	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.001	0.043	0.044	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0001	0.0067	0.0068	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.02	1.15	1.17	TONs	
Total of Chargable Pollutants								1.5324	TONS	

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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:OEPA (auto calculate)	0	9E-07	1.4238E-10	6.97662E-09	7.119E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	1.4238E-10	6.97662E-09	7.119E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	3.37251E-06	1.32202E-04	1.35575E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	2.90455E-06	1.13858E-04	1.16763E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	1.8984E-10	9.30216E-09	9.492E-09	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	3.164E-08	1.55036E-06	1.582E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	1.4238E-10	6.97662E-09	7.119E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	3.3222E-07	1.3023E-05	1.33552E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	9.492E-11	4.65108E-09	4.746E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	1.4238E-10	6.97662E-09	7.119E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	3.3222E-04	0.0162788	0.016611	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	1.4238E-10	6.97662E-09	7.119E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	9.492E-10	4.65108E-08	4.746E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.7402E-07	8.52698E-06	8.701E-06	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	2.2148E-07	1.08525E-05	1.1074E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	1.4238E-10	6.97662E-09	7.119E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	1.32888E-08	6.51151E-07	6.6444E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	9.492E-11	4.65108E-09	4.746E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	1.2656E-09	6.20144E-08	6.328E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	4.746E-10	2.32554E-08	2.373E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	4.4296E-10	2.1705E-08	2.2148E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	1.1865E-05	4.65108E-04	4.76973E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	2.8476E-04	0.0111626	0.0114474	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	1.4238E-10	6.97662E-09	7.119E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	6.0116E-08	2.94568E-06	3.0058E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	4.1132E-08	2.01547E-06	2.0566E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	1.4238E-10	6.97662E-09	7.119E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	3.7968E-09	1.86043E-07	1.8984E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	9.6502E-08	3.78288E-06	3.87938E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	3.3222E-07	1.62788E-05	1.6611E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	2.6894E-09	1.31781E-07	1.3447E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	1.04725E-07	5.13154E-06	5.23626E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	7.91E-10	3.8759E-08	3.955E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	1.8984E-09	9.30216E-08	9.492E-08	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	5.3788E-07	2.10849E-05	2.16228E-05	TONs	

- Process & Emissions Detail

Name: P004-15

Source Classification Code (SCC): 3-02-013-01

- 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: 3164

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	5552	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0.04	2.87	2.91	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.08	5.60	5.68	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.06	3.92	3.98	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.06	3.92	3.98	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.04	2.87	2.91	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	

Total of Chargable Pollutants								8.59	TONS	

Emission Unit Summary: P005

Oct 11 2011, 13:35:35

Emissions Unit ID: P005

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	1E-04	0.0053	0.0054	TONs	
NOx - Nitrogen Oxides	NOX	X	0.018	0.877	0.895	TONs	
Organic Compounds	OC	X	0.071	2.779	2.85	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.004	0.152	0.156	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.003	0.122	0.125	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.003	0.122	0.125	TONs	
VOC - Volatile Organic Compounds	VOC		0.071	2.757	2.828	TONs	
Ammonia	NH3		1E-04	0.0043	0.0044	TONs	
CO - Carbon Monoxide	CO		0.02	0.74	0.76	TONs	
Total of Chargable Pollutants					3.9064	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	1.251E-10	6.1299E-09	6.255E-09	TONs
Acenaphthylene	208968	1.251E-10	6.1299E-09	6.255E-09	TONs
Acetaldehyde	75070	2.9632E-06	1.16158E-04	1.19121E-04	TONs
Acrolein	107028	2.55204E-06	1.0004E-04	1.02592E-04	TONs
Anthracene	120127	1.668E-10	8.1732E-09	8.34E-09	TONs
Arsenic	7440382	2.78E-08	9.5354E-07	9.8134E-07	TONs

Benz[A]Anthracene	56553	1.251E-10	6.1299E-09	6.255E-09	TONs
Benzene	71432	2.919E-07	1.14425E-05	1.17344E-05	TONs
Benzo[A]Pyrene	50328	8.34E-11	4.0866E-09	4.17E-09	TONs
Benzo[B]Fluoranthene	205992	1.251E-10	6.1299E-09	6.255E-09	TONs
Benzo[G,H,I,]Perylene	191242	2.919E-04	0.0143031	0.014595	TONs
Benzo[K]Fluoranthene	207089	1.251E-10	6.1299E-09	6.255E-09	TONs
Beryllium	7440417	8.34E-10	2.86062E-08	2.94402E-08	TONs
Cadmium	7440439	1.529E-07	5.24447E-06	5.39737E-06	TONs
Chromium	7440473	1.946E-07	6.67478E-06	6.86938E-06	TONs
Chrysene	218019	1.251E-10	6.1299E-09	6.255E-09	TONs
Cobalt	7440484	1.1676E-08	4.00487E-07	4.12163E-07	TONs
Dibenzo[A,H]Anthracene	53703	8.34E-11	4.0866E-09	4.17E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	1.112E-09	5.4488E-08	5.56E-08	TONs
Fluoranthene	206440	4.17E-10	2.0433E-08	2.085E-08	TONs
Fluorene	86737	3.892E-10	1.90708E-08	1.946E-08	TONs
Formaldehyde	50000	1.0425E-05	4.0866E-04	4.19085E-04	TONs
Hexane, N-	110543	2.502E-04	0.00980784	0.010058	TONs
Indeno[1,2,3-C,D]Pyrene	193395	1.251E-10	6.1299E-09	6.255E-09	TONs
MN - Manganese	7439965	5.282E-08	1.81173E-06	1.86455E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	3.614E-08	1.77086E-06	1.807E-06	TONs
Methylcholanthrene, 3-	56495	1.251E-10	6.1299E-09	6.255E-09	TONs
Methylnaphthalene, 2-	91576	3.336E-09	1.63464E-07	1.668E-07	TONs
Naphthalene	91203	8.479E-08	3.32377E-06	3.40856E-06	TONs
Nickel	7440020	2.919E-07	1.00122E-05	1.03041E-05	TONs
Phenanthrene	85018	2.363E-09	1.15787E-07	1.1815E-07	TONs
Polycyclic Organic Matter	246	9.20152E-08	4.50875E-06	4.60077E-06	TONs
Pyrene	129000	6.95E-10	3.4055E-08	3.475E-08	TONs
Selenium	7782492	1.668E-09	5.72124E-08	5.88804E-08	TONs
Toluene	108883	4.726E-07	1.85259E-05	1.89985E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P005-16

Source Classification Code (SCC): 3-02-900-03

- 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: 5673

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	13.90	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0001	0.0053	0.0054	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.018	0.877	0.895	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.001	0.059	0.06	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.001	0.052	0.053	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.001	0.052	0.053	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.001	0.052	0.053	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.001	0.037	0.038	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0001	0.0043	0.0044	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.02	0.74	0.76	TONs	
Total of Chargable Pollutants								1.0134	TONS	

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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:OEPA (auto calculate)	0	9E-07	1.251E-10	6.1299E-09	6.255E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	1.251E-10	6.1299E-09	6.255E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	2.9632E-06	1.16158E-04	1.19121E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	2.55204E-06	1.0004E-04	1.02592E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	1.668E-10	8.1732E-09	8.34E-09	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	2.78E-08	9.5354E-07	9.8134E-07	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	1.251E-10	6.1299E-09	6.255E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	2.919E-07	1.14425E-05	1.17344E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	8.34E-11	4.0866E-09	4.17E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	1.251E-10	6.1299E-09	6.255E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	2.919E-04	0.0143031	0.014595	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	1.251E-10	6.1299E-09	6.255E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	8.34E-10	2.86062E-08	2.94402E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.529E-07	5.24447E-06	5.39737E-06	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.946E-07	6.67478E-06	6.86938E-06	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	1.251E-10	6.1299E-09	6.255E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	1.1676E-08	4.00487E-07	4.12163E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	8.34E-11	4.0866E-09	4.17E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	1.112E-09	5.4488E-08	5.56E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	4.17E-10	2.0433E-08	2.085E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	3.892E-10	1.90708E-08	1.946E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	1.0425E-05	4.0866E-04	4.19085E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	2.502E-04	0.00980784	0.010058	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	1.251E-10	6.1299E-09	6.255E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	5.282E-08	1.81173E-06	1.86455E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	3.614E-08	1.77086E-06	1.807E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	1.251E-10	6.1299E-09	6.255E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	3.336E-09	1.63464E-07	1.668E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	8.479E-08	3.32377E-06	3.40856E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	2.919E-07	1.00122E-05	1.03041E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	2.363E-09	1.15787E-07	1.1815E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	9.20152E-08	4.50875E-06	4.60077E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	6.95E-10	3.4055E-08	3.475E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	1.668E-09	5.72124E-08	5.88804E-08	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	4.726E-07	1.85259E-05	1.89985E-05	TONs	

- Process & Emissions Detail

Name: P005-17

Source Classification Code (SCC): 3-02-013-01

- 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: 1627

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	2365	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0.07	2.72	2.79	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.003	0.10	0.103	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.002	0.07	0.072	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.002	0.07	0.072	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.07	2.72	2.79	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	

Total of Chargable Pollutants								2.893	TONS	

Emission Unit Summary: P006

Oct 11 2011, 13:35:35

Emissions Unit ID: P006

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	2E-04	0.0089	0.0091	TONs	
NOx - Nitrogen Oxides	NOX	X	0.03	1.49	1.52	TONs	
Organic Compounds	OC	X	0.102	3.894	3.996	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.221	7.705	7.926	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.151	5.415	5.566	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.151	5.415	5.566	TONs	
VOC - Volatile Organic Compounds	VOC		0.101	3.867	3.968	TONs	
Ammonia	NH3		1E-04	0.0073	0.0074	TONs	
CO - Carbon Monoxide	CO		0.03	1.25	1.28	TONs	
Total of Chargable Pollutants					13.4511	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	1.5597E-10	7.64253E-09	7.7985E-09	TONs
Acenaphthylene	208968	1.5597E-10	7.64253E-09	7.7985E-09	TONs
Acetaldehyde	75070	3.69441E-06	1.44821E-04	1.48515E-04	TONs
Acrolein	107028	3.18179E-06	1.24726E-04	1.27908E-04	TONs
Anthracene	120127	2.0796E-10	1.019E-08	1.0398E-08	TONs
Arsenic	7440382	3.466E-08	1.18884E-06	1.2235E-06	TONs

Benz[A]Anthracene	56553	1.5597E-10	7.64253E-09	7.7985E-09	TONs
Benzene	71432	3.6393E-07	1.42661E-05	1.463E-05	TONs
Benzo[A]Pyrene	50328	1.0398E-10	5.09502E-09	5.199E-09	TONs
Benzo[B]Fluoranthene	205992	1.5597E-10	7.64253E-09	7.7985E-09	TONs
Benzo[G,H,I,]Perylene	191242	3.6393E-04	0.0178326	0.0181965	TONs
Benzo[K]Fluoranthene	207089	1.5597E-10	7.64253E-09	7.7985E-09	TONs
Beryllium	7440417	1.0398E-09	3.56651E-08	3.67049E-08	TONs
Cadmium	7440439	1.9063E-07	6.53861E-06	6.72924E-06	TONs
Chromium	7440473	2.4262E-07	8.32187E-06	8.56449E-06	TONs
Chrysene	218019	1.5597E-10	7.64253E-09	7.7985E-09	TONs
Cobalt	7440484	1.45572E-08	4.99312E-07	5.13869E-07	TONs
Dibenzo[A,H]Anthracene	53703	1.0398E-10	5.09502E-09	5.199E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	1.3864E-09	6.79336E-08	6.932E-08	TONs
Fluoranthene	206440	5.199E-10	2.54751E-08	2.5995E-08	TONs
Fluorene	86737	4.8524E-10	2.37768E-08	2.4262E-08	TONs
Formaldehyde	50000	1.29975E-05	5.09502E-04	5.225E-04	TONs
Hexane, N-	110543	3.1194E-04	0.012228	0.0125399	TONs
Indeno[1,2,3-C,D]Pyrene	193395	1.5597E-10	7.64253E-09	7.7985E-09	TONs
MN - Manganese	7439965	6.5854E-08	2.25879E-06	2.32464E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	4.5058E-08	2.20784E-06	2.2529E-06	TONs
Methylcholanthrene, 3-	56495	1.5597E-10	7.64253E-09	7.7985E-09	TONs
Methylnaphthalene, 2-	91576	4.1592E-09	2.03801E-07	2.0796E-07	TONs
Naphthalene	91203	1.05713E-07	4.14395E-06	4.24966E-06	TONs
Nickel	7440020	3.6393E-07	1.24828E-05	1.28467E-05	TONs
Phenanthrene	85018	2.9461E-09	1.44359E-07	1.47305E-07	TONs
Polycyclic Organic Matter	246	1.14721E-07	5.62134E-06	5.73606E-06	TONs
Pyrene	129000	8.665E-10	4.24585E-08	4.3325E-08	TONs
Selenium	7782492	2.0796E-09	7.13303E-08	7.34099E-08	TONs
Toluene	108883	5.8922E-07	2.30974E-05	2.36866E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P006-18

Source Classification Code (SCC): 3-02-900-03

- 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: 4160

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	17.33	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0002	0.0089	0.0091	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.030	1.490	1.52	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.002	0.074	0.076	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.001	0.065	0.066	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.001	0.065	0.066	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.001	0.065	0.066	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.001	0.047	0.048	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0001	0.0073	0.0074	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.03	1.25	1.28	TONs	
Total of Chargable Pollutants								1.6711	TONS	

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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:OEPA (auto calculate)	0	9E-07	1.5597E-10	7.64253E-09	7.7985E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	1.5597E-10	7.64253E-09	7.7985E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	3.69441E-06	1.44821E-04	1.48515E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	3.18179E-06	1.24726E-04	1.27908E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	2.0796E-10	1.019E-08	1.0398E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	3.466E-08	1.18884E-06	1.2235E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	1.5597E-10	7.64253E-09	7.7985E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	3.6393E-07	1.42661E-05	1.463E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	1.0398E-10	5.09502E-09	5.199E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	1.5597E-10	7.64253E-09	7.7985E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	3.6393E-04	0.0178326	0.0181965	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	1.5597E-10	7.64253E-09	7.7985E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	1.0398E-09	3.56651E-08	3.67049E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.9063E-07	6.53861E-06	6.72924E-06	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	2.4262E-07	8.32187E-06	8.56449E-06	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	1.5597E-10	7.64253E-09	7.7985E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	1.45572E-08	4.99312E-07	5.13869E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	1.0398E-10	5.09502E-09	5.199E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	1.3864E-09	6.79336E-08	6.932E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	5.199E-10	2.54751E-08	2.5995E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	4.8524E-10	2.37768E-08	2.4262E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	1.29975E-05	5.09502E-04	5.225E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	3.1194E-04	0.012228	0.0125399	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	1.5597E-10	7.64253E-09	7.7985E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	6.5854E-08	2.25879E-06	2.32464E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	4.5058E-08	2.20784E-06	2.2529E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	1.5597E-10	7.64253E-09	7.7985E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	4.1592E-09	2.03801E-07	2.0796E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	1.05713E-07	4.14395E-06	4.24966E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	3.6393E-07	1.24828E-05	1.28467E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	2.9461E-09	1.44359E-07	1.47305E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	1.14721E-07	5.62134E-06	5.73606E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	8.665E-10	4.24585E-08	4.3325E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	2.0796E-09	7.13303E-08	7.34099E-08	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	5.8922E-07	2.30974E-05	2.36866E-05	TONs	

- Process & Emissions Detail

Name: P006-19

Source Classification Code (SCC): 3-02-013-01

- 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: 3140

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	6677	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0.10	3.82	3.92	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.22	7.64	7.86	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.15	5.35	5.5	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.15	5.35	5.5	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.10	3.82	3.92	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	

Total of Chargable Pollutants								11.78	TONS	

Emission Unit Summary: P007

Oct 11 2011, 13:35:35

Emissions Unit ID: P007

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	9E-04	0.0163	0.0172	TONs	
NOx - Nitrogen Oxides	NOX	X	0.143	2.72	2.863	TONs	
Organic Compounds	OC	X	0.227	4.973	5.2	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.476	2.756	3.232	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.336	1.966	2.302	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.336	1.966	2.302	TONs	
VOC - Volatile Organic Compounds	VOC		0.224	4.924	5.148	TONs	
Ammonia	NH3		3E-04	0.0137	0.014	TONs	
CO - Carbon Monoxide	CO		0.12	2.28	2.4	TONs	
Total of Chargable Pollutants					11.3122	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	7.236E-10	1.37484E-08	1.4472E-08	TONs
Acenaphthylene	208968	7.236E-10	1.37484E-08	1.4472E-08	TONs
Acetaldehyde	75070	1.71397E-05	2.60523E-04	2.77663E-04	TONs
Acrolein	107028	1.47614E-05	2.24374E-04	2.39135E-04	TONs
Anthracene	120127	9.648E-10	1.83312E-08	1.9296E-08	TONs
Arsenic	7440382	1.608E-07	3.0552E-06	3.216E-06	TONs

Benz[A]Anthracene	56553	7.236E-10	1.37484E-08	1.4472E-08	TONs
Benzene	71432	1.6884E-06	2.56637E-05	2.73521E-05	TONs
Benzo[A]Pyrene	50328	4.824E-10	9.1656E-09	9.648E-09	TONs
Benzo[B]Fluoranthene	205992	7.236E-10	1.37484E-08	1.4472E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.0016884	0.0320796	0.033768	TONs
Benzo[K]Fluoranthene	207089	7.236E-10	1.37484E-08	1.4472E-08	TONs
Beryllium	7440417	4.824E-09	9.1656E-08	9.648E-08	TONs
Cadmium	7440439	8.844E-07	1.68036E-05	1.7688E-05	TONs
Chromium	7440473	1.1256E-06	2.13864E-05	2.2512E-05	TONs
Chrysene	218019	7.236E-10	1.37484E-08	1.4472E-08	TONs
Cobalt	7440484	6.7536E-08	1.28318E-06	1.35072E-06	TONs
Dibenzo[A,H]Anthracene	53703	4.824E-10	9.1656E-09	9.648E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	6.432E-09	1.22208E-07	1.2864E-07	TONs
Fluoranthene	206440	2.412E-09	4.5828E-08	4.824E-08	TONs
Fluorene	86737	2.2512E-09	4.27728E-08	4.5024E-08	TONs
Formaldehyde	50000	6.03E-05	9.1656E-04	9.7686E-04	TONs
Hexane, N-	110543	0.0014472	0.0219974	0.0234446	TONs
Indeno[1,2,3-C,D]Pyrene	193395	7.236E-10	1.37484E-08	1.4472E-08	TONs
MN - Manganese	7439965	3.0552E-07	5.80488E-06	6.1104E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	2.0904E-07	3.97176E-06	4.1808E-06	TONs
Methylcholanthrene, 3-	56495	7.236E-10	1.37484E-08	1.4472E-08	TONs
Methylnaphthalene, 2-	91576	1.9296E-08	3.66624E-07	3.8592E-07	TONs
Naphthalene	91203	4.9044E-07	7.45469E-06	7.94513E-06	TONs
Nickel	7440020	1.6884E-06	3.20796E-05	3.3768E-05	TONs
Phenanthrene	85018	1.3668E-08	2.59692E-07	2.7336E-07	TONs
Polycyclic Organic Matter	246	5.32232E-07	1.01124E-05	1.06446E-05	TONs
Pyrene	129000	4.02E-09	7.638E-08	8.04E-08	TONs
Selenium	7782492	9.648E-09	1.83312E-07	1.9296E-07	TONs
Toluene	108883	2.7336E-06	4.15507E-05	4.42843E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P007-20

Source Classification Code (SCC): 3-02-900-03

- 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: 4101

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	32.16	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0009	0.0163	0.0172	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.143	2.720	2.863	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.007	0.133	0.14	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.006	0.116	0.122	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.006	0.116	0.122	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.006	0.116	0.122	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.004	0.084	0.088	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0003	0.0137	0.014	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.12	2.28	2.4	TONs	
Total of Chargable Pollutants								3.1422	TONS	

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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:OEPA (auto calculate)	0	9E-07	7.236E-10	1.37484E-08	1.4472E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	7.236E-10	1.37484E-08	1.4472E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	1.71397E-05	2.60523E-04	2.77663E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	1.47614E-05	2.24374E-04	2.39135E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	9.648E-10	1.83312E-08	1.9296E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	1.608E-07	3.0552E-06	3.216E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	7.236E-10	1.37484E-08	1.4472E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	1.6884E-06	2.56637E-05	2.73521E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	4.824E-10	9.1656E-09	9.648E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	7.236E-10	1.37484E-08	1.4472E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	0.0016884	0.0320796	0.033768	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	7.236E-10	1.37484E-08	1.4472E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	4.824E-09	9.1656E-08	9.648E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	8.844E-07	1.68036E-05	1.7688E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.1256E-06	2.13864E-05	2.2512E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	7.236E-10	1.37484E-08	1.4472E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	6.7536E-08	1.28318E-06	1.35072E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	4.824E-10	9.1656E-09	9.648E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	6.432E-09	1.22208E-07	1.2864E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	2.412E-09	4.5828E-08	4.824E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	2.2512E-09	4.27728E-08	4.5024E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	6.03E-05	9.1656E-04	9.7686E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.0014472	0.0219974	0.0234446	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	7.236E-10	1.37484E-08	1.4472E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	3.0552E-07	5.80488E-06	6.1104E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	2.0904E-07	3.97176E-06	4.1808E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	7.236E-10	1.37484E-08	1.4472E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	1.9296E-08	3.66624E-07	3.8592E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	4.9044E-07	7.45469E-06	7.94513E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	1.6884E-06	3.20796E-05	3.3768E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.3668E-08	2.59692E-07	2.7336E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	5.32232E-07	1.01124E-05	1.06446E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	4.02E-09	7.638E-08	8.04E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	9.648E-09	1.83312E-07	1.9296E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	2.7336E-06	4.15507E-05	4.42843E-05	TONs	

- Process & Emissions Detail

Name: P007-21

Source Classification Code (SCC): 3-02-013-01

- 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: 3199

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	9463	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0.22	4.84	5.06	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.47	2.64	3.11	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.33	1.85	2.18	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.33	1.85	2.18	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.22	4.84	5.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	

Total of Chargable Pollutants								8.17	TONS	

Emission Unit Summary: P008

Oct 11 2011, 13:35:35

Emissions Unit ID: P008

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	9E-04	0.0163	0.0172	TONs	
NOx - Nitrogen Oxides	NOX	X	0.143	2.72	2.863	TONs	
Organic Compounds	OC	X	0.447	7.142	7.589	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.846	3.495	4.341	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.596	2.475	3.071	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.596	2.475	3.071	TONs	
VOC - Volatile Organic Compounds	VOC		0.444	7.093	7.537	TONs	
Ammonia	NH3		3E-04	0.0137	0.014	TONs	
CO - Carbon Monoxide	CO		0.12	2.28	2.4	TONs	
Total of Chargable Pollutants					14.8102	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	7.173E-10	1.36287E-08	1.4346E-08	TONs
Acenaphthylene	208968	7.173E-10	1.36287E-08	1.4346E-08	TONs
Acetaldehyde	75070	1.69904E-05	2.58255E-04	2.75245E-04	TONs
Acrolein	107028	1.46329E-05	2.2242E-04	2.37053E-04	TONs
Anthracene	120127	9.564E-10	1.81716E-08	1.9128E-08	TONs
Arsenic	7440382	1.594E-07	3.0286E-06	3.188E-06	TONs

Benz[A]Anthracene	56553	7.173E-10	1.36287E-08	1.4346E-08	TONs
Benzene	71432	1.6737E-06	2.54402E-05	2.71139E-05	TONs
Benzo[A]Pyrene	50328	4.782E-10	9.0858E-09	9.564E-09	TONs
Benzo[B]Fluoranthene	205992	7.173E-10	1.36287E-08	1.4346E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.0016737	0.0318003	0.033474	TONs
Benzo[K]Fluoranthene	207089	7.173E-10	1.36287E-08	1.4346E-08	TONs
Beryllium	7440417	4.782E-09	9.0858E-08	9.564E-08	TONs
Cadmium	7440439	8.767E-07	1.66573E-05	1.7534E-05	TONs
Chromium	7440473	1.1158E-06	2.12002E-05	2.2316E-05	TONs
Chrysene	218019	7.173E-10	1.36287E-08	1.4346E-08	TONs
Cobalt	7440484	6.6948E-08	1.27201E-06	1.33896E-06	TONs
Dibenzo[A,H]Anthracene	53703	4.782E-10	9.0858E-09	9.564E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	6.376E-09	1.21144E-07	1.2752E-07	TONs
Fluoranthene	206440	2.391E-09	4.5429E-08	4.782E-08	TONs
Fluorene	86737	2.2316E-09	4.24004E-08	4.4632E-08	TONs
Formaldehyde	50000	5.9775E-05	9.0858E-04	9.68355E-04	TONs
Hexane, N-	110543	0.0014346	0.0218059	0.0232405	TONs
Indeno[1,2,3-C,D]Pyrene	193395	7.173E-10	1.36287E-08	1.4346E-08	TONs
MN - Manganese	7439965	3.0286E-07	5.75434E-06	6.0572E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	2.0722E-07	3.93718E-06	4.1444E-06	TONs
Methylcholanthrene, 3-	56495	7.173E-10	1.36287E-08	1.4346E-08	TONs
Methylnaphthalene, 2-	91576	1.9128E-08	3.63432E-07	3.8256E-07	TONs
Naphthalene	91203	4.8617E-07	7.38978E-06	7.87595E-06	TONs
Nickel	7440020	1.6737E-06	3.18003E-05	3.3474E-05	TONs
Phenanthrene	85018	1.3549E-08	2.57431E-07	2.7098E-07	TONs
Polycyclic Organic Matter	246	5.27598E-07	1.00244E-05	1.0552E-05	TONs
Pyrene	129000	3.985E-09	7.5715E-08	7.97E-08	TONs
Selenium	7782492	9.564E-09	1.81716E-07	1.9128E-07	TONs
Toluene	108883	2.7098E-06	4.1189E-05	4.38988E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P008-22

Source Classification Code (SCC): 3-02-900-03

- 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: 4064

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	31.88	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0009	0.0163	0.0172	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.143	2.720	2.863	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.007	0.132	0.139	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.006	0.115	0.121	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.006	0.115	0.121	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.006	0.115	0.121	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: CEM			0.004	0.083	0.087	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0003	0.0137	0.014	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.12	2.28	2.4	TONs	
Total of Chargable Pollutants								3.1402	TONS	

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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:OEPA (auto calculate)	0	9E-07	7.173E-10	1.36287E-08	1.4346E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	7.173E-10	1.36287E-08	1.4346E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	1.69904E-05	2.58255E-04	2.75245E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	1.46329E-05	2.2242E-04	2.37053E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	9.564E-10	1.81716E-08	1.9128E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	1.594E-07	3.0286E-06	3.188E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	7.173E-10	1.36287E-08	1.4346E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	1.6737E-06	2.54402E-05	2.71139E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	4.782E-10	9.0858E-09	9.564E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	7.173E-10	1.36287E-08	1.4346E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	0.0016737	0.0318003	0.033474	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	7.173E-10	1.36287E-08	1.4346E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	4.782E-09	9.0858E-08	9.564E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	8.767E-07	1.66573E-05	1.7534E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.1158E-06	2.12002E-05	2.2316E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	7.173E-10	1.36287E-08	1.4346E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	6.6948E-08	1.27201E-06	1.33896E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	4.782E-10	9.0858E-09	9.564E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	6.376E-09	1.21144E-07	1.2752E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	2.391E-09	4.5429E-08	4.782E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	2.2316E-09	4.24004E-08	4.4632E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	5.9775E-05	9.0858E-04	9.68355E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.0014346	0.0218059	0.0232405	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	7.173E-10	1.36287E-08	1.4346E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	3.0286E-07	5.75434E-06	6.0572E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	2.0722E-07	3.93718E-06	4.1444E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	7.173E-10	1.36287E-08	1.4346E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	1.9128E-08	3.63432E-07	3.8256E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	4.8617E-07	7.38978E-06	7.87595E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	1.6737E-06	3.18003E-05	3.3474E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.3549E-08	2.57431E-07	2.7098E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	5.27598E-07	1.00244E-05	1.0552E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	3.985E-09	7.5715E-08	7.97E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	9.564E-09	1.81716E-07	1.9128E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	2.7098E-06	4.1189E-05	4.38988E-05	TONs	

- Process & Emissions Detail

Name: P008-23

Source Classification Code (SCC): 3-02-013-01

- 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: 3236

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	9572	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0.44	7.01	7.45	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.84	3.38	4.22	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.59	2.36	2.95	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.59	2.36	2.95	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.44	7.01	7.45	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	

Total of Chargable Pollutants								11.67	TONS	

Emission Unit Summary: P009

Oct 11 2011, 13:35:35

Emissions Unit ID: P009

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	8E-04	0.0159	0.0167	TONs	
NOx - Nitrogen Oxides	NOX	X	0.14	2.652	2.792	TONs	
Organic Compounds	OC	X	1.077	17.295	18.372	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	1.456	5.909	7.365	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		1.026	4.179	5.205	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		1.026	4.179	5.205	TONs	
VOC - Volatile Organic Compounds	VOC		1.074	17.249	18.323	TONs	
Ammonia	NH3		3E-04	0.0134	0.0137	TONs	
CO - Carbon Monoxide	CO		0.12	2.23	2.35	TONs	
Total of Chargable Pollutants					28.5457	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	6.786E-10	1.28934E-08	1.3572E-08	TONs
Acenaphthylene	208968	6.786E-10	1.28934E-08	1.3572E-08	TONs
Acetaldehyde	75070	1.60738E-05	2.44321E-04	2.60395E-04	TONs
Acrolein	107028	1.38434E-05	2.1042E-04	2.24263E-04	TONs
Anthracene	120127	9.048E-10	1.71912E-08	1.8096E-08	TONs
Arsenic	7440382	1.508E-07	2.8652E-06	3.016E-06	TONs

Benz[A]Anthracene	56553	6.786E-10	1.28934E-08	1.3572E-08	TONs
Benzene	71432	1.5834E-06	2.40677E-05	2.56511E-05	TONs
Benzo[A]Pyrene	50328	4.524E-10	8.5956E-09	9.048E-09	TONs
Benzo[B]Fluoranthene	205992	6.786E-10	1.28934E-08	1.3572E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.0015834	0.0300846	0.031668	TONs
Benzo[K]Fluoranthene	207089	6.786E-10	1.28934E-08	1.3572E-08	TONs
Beryllium	7440417	4.524E-09	8.5956E-08	9.048E-08	TONs
Cadmium	7440439	8.294E-07	1.57586E-05	1.6588E-05	TONs
Chromium	7440473	1.0556E-06	2.00564E-05	2.1112E-05	TONs
Chrysene	218019	6.786E-10	1.28934E-08	1.3572E-08	TONs
Cobalt	7440484	6.3336E-08	1.20338E-06	1.26672E-06	TONs
Dibenzo[A,H]Anthracene	53703	4.524E-10	8.5956E-09	9.048E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	6.032E-09	1.14608E-07	1.2064E-07	TONs
Fluoranthene	206440	2.262E-09	4.2978E-08	4.524E-08	TONs
Fluorene	86737	2.1112E-09	4.01128E-08	4.2224E-08	TONs
Formaldehyde	50000	5.655E-05	8.5956E-04	9.1611E-04	TONs
Hexane, N-	110543	0.0013572	0.0206294	0.0219866	TONs
Indeno[1,2,3-C,D]Pyrene	193395	6.786E-10	1.28934E-08	1.3572E-08	TONs
MN - Manganese	7439965	2.8652E-07	5.44388E-06	5.7304E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	1.9604E-07	3.72476E-06	3.9208E-06	TONs
Methylcholanthrene, 3-	56495	6.786E-10	1.28934E-08	1.3572E-08	TONs
Methylnaphthalene, 2-	91576	1.8096E-08	3.43824E-07	3.6192E-07	TONs
Naphthalene	91203	4.5994E-07	6.99109E-06	7.45103E-06	TONs
Nickel	7440020	1.5834E-06	3.00846E-05	3.1668E-05	TONs
Phenanthrene	85018	1.2818E-08	2.43542E-07	2.5636E-07	TONs
Polycyclic Organic Matter	246	4.99133E-07	9.48353E-06	9.98266E-06	TONs
Pyrene	129000	3.77E-09	7.163E-08	7.54E-08	TONs
Selenium	7782492	9.048E-09	1.71912E-07	1.8096E-07	TONs
Toluene	108883	2.5636E-06	3.89667E-05	4.15303E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P009-24

Source Classification Code (SCC): 3-02-900-03

- 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: 3944

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	30.16	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0008	0.0159	0.0167	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.140	2.652	2.792	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.007	0.125	0.132	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.006	0.109	0.115	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.006	0.109	0.115	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.006	0.109	0.115	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.004	0.079	0.083	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0003	0.0134	0.0137	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.12	2.23	2.35	TONs	
Total of Chargable Pollutants								3.0557	TONS	

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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:OEPA (auto calculate)	0	9E-07	6.786E-10	1.28934E-08	1.3572E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	6.786E-10	1.28934E-08	1.3572E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	1.60738E-05	2.44321E-04	2.60395E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	1.38434E-05	2.1042E-04	2.24263E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	9.048E-10	1.71912E-08	1.8096E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	1.508E-07	2.8652E-06	3.016E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	6.786E-10	1.28934E-08	1.3572E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	1.5834E-06	2.40677E-05	2.56511E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	4.524E-10	8.5956E-09	9.048E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	6.786E-10	1.28934E-08	1.3572E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	0.0015834	0.0300846	0.031668	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	6.786E-10	1.28934E-08	1.3572E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	4.524E-09	8.5956E-08	9.048E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	8.294E-07	1.57586E-05	1.6588E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.0556E-06	2.00564E-05	2.1112E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	6.786E-10	1.28934E-08	1.3572E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	6.3336E-08	1.20338E-06	1.26672E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	4.524E-10	8.5956E-09	9.048E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	6.032E-09	1.14608E-07	1.2064E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	2.262E-09	4.2978E-08	4.524E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	2.1112E-09	4.01128E-08	4.2224E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	5.655E-05	8.5956E-04	9.1611E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.0013572	0.0206294	0.0219866	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	6.786E-10	1.28934E-08	1.3572E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	2.8652E-07	5.44388E-06	5.7304E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	1.9604E-07	3.72476E-06	3.9208E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	6.786E-10	1.28934E-08	1.3572E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	1.8096E-08	3.43824E-07	3.6192E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	4.5994E-07	6.99109E-06	7.45103E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	1.5834E-06	3.00846E-05	3.1668E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.2818E-08	2.43542E-07	2.5636E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	4.99133E-07	9.48353E-06	9.98266E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	3.77E-09	7.163E-08	7.54E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	9.048E-09	1.71912E-07	1.8096E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	2.5636E-06	3.89667E-05	4.15303E-05	TONs	

- Process & Emissions Detail

Name: P009-25

Source Classification Code (SCC): 3-02-013-01

- 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: 3356

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	12283	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			1.07	17.17	18.24	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			1.45	5.80	7.25	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			1.02	4.07	5.09	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			1.02	4.07	5.09	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			1.07	17.17	18.24	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	

Total of Chargable Pollutants								25.49	TONS	

Emission Unit Summary: P010

Oct 11 2011, 13:35:35

Emissions Unit ID: P010

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	8E-04	0.0159	0.0167	TONs	
NOx - Nitrogen Oxides	NOX	X	0.14	2.652	2.792	TONs	
Organic Compounds	OC	X	0.787	12.618	13.405	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	1.236	5.022	6.258	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.866	3.552	4.418	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.866	3.552	4.418	TONs	
VOC - Volatile Organic Compounds	VOC		0.784	12.571	13.355	TONs	
Ammonia	NH3		3E-04	0.0134	0.0137	TONs	
CO - Carbon Monoxide	CO		0.12	2.23	2.35	TONs	
Total of Chargable Pollutants					22.4717	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	6.95025E-10	1.32055E-08	1.39005E-08	TONs
Acenaphthylene	208968	6.95025E-10	1.32055E-08	1.39005E-08	TONs
Acetaldehyde	75070	1.64628E-05	2.50235E-04	2.66698E-04	TONs
Acrolein	107028	1.41785E-05	2.15513E-04	2.29692E-04	TONs
Anthracene	120127	9.267E-10	1.76073E-08	1.8534E-08	TONs
Arsenic	7440382	1.5445E-07	2.93455E-06	3.089E-06	TONs

Benz[A]Anthracene	56553	6.95025E-10	1.32055E-08	1.39005E-08	TONs
Benzene	71432	1.62173E-06	2.46502E-05	2.62719E-05	TONs
Benzo[A]Pyrene	50328	4.6335E-10	8.80365E-09	9.267E-09	TONs
Benzo[B]Fluoranthene	205992	6.95025E-10	1.32055E-08	1.39005E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.00162172	0.0308128	0.0324345	TONs
Benzo[K]Fluoranthene	207089	6.95025E-10	1.32055E-08	1.39005E-08	TONs
Beryllium	7440417	4.6335E-09	8.80365E-08	9.267E-08	TONs
Cadmium	7440439	8.49475E-07	1.614E-05	1.69895E-05	TONs
Chromium	7440473	1.08115E-06	2.05418E-05	2.1623E-05	TONs
Chrysene	218019	6.95025E-10	1.32055E-08	1.39005E-08	TONs
Cobalt	7440484	6.4869E-08	1.23251E-06	1.29738E-06	TONs
Dibenzo[A,H]Anthracene	53703	4.6335E-10	8.80365E-09	9.267E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	6.178E-09	1.17382E-07	1.2356E-07	TONs
Fluoranthene	206440	2.31675E-09	4.40183E-08	4.6335E-08	TONs
Fluorene	86737	2.1623E-09	4.10837E-08	4.3246E-08	TONs
Formaldehyde	50000	5.79188E-05	8.80365E-04	9.38284E-04	TONs
Hexane, N-	110543	0.00139005	0.0211288	0.0225188	TONs
Indeno[1,2,3-C,D]Pyrene	193395	6.95025E-10	1.32055E-08	1.39005E-08	TONs
MN - Manganese	7439965	2.93455E-07	5.57565E-06	5.8691E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	2.00785E-07	3.81492E-06	4.0157E-06	TONs
Methylcholanthrene, 3-	56495	6.95025E-10	1.32055E-08	1.39005E-08	TONs
Methylnaphthalene, 2-	91576	1.8534E-08	3.52146E-07	3.7068E-07	TONs
Naphthalene	91203	4.71072E-07	7.1603E-06	7.63137E-06	TONs
Nickel	7440020	1.62173E-06	3.08128E-05	3.24345E-05	TONs
Phenanthrene	85018	1.31282E-08	2.49437E-07	2.62565E-07	TONs
Polycyclic Organic Matter	246	5.11214E-07	9.71307E-06	1.02243E-05	TONs
Pyrene	129000	3.86125E-09	7.33638E-08	7.7225E-08	TONs
Selenium	7782492	9.267E-09	1.76073E-07	1.8534E-07	TONs
Toluene	108883	2.62565E-06	3.99099E-05	4.25356E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P010-26

Source Classification Code (SCC): 3-02-900-03

- 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: 4039

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	30.89	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0008	0.0159	0.0167	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.140	2.652	2.792	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.007	0.128	0.135	TONs	

			JUDGEMENT							
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.006	0.112	0.118	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.006	0.112	0.118	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.006	0.112	0.118	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.004	0.081	0.085	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0003	0.0134	0.0137	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.12	2.23	2.35	TONs	
Total of Chargable Pollutants								3.0617	TONS	

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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:OEPA (auto calculate)	0	9E-07	6.95025E-10	1.32055E-08	1.39005E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	6.95025E-10	1.32055E-08	1.39005E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	1.64628E-05	2.50235E-04	2.66698E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	1.41785E-05	2.15513E-04	2.29692E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	9.267E-10	1.76073E-08	1.8534E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	1.5445E-07	2.93455E-06	3.089E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	6.95025E-10	1.32055E-08	1.39005E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	1.62173E-06	2.46502E-05	2.62719E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	4.6335E-10	8.80365E-09	9.267E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	6.95025E-10	1.32055E-08	1.39005E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	2.1	0.00162172	0.0308128	0.0324345	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	6.95025E-10	1.32055E-08	1.39005E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	4.6335E-09	8.80365E-08	9.267E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	8.49475E-07	1.614E-05	1.69895E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.08115E-06	2.05418E-05	2.1623E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	6.95025E-10	1.32055E-08	1.39005E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	6.4869E-08	1.23251E-06	1.29738E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	4.6335E-10	8.80365E-09	9.267E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	6.178E-09	1.17382E-07	1.2356E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	2.31675E-09	4.40183E-08	4.6335E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	2.1623E-09	4.10837E-08	4.3246E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	5.79188E-05	8.80365E-04	9.38284E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.00139005	0.0211288	0.0225188	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	6.95025E-10	1.32055E-08	1.39005E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	2.93455E-07	5.57565E-06	5.8691E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	2.00785E-07	3.81492E-06	4.0157E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	6.95025E-10	1.32055E-08	1.39005E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	1.8534E-08	3.52146E-07	3.7068E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	4.71072E-07	7.1603E-06	7.63137E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	1.62173E-06	3.08128E-05	3.24345E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.31282E-08	2.49437E-07	2.62565E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	5.11214E-07	9.71307E-06	1.02243E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	3.86125E-09	7.33638E-08	7.7225E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	9.267E-09	1.76073E-07	1.8534E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	2.62565E-06	3.99099E-05	4.25356E-05	TONs	

- Process & Emissions Detail

Name: P010-27

Source Classification Code (SCC): 3-02-013-01

- 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: 3261

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Meat	Smoked	11934	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0.78	12.49	13.27	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			1.23	4.91	6.14	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.86	3.44	4.3	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.86	3.44	4.3	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.78	12.49	13.27	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.0	0.0	0.	TONs	

Total of Chargable Pollutants								19.41	TONS	

Emission Unit Summary: Z002

Oct 11 2011, 13:35:35

Emissions Unit ID: Z002

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.65	1.65	TONs	
Organic Compounds	OC	X	0	0.14	0.14	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.13	0.13	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.13	0.13	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.13	0.13	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.09	0.09	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.39	1.39	TONs	
Total of Chargable Pollutants					1.93	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	0.	1.4877E-08	1.4877E-08	TONs
Acenaphthylene	208968	0.	1.4877E-08	1.4877E-08	TONs
Acetaldehyde	75070	0.	3.52387E-04	3.52387E-04	TONs
Acrolein	107028	0.	3.03491E-04	3.03491E-04	TONs
Anthracene	120127	0.	1.9836E-08	1.9836E-08	TONs
Arsenic	7440382	0.	3.306E-06	3.306E-06	TONs

Benz[A]Anthracene	56553	0.	1.4877E-08	1.4877E-08	TONs
Benzene	71432	0.	3.4713E-05	3.4713E-05	TONs
Benzo[A]Pyrene	50328	0.	9.918E-09	9.918E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.4877E-08	1.4877E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	9.918E-09	9.918E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.4877E-08	1.4877E-08	TONs
Beryllium	7440417	0.	9.918E-08	9.918E-08	TONs
Cadmium	7440439	0.	1.8183E-05	1.8183E-05	TONs
Chromium	7440473	0.	2.3142E-05	2.3142E-05	TONs
Chrysene	218019	0.	1.4877E-08	1.4877E-08	TONs
Cobalt	7440484	0.	1.38852E-06	1.38852E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	9.918E-09	9.918E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.3224E-07	1.3224E-07	TONs
Fluoranthene	206440	0.	4.959E-08	4.959E-08	TONs
Fluorene	86737	0.	4.6284E-08	4.6284E-08	TONs
Formaldehyde	50000	0.	0.00123975	0.00123975	TONs
Hexane, N-	110543	0.	0.029754	0.029754	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.4877E-08	1.4877E-08	TONs
MN - Manganese	7439965	0.	6.2814E-06	6.2814E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	4.2978E-06	4.2978E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.4877E-08	1.4877E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.9672E-07	3.9672E-07	TONs
Naphthalene	91203	0.	1.00833E-05	1.00833E-05	TONs
Nickel	7440020	0.	3.4713E-05	3.4713E-05	TONs
Phenanthrene	85018	0.	2.8101E-07	2.8101E-07	TONs
Polycyclic Organic Matter	246	0.	1.09425E-05	1.09425E-05	TONs
Pyrene	129000	0.	8.265E-08	8.265E-08	TONs
Selenium	7782492	0.	1.9836E-07	1.9836E-07	TONs
Toluene	108883	0.	5.6202E-05	5.6202E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z002-28

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	33.06	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.65	1.65	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.14	0.14	TONs	

			JUDGEMENT							
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	0.13	0.13	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.13	0.13	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.13	0.13	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.09	0.09	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.39	1.39	TONs	
Total of Chargable Pollutants								1.93	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	3.52387E-04	3.52387E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	3.03491E-04	3.03491E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.9836E-08	1.9836E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	3.306E-06	3.306E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	3.4713E-05	3.4713E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	9.918E-09	9.918E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	9.918E-09	9.918E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	9.918E-08	9.918E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.8183E-05	1.8183E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	2.3142E-05	2.3142E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.38852E-06	1.38852E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	9.918E-09	9.918E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.3224E-07	1.3224E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	4.959E-08	4.959E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	4.6284E-08	4.6284E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00123975	0.00123975	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.029754	0.029754	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	6.2814E-06	6.2814E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	4.2978E-06	4.2978E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.9672E-07	3.9672E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	1.00833E-05	1.00833E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	3.4713E-05	3.4713E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.8101E-07	2.8101E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	1.09425E-05	1.09425E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	8.265E-08	8.265E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.9836E-07	1.9836E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	5.6202E-05	5.6202E-05	TONs	

Emission Unit Summary: Z003

Oct 11 2011, 13:35:36

Emissions Unit ID: Z003

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.65	1.65	TONs	
Organic Compounds	OC	X	0	0.14	0.14	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.13	0.13	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.13	0.13	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.13	0.13	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.09	0.09	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.39	1.39	TONs	
Total of Chargable Pollutants					1.93	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	0.	1.4877E-08	1.4877E-08	TONs
Acenaphthylene	208968	0.	1.4877E-08	1.4877E-08	TONs
Acetaldehyde	75070	0.	3.52387E-04	3.52387E-04	TONs
Acrolein	107028	0.	3.03491E-04	3.03491E-04	TONs
Anthracene	120127	0.	1.9836E-08	1.9836E-08	TONs
Arsenic	7440382	0.	3.306E-06	3.306E-06	TONs

Benz[A]Anthracene	56553	0.	1.4877E-08	1.4877E-08	TONs
Benzene	71432	0.	3.4713E-05	3.4713E-05	TONs
Benzo[A]Pyrene	50328	0.	9.918E-09	9.918E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.4877E-08	1.4877E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	9.918E-09	9.918E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.4877E-08	1.4877E-08	TONs
Beryllium	7440417	0.	9.918E-08	9.918E-08	TONs
Cadmium	7440439	0.	1.8183E-05	1.8183E-05	TONs
Chromium	7440473	0.	2.3142E-05	2.3142E-05	TONs
Chrysene	218019	0.	1.4877E-08	1.4877E-08	TONs
Cobalt	7440484	0.	1.38852E-06	1.38852E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	9.918E-09	9.918E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.3224E-07	1.3224E-07	TONs
Fluoranthene	206440	0.	4.959E-08	4.959E-08	TONs
Fluorene	86737	0.	4.6284E-08	4.6284E-08	TONs
Formaldehyde	50000	0.	0.00123975	0.00123975	TONs
Hexane, N-	110543	0.	0.029754	0.029754	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.4877E-08	1.4877E-08	TONs
MN - Manganese	7439965	0.	6.2814E-06	6.2814E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	4.2978E-06	4.2978E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.4877E-08	1.4877E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.9672E-07	3.9672E-07	TONs
Naphthalene	91203	0.	1.00833E-05	1.00833E-05	TONs
Nickel	7440020	0.	3.4713E-05	3.4713E-05	TONs
Phenanthrene	85018	0.	2.8101E-07	2.8101E-07	TONs
Polycyclic Organic Matter	246	0.	1.09425E-05	1.09425E-05	TONs
Pyrene	129000	0.	8.265E-08	8.265E-08	TONs
Selenium	7782492	0.	1.9836E-07	1.9836E-07	TONs
Toluene	108883	0.	5.6202E-05	5.6202E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z003-29

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	33.06	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.65	1.65	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.14	0.14	TONs	

			JUDGEMENT							
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	0.13	0.13	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.13	0.13	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.13	0.13	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.09	0.09	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.39	1.39	TONs	
Total of Chargable Pollutants								1.93	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	3.52387E-04	3.52387E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	3.03491E-04	3.03491E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.9836E-08	1.9836E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	3.306E-06	3.306E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	3.4713E-05	3.4713E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	9.918E-09	9.918E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	9.918E-09	9.918E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	9.918E-08	9.918E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.8183E-05	1.8183E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	2.3142E-05	2.3142E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.38852E-06	1.38852E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	9.918E-09	9.918E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.3224E-07	1.3224E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	4.959E-08	4.959E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	4.6284E-08	4.6284E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00123975	0.00123975	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.029754	0.029754	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	6.2814E-06	6.2814E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	4.2978E-06	4.2978E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.4877E-08	1.4877E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.9672E-07	3.9672E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	1.00833E-05	1.00833E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	3.4713E-05	3.4713E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.8101E-07	2.8101E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	1.09425E-05	1.09425E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	8.265E-08	8.265E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.9836E-07	1.9836E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	5.6202E-05	5.6202E-05	TONs	

Emission Unit Summary: Z004

Oct 11 2011, 13:35:36

Emissions Unit ID: Z004

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.30	1.3	TONs	
Organic Compounds	OC	X	0	0.11	0.11	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.07	0.07	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.09	1.09	TONs	
Total of Chargable Pollutants					1.52	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	0.	1.1673E-08	1.1673E-08	TONs
Acenaphthylene	208968	0.	1.1673E-08	1.1673E-08	TONs
Acetaldehyde	75070	0.	2.76494E-04	2.76494E-04	TONs
Acrolein	107028	0.	2.38129E-04	2.38129E-04	TONs
Anthracene	120127	0.	1.5564E-08	1.5564E-08	TONs
Arsenic	7440382	0.	2.594E-06	2.594E-06	TONs

Benz[A]Anthracene	56553	0.	1.1673E-08	1.1673E-08	TONs
Benzene	71432	0.	2.7237E-05	2.7237E-05	TONs
Benzo[A]Pyrene	50328	0.	7.782E-09	7.782E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.1673E-08	1.1673E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	7.782E-09	7.782E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.1673E-08	1.1673E-08	TONs
Beryllium	7440417	0.	7.782E-08	7.782E-08	TONs
Cadmium	7440439	0.	1.4267E-05	1.4267E-05	TONs
Chromium	7440473	0.	1.8158E-05	1.8158E-05	TONs
Chrysene	218019	0.	1.1673E-08	1.1673E-08	TONs
Cobalt	7440484	0.	1.08948E-06	1.08948E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	7.782E-09	7.782E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0376E-07	1.0376E-07	TONs
Fluoranthene	206440	0.	3.891E-08	3.891E-08	TONs
Fluorene	86737	0.	3.6316E-08	3.6316E-08	TONs
Formaldehyde	50000	0.	9.7275E-04	9.7275E-04	TONs
Hexane, N-	110543	0.	0.023346	0.023346	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.1673E-08	1.1673E-08	TONs
MN - Manganese	7439965	0.	4.9286E-06	4.9286E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.3722E-06	3.3722E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.1673E-08	1.1673E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.1128E-07	3.1128E-07	TONs
Naphthalene	91203	0.	7.9117E-06	7.9117E-06	TONs
Nickel	7440020	0.	2.7237E-05	2.7237E-05	TONs
Phenanthrene	85018	0.	2.2049E-07	2.2049E-07	TONs
Polycyclic Organic Matter	246	0.	8.58588E-06	8.58588E-06	TONs
Pyrene	129000	0.	6.485E-08	6.485E-08	TONs
Selenium	7782492	0.	1.5564E-07	1.5564E-07	TONs
Toluene	108883	0.	4.4098E-05	4.4098E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z004-30

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	25.94	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.30	1.3	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.11	0.11	TONs	

			JUDGEMENT							
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	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.09	1.09	TONs	
Total of Chargable Pollutants								1.52	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.76494E-04	2.76494E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	2.38129E-04	2.38129E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.5564E-08	1.5564E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.594E-06	2.594E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	7.782E-08	7.782E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.4267E-05	1.4267E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.8158E-05	1.8158E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.08948E-06	1.08948E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.0376E-07	1.0376E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.891E-08	3.891E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	3.6316E-08	3.6316E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	9.7275E-04	9.7275E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.023346	0.023346	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.9286E-06	4.9286E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	3.3722E-06	3.3722E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.1128E-07	3.1128E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	7.9117E-06	7.9117E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.2049E-07	2.2049E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	8.58588E-06	8.58588E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	6.485E-08	6.485E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.5564E-07	1.5564E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	4.4098E-05	4.4098E-05	TONs	

Emission Unit Summary: Z005

Oct 11 2011, 13:35:36

Emissions Unit ID: Z005

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.30	1.3	TONs	
Organic Compounds	OC	X	0	0.11	0.11	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.07	0.07	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.09	1.09	TONs	
Total of Chargable Pollutants					1.52	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	0.	1.1673E-08	1.1673E-08	TONs
Acenaphthylene	208968	0.	1.1673E-08	1.1673E-08	TONs
Acetaldehyde	75070	0.	2.76494E-04	2.76494E-04	TONs
Acrolein	107028	0.	2.38129E-04	2.38129E-04	TONs
Anthracene	120127	0.	1.5564E-08	1.5564E-08	TONs
Arsenic	7440382	0.	2.594E-06	2.594E-06	TONs

Benz[A]Anthracene	56553	0.	1.1673E-08	1.1673E-08	TONs
Benzene	71432	0.	2.7237E-05	2.7237E-05	TONs
Benzo[A]Pyrene	50328	0.	7.782E-09	7.782E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.1673E-08	1.1673E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	7.782E-09	7.782E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.1673E-08	1.1673E-08	TONs
Beryllium	7440417	0.	7.782E-08	7.782E-08	TONs
Cadmium	7440439	0.	1.4267E-05	1.4267E-05	TONs
Chromium	7440473	0.	1.8158E-05	1.8158E-05	TONs
Chrysene	218019	0.	1.1673E-08	1.1673E-08	TONs
Cobalt	7440484	0.	1.08948E-06	1.08948E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	7.782E-09	7.782E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0376E-07	1.0376E-07	TONs
Fluoranthene	206440	0.	3.891E-08	3.891E-08	TONs
Fluorene	86737	0.	3.6316E-08	3.6316E-08	TONs
Formaldehyde	50000	0.	9.7275E-04	9.7275E-04	TONs
Hexane, N-	110543	0.	0.023346	0.023346	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.1673E-08	1.1673E-08	TONs
MN - Manganese	7439965	0.	4.9286E-06	4.9286E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.3722E-06	3.3722E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.1673E-08	1.1673E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.1128E-07	3.1128E-07	TONs
Naphthalene	91203	0.	7.9117E-06	7.9117E-06	TONs
Nickel	7440020	0.	2.7237E-05	2.7237E-05	TONs
Phenanthrene	85018	0.	2.2049E-07	2.2049E-07	TONs
Polycyclic Organic Matter	246	0.	8.58588E-06	8.58588E-06	TONs
Pyrene	129000	0.	6.485E-08	6.485E-08	TONs
Selenium	7782492	0.	1.5564E-07	1.5564E-07	TONs
Toluene	108883	0.	4.4098E-05	4.4098E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z005-31

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	25.94	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.30	1.3	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.11	0.11	TONs	

			JUDGEMENT							
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	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.09	1.09	TONs	
Total of Chargable Pollutants								1.52	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.76494E-04	2.76494E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	2.38129E-04	2.38129E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.5564E-08	1.5564E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.594E-06	2.594E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	7.782E-08	7.782E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.4267E-05	1.4267E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.8158E-05	1.8158E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.08948E-06	1.08948E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.0376E-07	1.0376E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.891E-08	3.891E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	3.6316E-08	3.6316E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	9.7275E-04	9.7275E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.023346	0.023346	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.9286E-06	4.9286E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	3.3722E-06	3.3722E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.1128E-07	3.1128E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	7.9117E-06	7.9117E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.2049E-07	2.2049E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	8.58588E-06	8.58588E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	6.485E-08	6.485E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.5564E-07	1.5564E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	4.4098E-05	4.4098E-05	TONs	

Emission Unit Summary: Z006

Oct 11 2011, 13:35:36

Emissions Unit ID: Z006

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.30	1.3	TONs	
Organic Compounds	OC	X	0	0.11	0.11	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.07	0.07	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.09	1.09	TONs	
Total of Chargable Pollutants					1.52	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	0.	1.1673E-08	1.1673E-08	TONs
Acenaphthylene	208968	0.	1.1673E-08	1.1673E-08	TONs
Acetaldehyde	75070	0.	2.76494E-04	2.76494E-04	TONs
Acrolein	107028	0.	2.38129E-04	2.38129E-04	TONs
Anthracene	120127	0.	1.5564E-08	1.5564E-08	TONs
Arsenic	7440382	0.	2.594E-06	2.594E-06	TONs

Benz[A]Anthracene	56553	0.	1.1673E-08	1.1673E-08	TONs
Benzene	71432	0.	2.7237E-05	2.7237E-05	TONs
Benzo[A]Pyrene	50328	0.	7.782E-09	7.782E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.1673E-08	1.1673E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	7.782E-09	7.782E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.1673E-08	1.1673E-08	TONs
Beryllium	7440417	0.	7.782E-08	7.782E-08	TONs
Cadmium	7440439	0.	1.4267E-05	1.4267E-05	TONs
Chromium	7440473	0.	1.8158E-05	1.8158E-05	TONs
Chrysene	218019	0.	1.1673E-08	1.1673E-08	TONs
Cobalt	7440484	0.	1.08948E-06	1.08948E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	7.782E-09	7.782E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0376E-07	1.0376E-07	TONs
Fluoranthene	206440	0.	3.891E-08	3.891E-08	TONs
Fluorene	86737	0.	3.6316E-08	3.6316E-08	TONs
Formaldehyde	50000	0.	9.7275E-04	9.7275E-04	TONs
Hexane, N-	110543	0.	0.023346	0.023346	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.1673E-08	1.1673E-08	TONs
MN - Manganese	7439965	0.	4.9286E-06	4.9286E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.3722E-06	3.3722E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.1673E-08	1.1673E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.1128E-07	3.1128E-07	TONs
Naphthalene	91203	0.	7.9117E-06	7.9117E-06	TONs
Nickel	7440020	0.	2.7237E-05	2.7237E-05	TONs
Phenanthrene	85018	0.	2.2049E-07	2.2049E-07	TONs
Polycyclic Organic Matter	246	0.	8.58588E-06	8.58588E-06	TONs
Pyrene	129000	0.	6.485E-08	6.485E-08	TONs
Selenium	7782492	0.	1.5564E-07	1.5564E-07	TONs
Toluene	108883	0.	4.4098E-05	4.4098E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z006-32

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	25.94	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.30	1.3	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.11	0.11	TONs	

			JUDGEMENT							
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	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.09	1.09	TONs	
Total of Chargable Pollutants								1.52	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.76494E-04	2.76494E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	2.38129E-04	2.38129E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.5564E-08	1.5564E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.594E-06	2.594E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	7.782E-08	7.782E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.4267E-05	1.4267E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.8158E-05	1.8158E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.08948E-06	1.08948E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.0376E-07	1.0376E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.891E-08	3.891E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	3.6316E-08	3.6316E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	9.7275E-04	9.7275E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.023346	0.023346	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.9286E-06	4.9286E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	3.3722E-06	3.3722E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.1128E-07	3.1128E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	7.9117E-06	7.9117E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.2049E-07	2.2049E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	8.58588E-06	8.58588E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	6.485E-08	6.485E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.5564E-07	1.5564E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	4.4098E-05	4.4098E-05	TONs	

Emission Unit Summary: Z007

Oct 11 2011, 13:35:36

Emissions Unit ID: Z007

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.06	1.06	TONs	
Organic Compounds	OC	X	0	0.09	0.09	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.08	0.08	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.08	0.08	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.08	0.08	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.06	0.06	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	0.89	0.89	TONs	
Total of Chargable Pollutants					1.24	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	0.	9.585E-09	9.585E-09	TONs
Acenaphthylene	208968	0.	9.585E-09	9.585E-09	TONs
Acetaldehyde	75070	0.	2.27037E-04	2.27037E-04	TONs
Acrolein	107028	0.	1.95534E-04	1.95534E-04	TONs
Anthracene	120127	0.	1.278E-08	1.278E-08	TONs
Arsenic	7440382	0.	2.13E-06	2.13E-06	TONs

Benz[A]Anthracene	56553	0.	9.585E-09	9.585E-09	TONs
Benzene	71432	0.	2.2365E-05	2.2365E-05	TONs
Benzo[A]Pyrene	50328	0.	6.39E-09	6.39E-09	TONs
Benzo[B]Fluoranthene	205992	0.	9.585E-09	9.585E-09	TONs
Benzo[G,H,I,]Perylene	191242	0.	6.39E-09	6.39E-09	TONs
Benzo[K]Fluoranthene	207089	0.	9.585E-09	9.585E-09	TONs
Beryllium	7440417	0.	6.39E-08	6.39E-08	TONs
Cadmium	7440439	0.	1.1715E-05	1.1715E-05	TONs
Chromium	7440473	0.	1.491E-05	1.491E-05	TONs
Chrysene	218019	0.	9.585E-09	9.585E-09	TONs
Cobalt	7440484	0.	8.946E-07	8.946E-07	TONs
Dibenzo[A,H]Anthracene	53703	0.	6.39E-09	6.39E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	8.52E-08	8.52E-08	TONs
Fluoranthene	206440	0.	3.195E-08	3.195E-08	TONs
Fluorene	86737	0.	2.982E-08	2.982E-08	TONs
Formaldehyde	50000	0.	7.9875E-04	7.9875E-04	TONs
Hexane, N-	110543	0.	0.01917	0.01917	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	9.585E-09	9.585E-09	TONs
MN - Manganese	7439965	0.	4.047E-06	4.047E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	2.769E-06	2.769E-06	TONs
Methylcholanthrene, 3-	56495	0.	9.585E-09	9.585E-09	TONs
Methylnaphthalene, 2-	91576	0.	2.556E-07	2.556E-07	TONs
Naphthalene	91203	0.	6.4965E-06	6.4965E-06	TONs
Nickel	7440020	0.	2.2365E-05	2.2365E-05	TONs
Phenanthrene	85018	0.	1.8105E-07	1.8105E-07	TONs
Polycyclic Organic Matter	246	0.	7.05009E-06	7.05009E-06	TONs
Pyrene	129000	0.	5.325E-08	5.325E-08	TONs
Selenium	7782492	0.	1.278E-07	1.278E-07	TONs
Toluene	108883	0.	3.621E-05	3.621E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z007-33

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	21.30	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.06	1.06	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.09	0.09	TONs	

			JUDGEMENT							
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	0.08	0.08	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.06	0.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0.89	0.89	TONs	
Total of Chargable Pollutants								1.24	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.27037E-04	2.27037E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	1.95534E-04	1.95534E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.278E-08	1.278E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.13E-06	2.13E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.2365E-05	2.2365E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	6.39E-09	6.39E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	6.39E-09	6.39E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	6.39E-08	6.39E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.1715E-05	1.1715E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.491E-05	1.491E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	8.946E-07	8.946E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	6.39E-09	6.39E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	8.52E-08	8.52E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.195E-08	3.195E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	2.982E-08	2.982E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	7.9875E-04	7.9875E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.01917	0.01917	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.047E-06	4.047E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	2.769E-06	2.769E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	2.556E-07	2.556E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	6.4965E-06	6.4965E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.2365E-05	2.2365E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	1.8105E-07	1.8105E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	7.05009E-06	7.05009E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	5.325E-08	5.325E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.278E-07	1.278E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	3.621E-05	3.621E-05	TONs	

Emission Unit Summary: Z008

Oct 11 2011, 13:35:36

Emissions Unit ID: Z008

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.30	1.3	TONs	
Organic Compounds	OC	X	0	0.11	0.11	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.07	0.07	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.09	1.09	TONs	
Total of Chargable Pollutants					1.52	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	0.	1.1673E-08	1.1673E-08	TONs
Acenaphthylene	208968	0.	1.1673E-08	1.1673E-08	TONs
Acetaldehyde	75070	0.	2.76494E-04	2.76494E-04	TONs
Acrolein	107028	0.	2.38129E-04	2.38129E-04	TONs
Anthracene	120127	0.	1.5564E-08	1.5564E-08	TONs
Arsenic	7440382	0.	2.594E-06	2.594E-06	TONs

Benz[A]Anthracene	56553	0.	1.1673E-08	1.1673E-08	TONs
Benzene	71432	0.	2.7237E-05	2.7237E-05	TONs
Benzo[A]Pyrene	50328	0.	7.782E-09	7.782E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.1673E-08	1.1673E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	7.782E-09	7.782E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.1673E-08	1.1673E-08	TONs
Beryllium	7440417	0.	7.782E-08	7.782E-08	TONs
Cadmium	7440439	0.	1.4267E-05	1.4267E-05	TONs
Chromium	7440473	0.	1.8158E-05	1.8158E-05	TONs
Chrysene	218019	0.	1.1673E-08	1.1673E-08	TONs
Cobalt	7440484	0.	1.08948E-06	1.08948E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	7.782E-09	7.782E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0376E-07	1.0376E-07	TONs
Fluoranthene	206440	0.	3.891E-08	3.891E-08	TONs
Fluorene	86737	0.	3.6316E-08	3.6316E-08	TONs
Formaldehyde	50000	0.	9.7275E-04	9.7275E-04	TONs
Hexane, N-	110543	0.	0.023346	0.023346	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.1673E-08	1.1673E-08	TONs
MN - Manganese	7439965	0.	4.9286E-06	4.9286E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.3722E-06	3.3722E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.1673E-08	1.1673E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.1128E-07	3.1128E-07	TONs
Naphthalene	91203	0.	7.9117E-06	7.9117E-06	TONs
Nickel	7440020	0.	2.7237E-05	2.7237E-05	TONs
Phenanthrene	85018	0.	2.2049E-07	2.2049E-07	TONs
Polycyclic Organic Matter	246	0.	8.58588E-06	8.58588E-06	TONs
Pyrene	129000	0.	6.485E-08	6.485E-08	TONs
Selenium	7782492	0.	1.5564E-07	1.5564E-07	TONs
Toluene	108883	0.	4.4098E-05	4.4098E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z008-34

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	25.94	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.30	1.3	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.11	0.11	TONs	

			JUDGEMENT							
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	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.09	1.09	TONs	
Total of Chargable Pollutants								1.52	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.76494E-04	2.76494E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	2.38129E-04	2.38129E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.5564E-08	1.5564E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.594E-06	2.594E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	7.782E-08	7.782E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.4267E-05	1.4267E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.8158E-05	1.8158E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.08948E-06	1.08948E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.0376E-07	1.0376E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.891E-08	3.891E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	3.6316E-08	3.6316E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	9.7275E-04	9.7275E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.023346	0.023346	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.9286E-06	4.9286E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	3.3722E-06	3.3722E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.1128E-07	3.1128E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	7.9117E-06	7.9117E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.2049E-07	2.2049E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	8.58588E-06	8.58588E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	6.485E-08	6.485E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.5564E-07	1.5564E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	4.4098E-05	4.4098E-05	TONs	

Emission Unit Summary: Z009

Oct 11 2011, 13:35:36

Emissions Unit ID: Z009

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.30	1.3	TONs	
Organic Compounds	OC	X	0	0.11	0.11	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.07	0.07	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.09	1.09	TONs	
Total of Chargable Pollutants					1.52	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	0.	1.1673E-08	1.1673E-08	TONs
Acenaphthylene	208968	0.	1.1673E-08	1.1673E-08	TONs
Acetaldehyde	75070	0.	2.76494E-04	2.76494E-04	TONs
Acrolein	107028	0.	2.38129E-04	2.38129E-04	TONs
Anthracene	120127	0.	1.5564E-08	1.5564E-08	TONs
Arsenic	7440382	0.	2.594E-06	2.594E-06	TONs

Benz[A]Anthracene	56553	0.	1.1673E-08	1.1673E-08	TONs
Benzene	71432	0.	2.7237E-05	2.7237E-05	TONs
Benzo[A]Pyrene	50328	0.	7.782E-09	7.782E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.1673E-08	1.1673E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	7.782E-09	7.782E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.1673E-08	1.1673E-08	TONs
Beryllium	7440417	0.	7.782E-08	7.782E-08	TONs
Cadmium	7440439	0.	1.4267E-05	1.4267E-05	TONs
Chromium	7440473	0.	1.8158E-05	1.8158E-05	TONs
Chrysene	218019	0.	1.1673E-08	1.1673E-08	TONs
Cobalt	7440484	0.	1.08948E-06	1.08948E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	7.782E-09	7.782E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0376E-07	1.0376E-07	TONs
Fluoranthene	206440	0.	3.891E-08	3.891E-08	TONs
Fluorene	86737	0.	3.6316E-08	3.6316E-08	TONs
Formaldehyde	50000	0.	9.7275E-04	9.7275E-04	TONs
Hexane, N-	110543	0.	0.023346	0.023346	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.1673E-08	1.1673E-08	TONs
MN - Manganese	7439965	0.	4.9286E-06	4.9286E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.3722E-06	3.3722E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.1673E-08	1.1673E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.1128E-07	3.1128E-07	TONs
Naphthalene	91203	0.	7.9117E-06	7.9117E-06	TONs
Nickel	7440020	0.	2.7237E-05	2.7237E-05	TONs
Phenanthrene	85018	0.	2.2049E-07	2.2049E-07	TONs
Polycyclic Organic Matter	246	0.	8.58588E-06	8.58588E-06	TONs
Pyrene	129000	0.	6.485E-08	6.485E-08	TONs
Selenium	7782492	0.	1.5564E-07	1.5564E-07	TONs
Toluene	108883	0.	4.4098E-05	4.4098E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z009-35

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	25.94	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.30	1.3	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.11	0.11	TONs	

			JUDGEMENT							
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	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.09	1.09	TONs	
Total of Chargable Pollutants								1.52	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.76494E-04	2.76494E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	2.38129E-04	2.38129E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.5564E-08	1.5564E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.594E-06	2.594E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	7.782E-08	7.782E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.4267E-05	1.4267E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.8158E-05	1.8158E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.08948E-06	1.08948E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.0376E-07	1.0376E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.891E-08	3.891E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	3.6316E-08	3.6316E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	9.7275E-04	9.7275E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.023346	0.023346	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.9286E-06	4.9286E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	3.3722E-06	3.3722E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.1128E-07	3.1128E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	7.9117E-06	7.9117E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.2049E-07	2.2049E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	8.58588E-06	8.58588E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	6.485E-08	6.485E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.5564E-07	1.5564E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	4.4098E-05	4.4098E-05	TONs	

Emission Unit Summary: Z010

Oct 11 2011, 13:35:36

Emissions Unit ID: Z010

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.30	1.3	TONs	
Organic Compounds	OC	X	0	0.11	0.11	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.07	0.07	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.09	1.09	TONs	
Total of Chargable Pollutants					1.52	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	0.	1.1673E-08	1.1673E-08	TONs
Acenaphthylene	208968	0.	1.1673E-08	1.1673E-08	TONs
Acetaldehyde	75070	0.	2.76494E-04	2.76494E-04	TONs
Acrolein	107028	0.	2.38129E-04	2.38129E-04	TONs
Anthracene	120127	0.	1.5564E-08	1.5564E-08	TONs
Arsenic	7440382	0.	2.594E-06	2.594E-06	TONs

Benz[A]Anthracene	56553	0.	1.1673E-08	1.1673E-08	TONs
Benzene	71432	0.	2.7237E-05	2.7237E-05	TONs
Benzo[A]Pyrene	50328	0.	7.782E-09	7.782E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.1673E-08	1.1673E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	7.782E-09	7.782E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.1673E-08	1.1673E-08	TONs
Beryllium	7440417	0.	7.782E-08	7.782E-08	TONs
Cadmium	7440439	0.	1.4267E-05	1.4267E-05	TONs
Chromium	7440473	0.	1.8158E-05	1.8158E-05	TONs
Chrysene	218019	0.	1.1673E-08	1.1673E-08	TONs
Cobalt	7440484	0.	1.08948E-06	1.08948E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	7.782E-09	7.782E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0376E-07	1.0376E-07	TONs
Fluoranthene	206440	0.	3.891E-08	3.891E-08	TONs
Fluorene	86737	0.	3.6316E-08	3.6316E-08	TONs
Formaldehyde	50000	0.	9.7275E-04	9.7275E-04	TONs
Hexane, N-	110543	0.	0.023346	0.023346	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.1673E-08	1.1673E-08	TONs
MN - Manganese	7439965	0.	4.9286E-06	4.9286E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.3722E-06	3.3722E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.1673E-08	1.1673E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.1128E-07	3.1128E-07	TONs
Naphthalene	91203	0.	7.9117E-06	7.9117E-06	TONs
Nickel	7440020	0.	2.7237E-05	2.7237E-05	TONs
Phenanthrene	85018	0.	2.2049E-07	2.2049E-07	TONs
Polycyclic Organic Matter	246	0.	8.58588E-06	8.58588E-06	TONs
Pyrene	129000	0.	6.485E-08	6.485E-08	TONs
Selenium	7782492	0.	1.5564E-07	1.5564E-07	TONs
Toluene	108883	0.	4.4098E-05	4.4098E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z010-36

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	25.94	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.30	1.3	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.11	0.11	TONs	

			JUDGEMENT							
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	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.09	1.09	TONs	
Total of Chargable Pollutants								1.52	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.76494E-04	2.76494E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	2.38129E-04	2.38129E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.5564E-08	1.5564E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.594E-06	2.594E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	7.782E-08	7.782E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.4267E-05	1.4267E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.8158E-05	1.8158E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.08948E-06	1.08948E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.0376E-07	1.0376E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.891E-08	3.891E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	3.6316E-08	3.6316E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	9.7275E-04	9.7275E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.023346	0.023346	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.9286E-06	4.9286E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	3.3722E-06	3.3722E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.1128E-07	3.1128E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	7.9117E-06	7.9117E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.2049E-07	2.2049E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	8.58588E-06	8.58588E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	6.485E-08	6.485E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.5564E-07	1.5564E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	4.4098E-05	4.4098E-05	TONs	

Emission Unit Summary: Z011

Oct 11 2011, 13:35:36

Emissions Unit ID: Z011

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.30	1.3	TONs	
Organic Compounds	OC	X	0	0.11	0.11	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.07	0.07	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.09	1.09	TONs	
Total of Chargable Pollutants					1.52	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	0.	1.1673E-08	1.1673E-08	TONs
Acenaphthylene	208968	0.	1.1673E-08	1.1673E-08	TONs
Acetaldehyde	75070	0.	2.76494E-04	2.76494E-04	TONs
Acrolein	107028	0.	2.38129E-04	2.38129E-04	TONs
Anthracene	120127	0.	1.5564E-08	1.5564E-08	TONs
Arsenic	7440382	0.	2.594E-06	2.594E-06	TONs

Benz[A]Anthracene	56553	0.	1.1673E-08	1.1673E-08	TONs
Benzene	71432	0.	2.7237E-05	2.7237E-05	TONs
Benzo[A]Pyrene	50328	0.	7.782E-09	7.782E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.1673E-08	1.1673E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	7.782E-09	7.782E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.1673E-08	1.1673E-08	TONs
Beryllium	7440417	0.	7.782E-08	7.782E-08	TONs
Cadmium	7440439	0.	1.4267E-05	1.4267E-05	TONs
Chromium	7440473	0.	1.8158E-05	1.8158E-05	TONs
Chrysene	218019	0.	1.1673E-08	1.1673E-08	TONs
Cobalt	7440484	0.	1.08948E-06	1.08948E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	7.782E-09	7.782E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0376E-07	1.0376E-07	TONs
Fluoranthene	206440	0.	3.891E-08	3.891E-08	TONs
Fluorene	86737	0.	3.6316E-08	3.6316E-08	TONs
Formaldehyde	50000	0.	9.7275E-04	9.7275E-04	TONs
Hexane, N-	110543	0.	0.023346	0.023346	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.1673E-08	1.1673E-08	TONs
MN - Manganese	7439965	0.	4.9286E-06	4.9286E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.3722E-06	3.3722E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.1673E-08	1.1673E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.1128E-07	3.1128E-07	TONs
Naphthalene	91203	0.	7.9117E-06	7.9117E-06	TONs
Nickel	7440020	0.	2.7237E-05	2.7237E-05	TONs
Phenanthrene	85018	0.	2.2049E-07	2.2049E-07	TONs
Polycyclic Organic Matter	246	0.	8.58588E-06	8.58588E-06	TONs
Pyrene	129000	0.	6.485E-08	6.485E-08	TONs
Selenium	7782492	0.	1.5564E-07	1.5564E-07	TONs
Toluene	108883	0.	4.4098E-05	4.4098E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z011-37

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	25.94	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.30	1.3	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.11	0.11	TONs	

			JUDGEMENT							
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	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.09	1.09	TONs	
Total of Chargable Pollutants								1.52	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.76494E-04	2.76494E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	2.38129E-04	2.38129E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.5564E-08	1.5564E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.594E-06	2.594E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	7.782E-08	7.782E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.4267E-05	1.4267E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.8158E-05	1.8158E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.08948E-06	1.08948E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.0376E-07	1.0376E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.891E-08	3.891E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	3.6316E-08	3.6316E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	9.7275E-04	9.7275E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.023346	0.023346	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.9286E-06	4.9286E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	3.3722E-06	3.3722E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.1128E-07	3.1128E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	7.9117E-06	7.9117E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.2049E-07	2.2049E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	8.58588E-06	8.58588E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	6.485E-08	6.485E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.5564E-07	1.5564E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	4.4098E-05	4.4098E-05	TONs	

Emission Unit Summary: Z012

Oct 11 2011, 13:35:36

Emissions Unit ID: Z012

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.30	1.3	TONs	
Organic Compounds	OC	X	0	0.11	0.11	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.07	0.07	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	1.09	1.09	TONs	
Total of Chargable Pollutants					1.52	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	0.	1.1673E-08	1.1673E-08	TONs
Acenaphthylene	208968	0.	1.1673E-08	1.1673E-08	TONs
Acetaldehyde	75070	0.	2.76494E-04	2.76494E-04	TONs
Acrolein	107028	0.	2.38129E-04	2.38129E-04	TONs
Anthracene	120127	0.	1.5564E-08	1.5564E-08	TONs
Arsenic	7440382	0.	2.594E-06	2.594E-06	TONs

Benz[A]Anthracene	56553	0.	1.1673E-08	1.1673E-08	TONs
Benzene	71432	0.	2.7237E-05	2.7237E-05	TONs
Benzo[A]Pyrene	50328	0.	7.782E-09	7.782E-09	TONs
Benzo[B]Fluoranthene	205992	0.	1.1673E-08	1.1673E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	7.782E-09	7.782E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.1673E-08	1.1673E-08	TONs
Beryllium	7440417	0.	7.782E-08	7.782E-08	TONs
Cadmium	7440439	0.	1.4267E-05	1.4267E-05	TONs
Chromium	7440473	0.	1.8158E-05	1.8158E-05	TONs
Chrysene	218019	0.	1.1673E-08	1.1673E-08	TONs
Cobalt	7440484	0.	1.08948E-06	1.08948E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	7.782E-09	7.782E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0376E-07	1.0376E-07	TONs
Fluoranthene	206440	0.	3.891E-08	3.891E-08	TONs
Fluorene	86737	0.	3.6316E-08	3.6316E-08	TONs
Formaldehyde	50000	0.	9.7275E-04	9.7275E-04	TONs
Hexane, N-	110543	0.	0.023346	0.023346	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.1673E-08	1.1673E-08	TONs
MN - Manganese	7439965	0.	4.9286E-06	4.9286E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.3722E-06	3.3722E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.1673E-08	1.1673E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.1128E-07	3.1128E-07	TONs
Naphthalene	91203	0.	7.9117E-06	7.9117E-06	TONs
Nickel	7440020	0.	2.7237E-05	2.7237E-05	TONs
Phenanthrene	85018	0.	2.2049E-07	2.2049E-07	TONs
Polycyclic Organic Matter	246	0.	8.58588E-06	8.58588E-06	TONs
Pyrene	129000	0.	6.485E-08	6.485E-08	TONs
Selenium	7782492	0.	1.5564E-07	1.5564E-07	TONs
Toluene	108883	0.	4.4098E-05	4.4098E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z012-38

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	25.94	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.30	1.3	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.11	0.11	TONs	

			JUDGEMENT							
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	0.10	0.1	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.09	1.09	TONs	
Total of Chargable Pollutants								1.52	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.76494E-04	2.76494E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	2.38129E-04	2.38129E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.5564E-08	1.5564E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.594E-06	2.594E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	7.782E-08	7.782E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.4267E-05	1.4267E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.8158E-05	1.8158E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.08948E-06	1.08948E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	7.782E-09	7.782E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.0376E-07	1.0376E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.891E-08	3.891E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	3.6316E-08	3.6316E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	9.7275E-04	9.7275E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.023346	0.023346	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.9286E-06	4.9286E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	3.3722E-06	3.3722E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.1673E-08	1.1673E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.1128E-07	3.1128E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	7.9117E-06	7.9117E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.7237E-05	2.7237E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	2.2049E-07	2.2049E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	8.58588E-06	8.58588E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	6.485E-08	6.485E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.5564E-07	1.5564E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	4.4098E-05	4.4098E-05	TONs	

Emission Unit Summary: Z013

Oct 11 2011, 13:35:36

Emissions Unit ID: Z013

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.06	1.06	TONs	
Organic Compounds	OC	X	0	0.09	0.09	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.08	0.08	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.08	0.08	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.08	0.08	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.06	0.06	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	0.89	0.89	TONs	
Total of Chargable Pollutants					1.24	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	0.	9.585E-09	9.585E-09	TONs
Acenaphthylene	208968	0.	9.585E-09	9.585E-09	TONs
Acetaldehyde	75070	0.	2.27037E-04	2.27037E-04	TONs
Acrolein	107028	0.	1.95534E-04	1.95534E-04	TONs
Anthracene	120127	0.	1.278E-08	1.278E-08	TONs
Arsenic	7440382	0.	2.13E-06	2.13E-06	TONs

Benz[A]Anthracene	56553	0.	9.585E-09	9.585E-09	TONs
Benzene	71432	0.	2.2365E-05	2.2365E-05	TONs
Benzo[A]Pyrene	50328	0.	6.39E-09	6.39E-09	TONs
Benzo[B]Fluoranthene	205992	0.	9.585E-09	9.585E-09	TONs
Benzo[G,H,I,]Perylene	191242	0.	6.39E-09	6.39E-09	TONs
Benzo[K]Fluoranthene	207089	0.	9.585E-09	9.585E-09	TONs
Beryllium	7440417	0.	6.39E-08	6.39E-08	TONs
Cadmium	7440439	0.	1.1715E-05	1.1715E-05	TONs
Chromium	7440473	0.	1.491E-05	1.491E-05	TONs
Chrysene	218019	0.	9.585E-09	9.585E-09	TONs
Cobalt	7440484	0.	8.946E-07	8.946E-07	TONs
Dibenzo[A,H]Anthracene	53703	0.	6.39E-09	6.39E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	8.52E-08	8.52E-08	TONs
Fluoranthene	206440	0.	3.195E-08	3.195E-08	TONs
Fluorene	86737	0.	2.982E-08	2.982E-08	TONs
Formaldehyde	50000	0.	7.9875E-04	7.9875E-04	TONs
Hexane, N-	110543	0.	0.01917	0.01917	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	9.585E-09	9.585E-09	TONs
MN - Manganese	7439965	0.	4.047E-06	4.047E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	2.769E-06	2.769E-06	TONs
Methylcholanthrene, 3-	56495	0.	9.585E-09	9.585E-09	TONs
Methylnaphthalene, 2-	91576	0.	2.556E-07	2.556E-07	TONs
Naphthalene	91203	0.	6.4965E-06	6.4965E-06	TONs
Nickel	7440020	0.	2.2365E-05	2.2365E-05	TONs
Phenanthrene	85018	0.	1.8105E-07	1.8105E-07	TONs
Polycyclic Organic Matter	246	0.	7.05009E-06	7.05009E-06	TONs
Pyrene	129000	0.	5.325E-08	5.325E-08	TONs
Selenium	7782492	0.	1.278E-07	1.278E-07	TONs
Toluene	108883	0.	3.621E-05	3.621E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z013-39

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	21.30	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.06	1.06	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.09	0.09	TONs	

			JUDGEMENT							
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	0.08	0.08	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.06	0.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0.89	0.89	TONs	
Total of Chargable Pollutants								1.24	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.27037E-04	2.27037E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	1.95534E-04	1.95534E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.278E-08	1.278E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.13E-06	2.13E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.2365E-05	2.2365E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	6.39E-09	6.39E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	6.39E-09	6.39E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	6.39E-08	6.39E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.1715E-05	1.1715E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.491E-05	1.491E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	8.946E-07	8.946E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	6.39E-09	6.39E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	8.52E-08	8.52E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.195E-08	3.195E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	2.982E-08	2.982E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	7.9875E-04	7.9875E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.01917	0.01917	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.047E-06	4.047E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	2.769E-06	2.769E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	2.556E-07	2.556E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	6.4965E-06	6.4965E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.2365E-05	2.2365E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	1.8105E-07	1.8105E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	7.05009E-06	7.05009E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	5.325E-08	5.325E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.278E-07	1.278E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	3.621E-05	3.621E-05	TONs	

Emission Unit Summary: Z014

Oct 11 2011, 13:35:36

Emissions Unit ID: Z014

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0	1.06	1.06	TONs	
Organic Compounds	OC	X	0	0.09	0.09	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.08	0.08	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.08	0.08	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.08	0.08	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.06	0.06	TONs	
Ammonia	NH3		0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		0	0.89	0.89	TONs	
Total of Chargable Pollutants					1.24	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	0.	9.585E-09	9.585E-09	TONs
Acenaphthylene	208968	0.	9.585E-09	9.585E-09	TONs
Acetaldehyde	75070	0.	2.27037E-04	2.27037E-04	TONs
Acrolein	107028	0.	1.95534E-04	1.95534E-04	TONs
Anthracene	120127	0.	1.278E-08	1.278E-08	TONs
Arsenic	7440382	0.	2.13E-06	2.13E-06	TONs

Benz[A]Anthracene	56553	0.	9.585E-09	9.585E-09	TONs
Benzene	71432	0.	2.2365E-05	2.2365E-05	TONs
Benzo[A]Pyrene	50328	0.	6.39E-09	6.39E-09	TONs
Benzo[B]Fluoranthene	205992	0.	9.585E-09	9.585E-09	TONs
Benzo[G,H,I,]Perylene	191242	0.	6.39E-09	6.39E-09	TONs
Benzo[K]Fluoranthene	207089	0.	9.585E-09	9.585E-09	TONs
Beryllium	7440417	0.	6.39E-08	6.39E-08	TONs
Cadmium	7440439	0.	1.1715E-05	1.1715E-05	TONs
Chromium	7440473	0.	1.491E-05	1.491E-05	TONs
Chrysene	218019	0.	9.585E-09	9.585E-09	TONs
Cobalt	7440484	0.	8.946E-07	8.946E-07	TONs
Dibenzo[A,H]Anthracene	53703	0.	6.39E-09	6.39E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	8.52E-08	8.52E-08	TONs
Fluoranthene	206440	0.	3.195E-08	3.195E-08	TONs
Fluorene	86737	0.	2.982E-08	2.982E-08	TONs
Formaldehyde	50000	0.	7.9875E-04	7.9875E-04	TONs
Hexane, N-	110543	0.	0.01917	0.01917	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	9.585E-09	9.585E-09	TONs
MN - Manganese	7439965	0.	4.047E-06	4.047E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	2.769E-06	2.769E-06	TONs
Methylcholanthrene, 3-	56495	0.	9.585E-09	9.585E-09	TONs
Methylnaphthalene, 2-	91576	0.	2.556E-07	2.556E-07	TONs
Naphthalene	91203	0.	6.4965E-06	6.4965E-06	TONs
Nickel	7440020	0.	2.2365E-05	2.2365E-05	TONs
Phenanthrene	85018	0.	1.8105E-07	1.8105E-07	TONs
Polycyclic Organic Matter	246	0.	7.05009E-06	7.05009E-06	TONs
Pyrene	129000	0.	5.325E-08	5.325E-08	TONs
Selenium	7782492	0.	1.278E-07	1.278E-07	TONs
Toluene	108883	0.	3.621E-05	3.621E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: Z014-40

Source Classification Code (SCC): 1-03-006-03

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	21.30	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.01	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.06	1.06	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.09	0.09	TONs	

			JUDGEMENT							
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	0.08	0.08	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.06	0.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0.89	0.89	TONs	
Total of Chargable Pollutants								1.24	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	2.27037E-04	2.27037E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	1.95534E-04	1.95534E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.278E-08	1.278E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	2.13E-06	2.13E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.2365E-05	2.2365E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	6.39E-09	6.39E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	6.39E-09	6.39E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	6.39E-08	6.39E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	1.1715E-05	1.1715E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	1.491E-05	1.491E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	8.946E-07	8.946E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	6.39E-09	6.39E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	8.52E-08	8.52E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.195E-08	3.195E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	2.982E-08	2.982E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	7.9875E-04	7.9875E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.01917	0.01917	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.047E-06	4.047E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	2.769E-06	2.769E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	9.585E-09	9.585E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	2.556E-07	2.556E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	6.4965E-06	6.4965E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	2.2365E-05	2.2365E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	1.8105E-07	1.8105E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	7.05009E-06	7.05009E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	5.325E-08	5.325E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	1.278E-07	1.278E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	3.621E-05	3.621E-05	TONs	

Emission Unit Summary: Z016

Oct 11 2011, 13:35:36

Emissions Unit ID: Z016

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.04	0.04	TONs	
NOx - Nitrogen Oxides	NOX	X	0	6.44	6.44	TONs	
Organic Compounds	OC	X	0	0.56	0.56	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.49	0.49	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.49	0.49	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.49	0.49	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.35	0.35	TONs	
Ammonia	NH3		0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		0	5.41	5.41	TONs	
Total of Chargable Pollutants					7.53	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	0.	5.7969E-08	5.7969E-08	TONs
Acenaphthylene	208968	0.	5.7969E-08	5.7969E-08	TONs
Acetaldehyde	75070	0.	0.00137309	0.00137309	TONs
Acrolein	107028	0.	0.00118257	0.00118257	TONs
Anthracene	120127	0.	7.7292E-08	7.7292E-08	TONs
Arsenic	7440382	0.	1.2882E-05	1.2882E-05	TONs

Benz[A]Anthracene	56553	0.	5.7969E-08	5.7969E-08	TONs
Benzene	71432	0.	1.35261E-04	1.35261E-04	TONs
Benzo[A]Pyrene	50328	0.	3.8646E-08	3.8646E-08	TONs
Benzo[B]Fluoranthene	205992	0.	5.7969E-08	5.7969E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	3.8646E-08	3.8646E-08	TONs
Benzo[K]Fluoranthene	207089	0.	5.7969E-08	5.7969E-08	TONs
Beryllium	7440417	0.	3.8646E-07	3.8646E-07	TONs
Cadmium	7440439	0.	7.0851E-05	7.0851E-05	TONs
Chromium	7440473	0.	9.0174E-05	9.0174E-05	TONs
Chrysene	218019	0.	5.7969E-08	5.7969E-08	TONs
Cobalt	7440484	0.	5.41044E-06	5.41044E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	3.8646E-08	3.8646E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	5.1528E-07	5.1528E-07	TONs
Fluoranthene	206440	0.	1.9323E-07	1.9323E-07	TONs
Fluorene	86737	0.	1.80348E-07	1.80348E-07	TONs
Formaldehyde	50000	0.	0.00483075	0.00483075	TONs
Hexane, N-	110543	0.	0.115938	0.115938	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	5.7969E-08	5.7969E-08	TONs
MN - Manganese	7439965	0.	2.44758E-05	2.44758E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.67466E-05	1.67466E-05	TONs
Methylcholanthrene, 3-	56495	0.	5.7969E-08	5.7969E-08	TONs
Methylnaphthalene, 2-	91576	0.	1.54584E-06	1.54584E-06	TONs
Naphthalene	91203	0.	3.92901E-05	3.92901E-05	TONs
Nickel	7440020	0.	1.35261E-04	1.35261E-04	TONs
Phenanthrene	85018	0.	1.09497E-06	1.09497E-06	TONs
Polycyclic Organic Matter	246	0.	4.26381E-05	4.26381E-05	TONs
Pyrene	129000	0.	3.2205E-07	3.2205E-07	TONs
Selenium	7782492	0.	7.7292E-07	7.7292E-07	TONs
Toluene	108883	0.	2.18994E-04	2.18994E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: Z016-41

Source Classification Code (SCC): 1-03-006-02

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	128.82	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.04	0.04	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	6.44	6.44	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.56	0.56	TONs	

			JUDGEMENT							
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	0.49	0.49	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.49	0.49	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.49	0.49	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.35	0.35	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	5.41	5.41	TONs	
Total of Chargable Pollutants								7.53	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	0.00137309	0.00137309	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	0.00118257	0.00118257	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	7.7292E-08	7.7292E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	1.2882E-05	1.2882E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	1.35261E-04	1.35261E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	3.8646E-08	3.8646E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	3.8646E-08	3.8646E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	3.8646E-07	3.8646E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	7.0851E-05	7.0851E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	9.0174E-05	9.0174E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	5.41044E-06	5.41044E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	3.8646E-08	3.8646E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	5.1528E-07	5.1528E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.9323E-07	1.9323E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.80348E-07	1.80348E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00483075	0.00483075	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.115938	0.115938	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	2.44758E-05	2.44758E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	1.67466E-05	1.67466E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	1.54584E-06	1.54584E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	3.92901E-05	3.92901E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	1.35261E-04	1.35261E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	1.09497E-06	1.09497E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	4.26381E-05	4.26381E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	3.2205E-07	3.2205E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	7.7292E-07	7.7292E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	2.18994E-04	2.18994E-04	TONs	

Emission Unit Summary: Z017

Oct 11 2011, 13:35:36

Emissions Unit ID: Z017

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.04	0.04	TONs	
NOx - Nitrogen Oxides	NOX	X	0	6.44	6.44	TONs	
Organic Compounds	OC	X	0	0.56	0.56	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.49	0.49	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.49	0.49	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.49	0.49	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.35	0.35	TONs	
Ammonia	NH3		0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		0	5.41	5.41	TONs	
Total of Chargable Pollutants					7.53	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	0.	5.7969E-08	5.7969E-08	TONs
Acenaphthylene	208968	0.	5.7969E-08	5.7969E-08	TONs
Acetaldehyde	75070	0.	0.00137309	0.00137309	TONs
Acrolein	107028	0.	0.00118257	0.00118257	TONs
Anthracene	120127	0.	7.7292E-08	7.7292E-08	TONs
Arsenic	7440382	0.	1.2882E-05	1.2882E-05	TONs

Benz[A]Anthracene	56553	0.	5.7969E-08	5.7969E-08	TONs
Benzene	71432	0.	1.35261E-04	1.35261E-04	TONs
Benzo[A]Pyrene	50328	0.	3.8646E-08	3.8646E-08	TONs
Benzo[B]Fluoranthene	205992	0.	5.7969E-08	5.7969E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	3.8646E-08	3.8646E-08	TONs
Benzo[K]Fluoranthene	207089	0.	5.7969E-08	5.7969E-08	TONs
Beryllium	7440417	0.	3.8646E-07	3.8646E-07	TONs
Cadmium	7440439	0.	7.0851E-05	7.0851E-05	TONs
Chromium	7440473	0.	9.0174E-05	9.0174E-05	TONs
Chrysene	218019	0.	5.7969E-08	5.7969E-08	TONs
Cobalt	7440484	0.	5.41044E-06	5.41044E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	3.8646E-08	3.8646E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	5.1528E-07	5.1528E-07	TONs
Fluoranthene	206440	0.	1.9323E-07	1.9323E-07	TONs
Fluorene	86737	0.	1.80348E-07	1.80348E-07	TONs
Formaldehyde	50000	0.	0.00483075	0.00483075	TONs
Hexane, N-	110543	0.	0.115938	0.115938	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	5.7969E-08	5.7969E-08	TONs
MN - Manganese	7439965	0.	2.44758E-05	2.44758E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.67466E-05	1.67466E-05	TONs
Methylcholanthrene, 3-	56495	0.	5.7969E-08	5.7969E-08	TONs
Methylnaphthalene, 2-	91576	0.	1.54584E-06	1.54584E-06	TONs
Naphthalene	91203	0.	3.92901E-05	3.92901E-05	TONs
Nickel	7440020	0.	1.35261E-04	1.35261E-04	TONs
Phenanthrene	85018	0.	1.09497E-06	1.09497E-06	TONs
Polycyclic Organic Matter	246	0.	4.26381E-05	4.26381E-05	TONs
Pyrene	129000	0.	3.2205E-07	3.2205E-07	TONs
Selenium	7782492	0.	7.7292E-07	7.7292E-07	TONs
Toluene	108883	0.	2.18994E-04	2.18994E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: Z017-42

Source Classification Code (SCC): 1-03-006-02

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	128.82	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.04	0.04	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	6.44	6.44	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.56	0.56	TONs	

			JUDGEMENT							
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	0.49	0.49	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.49	0.49	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.49	0.49	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.35	0.35	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	5.41	5.41	TONs	
Total of Chargable Pollutants								7.53	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	0.00137309	0.00137309	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	0.00118257	0.00118257	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	7.7292E-08	7.7292E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	1.2882E-05	1.2882E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	1.35261E-04	1.35261E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	3.8646E-08	3.8646E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	3.8646E-08	3.8646E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	3.8646E-07	3.8646E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	7.0851E-05	7.0851E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	9.0174E-05	9.0174E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	5.41044E-06	5.41044E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	3.8646E-08	3.8646E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	5.1528E-07	5.1528E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.9323E-07	1.9323E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.80348E-07	1.80348E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00483075	0.00483075	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.115938	0.115938	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	2.44758E-05	2.44758E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	1.67466E-05	1.67466E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	1.54584E-06	1.54584E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	3.92901E-05	3.92901E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	1.35261E-04	1.35261E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	1.09497E-06	1.09497E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	4.26381E-05	4.26381E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	3.2205E-07	3.2205E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	7.7292E-07	7.7292E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	2.18994E-04	2.18994E-04	TONs	

Emission Unit Summary: Z018

Oct 11 2011, 13:35:36

Emissions Unit ID: Z018

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.04	0.04	TONs	
NOx - Nitrogen Oxides	NOX	X	0	6.44	6.44	TONs	
Organic Compounds	OC	X	0	0.56	0.56	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.49	0.49	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.49	0.49	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.49	0.49	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.35	0.35	TONs	
Ammonia	NH3		0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		0	5.41	5.41	TONs	
Total of Chargable Pollutants					7.53	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	0.	5.7969E-08	5.7969E-08	TONs
Acenaphthylene	208968	0.	5.7969E-08	5.7969E-08	TONs
Acetaldehyde	75070	0.	0.00137309	0.00137309	TONs
Acrolein	107028	0.	0.00118257	0.00118257	TONs
Anthracene	120127	0.	7.7292E-08	7.7292E-08	TONs
Arsenic	7440382	0.	1.2882E-05	1.2882E-05	TONs

Benz[A]Anthracene	56553	0.	5.7969E-08	5.7969E-08	TONs
Benzene	71432	0.	1.35261E-04	1.35261E-04	TONs
Benzo[A]Pyrene	50328	0.	3.8646E-08	3.8646E-08	TONs
Benzo[B]Fluoranthene	205992	0.	5.7969E-08	5.7969E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	3.8646E-08	3.8646E-08	TONs
Benzo[K]Fluoranthene	207089	0.	5.7969E-08	5.7969E-08	TONs
Beryllium	7440417	0.	3.8646E-07	3.8646E-07	TONs
Cadmium	7440439	0.	7.0851E-05	7.0851E-05	TONs
Chromium	7440473	0.	9.0174E-05	9.0174E-05	TONs
Chrysene	218019	0.	5.7969E-08	5.7969E-08	TONs
Cobalt	7440484	0.	5.41044E-06	5.41044E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	3.8646E-08	3.8646E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	5.1528E-07	5.1528E-07	TONs
Fluoranthene	206440	0.	1.9323E-07	1.9323E-07	TONs
Fluorene	86737	0.	1.80348E-07	1.80348E-07	TONs
Formaldehyde	50000	0.	0.00483075	0.00483075	TONs
Hexane, N-	110543	0.	0.115938	0.115938	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	5.7969E-08	5.7969E-08	TONs
MN - Manganese	7439965	0.	2.44758E-05	2.44758E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.67466E-05	1.67466E-05	TONs
Methylcholanthrene, 3-	56495	0.	5.7969E-08	5.7969E-08	TONs
Methylnaphthalene, 2-	91576	0.	1.54584E-06	1.54584E-06	TONs
Naphthalene	91203	0.	3.92901E-05	3.92901E-05	TONs
Nickel	7440020	0.	1.35261E-04	1.35261E-04	TONs
Phenanthrene	85018	0.	1.09497E-06	1.09497E-06	TONs
Polycyclic Organic Matter	246	0.	4.26381E-05	4.26381E-05	TONs
Pyrene	129000	0.	3.2205E-07	3.2205E-07	TONs
Selenium	7782492	0.	7.7292E-07	7.7292E-07	TONs
Toluene	108883	0.	2.18994E-04	2.18994E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: Z018-43

Source Classification Code (SCC): 1-03-006-02

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	128.82	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1020	Gas Heat Content (Btu/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 Condensible 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	0.04	0.04	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	6.44	6.44	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.56	0.56	TONs	

			JUDGEMENT							
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	0.49	0.49	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.49	0.49	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.49	0.49	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.35	0.35	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	5.41	5.41	TONs	
Total of Chargable Pollutants								7.53	TONS	

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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:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.021318	0.	0.00137309	0.00137309	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.01836	0.	0.00118257	0.00118257	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	7.7292E-08	7.7292E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	1.2882E-05	1.2882E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	1.35261E-04	1.35261E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	3.8646E-08	3.8646E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	3.8646E-08	3.8646E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	3.8646E-07	3.8646E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	7.0851E-05	7.0851E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	9.0174E-05	9.0174E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	5.41044E-06	5.41044E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	3.8646E-08	3.8646E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	5.1528E-07	5.1528E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.9323E-07	1.9323E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.80348E-07	1.80348E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00483075	0.00483075	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.115938	0.115938	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	2.44758E-05	2.44758E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	1.67466E-05	1.67466E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	5.7969E-08	5.7969E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	1.54584E-06	1.54584E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	3.92901E-05	3.92901E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	1.35261E-04	1.35261E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	1.09497E-06	1.09497E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.6198E-04	0.	4.26381E-05	4.26381E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	3.2205E-07	3.2205E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	7.7292E-07	7.7292E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	2.18994E-04	2.18994E-04	TONs	