TV FER/EIS/ES Emissions Report (201351) for 2010
AK Steel Corporation
1409010006
April 14, 2011

2010 Emissions Summary Report : 201351

Oct 9 2011, 16:08:58

- Report Data

Report Category: TV

Submitted Date: 04/14/2011

Approved Date 04/18/2011

Reporting Year: 2010

Reporting State Approved

- Reports Included

FER: X ES: X 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		2.363	144.26	146.623	TONs
SO2 - Sulfur Dioxide	SO2	X	43.0923	2,304.55	2,347.64	TONs
NOx - Nitrogen Oxides	NOX	X	47.94	2,347.05	2,394.99	TONs
Organic Compounds	OC	X	320.773	538.87	859.643	TONs
Pb - Lead	7439921	X	0.	0.1	0.1	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	842.006	548.23	1,390.24	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		190.666	393.67	584.336	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		190.246	358.59	548.836	TONs
VOC - Volatile Organic Compounds	VOC		318.483	414.53	733.013	TONs
Ammonia	NH3		0.	16.84	16.84	TONs
CO - Carbon Monoxide	CO		61.167	18,186.4	18,247.5	TONs
Total of Chargable Pollutants					6,992.61	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	3.7426E-07	9.21532E-06	9.58958E-06	TONs
Acenaphthylene	208968	3.7426E-07	6.26672E-06	6.64098E-06	TONs

Acetaldehyde	75070	0.00884762	0.146845	0.155693	TONs
Acrolein	107028	0.00761993	0.126862	0.134482	TONs
Anthracene	120127	4.99014E-07	8.48048E-06	8.97949E-06	TONs
Antimony	7440360	0.	7.4256E-04	7.4256E-04	TONs
Arsenic	7440382	8.3169E-05	0.00156928	0.00165245	TONs
Benz[A]Anthracene	56553	3.7426E-07	6.79811E-06	7.17237E-06	TONs
Benzene	71432	8.73273E-04	0.0145691	0.0154424	TONs
Benzo[A]Pyrene	50328	3.44172E-04	0.04906	0.0494041	TONs
Benzo[B+K]Fluoranthene	102	0.	2.09331E-07	2.09331E-07	TONs
Benzo[B]Fluoranthene	205992	3.7426E-07	6.23093E-06	6.60519E-06	TONs
Benzo[G,H,I,]Perylene	191242	2.49507E-07	4.47361E-06	4.72311E-06	TONs
Benzo[K]Fluoranthene	207089	3.7426E-07	6.23093E-06	6.60519E-06	TONs
Beryllium	7440417	2.49507E-06	4.54094E-05	4.79045E-05	TONs
Cadmium	7440439	4.57432E-04	0.00766048	0.00811791	TONs
Chromium	7440473	5.82183E-04	0.00979758	0.0103798	TONs
Chromium (VI)	18540299	0.	3.50771E-05	3.50771E-05	TONs
Chrysene	218019	3.7426E-07	6.56756E-06	6.94182E-06	TONs
Cobalt	7440484	3.4931E-05	0.00143215	0.00146708	TONs
Dibenzo[A,H]Anthracene	53703	2.49507E-07	4.39016E-06	4.63966E-06	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	3.32676E-06	5.53859E-05	5.87126E-05	TONs
Ethyl Benzene	100414	0.	8.9956E-06	8.9956E-06	TONs
Fluoranthene	206440	1.24753E-06	2.14543E-05	2.27018E-05	TONs
Fluorene	86737	1.16437E-06	2.00173E-05	2.11817E-05	TONs
Formaldehyde	50000	0.0311884	0.521861	0.553049	TONs
Hexane, N-	110543	0.748521	12.4619	13.2104	TONs
Hydrochloric Acid (Hydrogen Chloride)	7647010	0.	10.4	10.4	TONs
Indeno[1,2,3-C,D]Pyrene	193395	3.7426E-07	6.53361E-06	6.90787E-06	TONs
MN - Manganese	7439965	1.58021E-04	0.220022	0.22018	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	1.0812E-04	0.00181603	0.00192415	TONs
Methyl Chloroform (1,1,1-Trichloroethane)	71556	0.	3.33798E-05	3.33798E-05	TONs
Methylcholanthrene, 3-	56495	3.7426E-07	6.23093E-06	6.60519E-06	TONs

Methylnaphthalene, 2-	91576	9.98028E-06	1.66158E-04	1.76138E-04	TONs
Naphthalene	91203	2.53666E-04	0.00438301	0.00463668	TONs
Nickel	7440020	8.73273E-04	0.0264688	0.0273421	TONs
Octachlorodibenzo-P-Dioxin	3268879	0.	4.38464E-10	4.38464E-10	TONs
Phenanthrene	85018	7.06938E-06	1.1918E-04	1.2625E-04	TONs
Phosphorus	7723140	0.	0.00133802	0.00133802	TONs
Polycyclic Organic Matter	246	0.0126747	190.693	190.705	TONs
Pyrene	129000	2.07922E-06	3.52174E-05	3.72966E-05	TONs
Selenium	7782492	4.99014E-06	1.79559E-04	1.84549E-04	TONs
Toluene	108883	0.00141387	0.024416	0.0258299	TONs
Xylene, O-	95476	0.	1.5417E-05	1.5417E-05	TONs
Xylenes (Isomers and Mixture)	1330207	0.	0.0010608	0.0010608	TONs

- **Attachments**

Description	Type	Public Document	Trade Seceret Document	Trade secret Justification

- **Notes**

User Name	Date	Note

Emission Units Without Detailed Emissions

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Emission Unit	Why Excluded	Company Equipment ID
TMP162540	Less Than Reporting Requirement	P089
B919	Less Than Reporting Requirement	Still Coke Batteries
F029	Less Than Reporting Requirement	F029
F030	Did Not Operate	Coke Conveyor
K001	Did Not Operate	Shops Spray Paint.
N002	Less Than Reporting Requirement	Elec Repair Burnout
P007	Less Than Reporting Requirement	Slab Mill Scarfer
P034	Less Than Reporting Requirement	No. 7 Soaking Pit
P035	Less Than Reporting Requirement	No.1 Soaking Pit

P036	Less Than Reporting Requirement	No. 6 Soaking Pit
P037	Less Than Reporting Requirement	No. 5 Soaking Pit
P038	Less Than Reporting Requirement	No. 4 Soaking Pit
P039	Less Than Reporting Requirement	No. 3 Soaking Pit
P040	Less Than Reporting Requirement	No. 2 Soaking Pit
P041	Less Than Reporting Requirement	No. 8 Soaking Pit
P057	Less Than Reporting Requirement	Still Quench Tower
P061	Less Than Reporting Requirement	No.1 EG Line
P063	Less Than Reporting Requirement	No. 1 Rolling Mill
P064	Less Than Reporting Requirement	No. 2 Rolling Mill
P069	Less Than Reporting Requirement	Still Exhausters
P074	Less Than Reporting Requirement	Still Decanting Sys.
P090	Exemption Status = Permit Exempt	Shops Abrasive Blast
P097	Less Than Reporting Requirement	Dicks Creek Interim Measures Remediation WWTP
T005	Less Than Reporting Requirement	SULFURIC ACID STORAGE TANK-SOUTH
T006	Less Than Reporting Requirement	PHOSPHORIC ACID STORAGE TANK
T007	Less Than Reporting Requirement	WEST CAUSTIC STORAGE TANK
T008	Less Than Reporting Requirement	EAST CAUSTIC STORAGE TANK
T009	Less Than Reporting Requirement	NO 3 COLD MILL WASTE OIL STORAGE-EAST TANK
T010	Less Than Reporting Requirement	NO. 3 COLD MILL WASTE OIL STORAGE-WEST TANK
T011	Exemption Status = De minimis	STTP HCl Tanks
T012	Less Than Reporting Requirement	NORTH ACID STORAGE TANK
T014	Less Than Reporting Requirement	MO-1 ROLLING OIL TANK
T015	Less Than Reporting Requirement	MO-2 ROLLING OIL TANK
T016	Less Than Reporting Requirement	ROLLING OIL TANK #3 CSM
T017	Less Than Reporting Requirement	HYDRAULIC OIL TANK
T018	Less Than Reporting Requirement	#3 CSM ROLLING OIL TANK
T020	Less Than Reporting Requirement	BULK OIL STORAGE TANK
Z012	Exemption Status = De minimis	NiCO3 Storage T
Z013	Exemption Status = De minimis	NiCO3/Elect Mixer
Z016	Exemption Status = De minimis	Roll./RP Oils Tanks

Z020	Exemption Status = Permit Exempt	STTP Limestone Bins
Z024	Exemption Status = Permit Exempt	NTTP Lime Bins
Z025	Exemption Status = Permit Exempt	Chem B Lime Bins
Z027	Exemption Status = De minimis	No. 8 Fuel Oil Tank
Z028	Exemption Status = De minimis	No. 5 Fuel Oil Tank
Z029	Exemption Status = De minimis	CSM Waste Oil Tanks
Z031	Exemption Status = Permit Exempt	4CL Pot Snout Heating
Z032	Exemption Status = Permit Exempt	4CL Pot Preheater
Z034	Exemption Status = Permit Exempt	3CL Tank 11 - TF
Z035	Exemption Status = Permit Exempt	3CL Bonderite
Z036	Exemption Status = Permit Exempt	3CL Rust Prev Tank 1
Z037	Exemption Status = Permit Exempt	3CL Tank 10 - TF
Z038	Exemption Status = Permit Exempt	3CL Tank 9 - TF
Z044	Exemption Status = Permit Exempt	2EG Caustic Tank
Z045	Exemption Status = Permit Exempt	2EG Degreas. Tank
Z046	Exemption Status = Permit Exempt	2EG Surf Act. Tank
Z047	Exemption Status = Permit Exempt	2EG Rust Prev Tank
Z048	Exemption Status = Permit Exempt	2EG Con Roll Zn Tank
Z049	Exemption Status = Permit Exempt	2EG Con Roll ZnNi Tank
Z050	Exemption Status = Permit Exempt	2EG Tank Farm
Z052	Exemption Status = Permit Exempt	2EG W H2SO4 Tank
Z053	Exemption Status = Permit Exempt	2EG E H2SO4 Tank
Z054	Exemption Status = Permit Exempt	Diesel Tank - Garage
Z055	Exemption Status = Permit Exempt	PS Rolling Oil Tank
Z056	Exemption Status = Permit Exempt	PS 1 Roll Shop Cool. Tank
Z057	Exemption Status = Permit Exempt	N4P ULHF46 Tank
Z061	Exemption Status = Permit Exempt	N4P SPL Tanks
Z062	Exemption Status = Permit Exempt	N5P SPL Tanks
Z063	Exemption Status = Permit Exempt	Rolling Oil Tank- Pickle Hse
Z064	Exemption Status = Permit Exempt	Rust Prev Tank - Pickle Hse
Z065	Exemption Status = De minimis	Pickler Oil Tank

Z067	Exemption Status = De minimis	CSM Gear Oil Tank
Z068	Exemption Status = De minimis	CSM UNOCAL Hyd Tank
Z069	Exemption Status = De minimis	CSM Rolling Oil Tank
Z070	Exemption Status = Permit Exempt	CSM Unimist 222 Tank
Z071	Exemption Status = Permit Exempt	CSM Morgoil MO1 Tank
Z072	Exemption Status = Permit Exempt	CSM Morgoil MO2 Tank
Z073	Exemption Status = Permit Exempt	CSM DI Water Tank
Z074	Exemption Status = Permit Exempt	CSM Morgoil 1200 Tank1
Z075	Exemption Status = Permit Exempt	CSM Morgoil 1200 Tank2
Z076	Exemption Status = Permit Exempt	CSM Morgoil 2450 Tank1
Z077	Exemption Status = Permit Exempt	CSM Morgoil 2450 Tank2
Z078	Exemption Status = Permit Exempt	CSM N6 Hyd Sys Tank
Z079	Exemption Status = Permit Exempt	CSM N8 Hyd Sys Tank
Z080	Exemption Status = Permit Exempt	CSM Roll Coolant Tanks
Z081	Exemption Status = Permit Exempt	HSM Hyd 22,23,24 Tank
Z083	Exemption Status = Permit Exempt	HSM H-17 Sys Tank
Z084	Exemption Status = Permit Exempt	HSM H-18 Sys Tank
Z085	Exemption Status = Permit Exempt	HSM H-1 Sys Tank
Z086	Exemption Status = Permit Exempt	HSM H-2 Sys Tank
Z087	Exemption Status = Permit Exempt	HSM H-1, H-2 Sys Tank
Z088	Exemption Status = Permit Exempt	HSM ULSO385 604 Tank
Z089	Exemption Status = Permit Exempt	HSM ULSO385 613 Tank
Z090	Exemption Status = Permit Exempt	HSM Bulk Tanks - Door 611
Z091	Exemption Status = Permit Exempt	HSM Scale Pits (3)
Z092	Exemption Status = Permit Exempt	HSM RS ULSY995 System
Z093	Exemption Status = Permit Exempt	HSM RS ULSY997 System
Z094	Exemption Status = Permit Exempt	N3BF Stockhse Hyd Tank
Z095	Exemption Status = Permit Exempt	N3BF N5 Cooling Tower Cell
Z096	Exemption Status = Permit Exempt	N3BF N Sludge Pond
Z097	Exemption Status = Permit Exempt	N3BF S Sludge Pond
Z099	Exemption Status = Permit Exempt	N2BH NALCO 2 Tank

Z100	Exemption Status = Permit Exempt	N2BH NALCO7763 Tank1
Z101	Exemption Status = Permit Exempt	N2BH Lime Slurry Tanks
Z102	Exemption Status = Permit Exempt	N2BH NALCO 2 Tank2
Z103	Exemption Status = Permit Exempt	EGLTP Caustic Tank1
Z104	Exemption Status = Permit Exempt	EGLTP Caustic Tank2
Z105	Exemption Status = Permit Exempt	EGLTP Zn/Ni Surge Tanks
Z106	Exemption Status = Permit Exempt	EGLTP Zn/Ni Mix Tank
Z107	Exemption Status = Permit Exempt	EGLTP Zn/Ni Used Oil Tank
Z108	Exemption Status = Permit Exempt	EGLTP Nalco 9901 Tanks
Z109	Exemption Status = Permit Exempt	STTP PRW Tanks (2)
Z110	Exemption Status = Permit Exempt	STTP Ashland SPL Tank
Z111	Exemption Status = Permit Exempt	STTP Crown Inhib. Tank
Z113	Exemption Status = Permit Exempt	STTP Interm Inhib Tank
Z114	Exemption Status = Permit Exempt	HSMTP Chemtreat Tank
Z116	Exemption Status = Permit Exempt	HSM Oil Holding Tanks (2)
Z117	Exemption Status = Permit Exempt	NTTP SPL Tank
Z118	Exemption Status = Permit Exempt	NTTP PRW Surge Tanks (3)
Z119	Exemption Status = Permit Exempt	NTTP Caustic Tank
Z120	Exemption Status = Permit Exempt	NTTP Oil Concentator Pit
Z121	Exemption Status = Permit Exempt	N3BH Nalco 1720 Tank
Z122	Exemption Status = Permit Exempt	N3BH Nalco 7204T Tank
Z125	Exemption Status = Permit Exempt	Carp Saws(3) Exhaust
Z130	Exemption Status = Permit Exempt	Mach Cut-Off Saw
Z133	Exemption Status = Permit Exempt	Lub Grease Tank 607
Z134	Exemption Status = Permit Exempt	Lub Grease Tanks 612
Z135	Exemption Status = Permit Exempt	Dust Sup Tank Door51
Z137	Exemption Status = Permit Exempt	Round House Diesel Tank 1
Z138	Exemption Status = Permit Exempt	Round House Diesel Tank 2
Z139	Exemption Status = Permit Exempt	Diesel Tank Door 351
Z140	Exemption Status = Permit Exempt	Round Hse Oil Tank
Z142	Exemption Status = Permit Exempt	CP H3PO4 N Tank

Z144	Exemption Status = Permit Exempt	CP Caustic E Tank
Z145	Exemption Status = Permit Exempt	CP Caustic W Tank
Z146	Exemption Status = Permit Exempt	CP Bulk Oil S Tank
Z147	Exemption Status = Permit Exempt	Deskull Pit
Z148	Exemption Status = Permit Exempt	Hypochlorite Tank
Z149	Exemption Status = Permit Exempt	BOF Quin 822-300 T.
Z150	Exemption Status = Permit Exempt	BOF CT-936 Tank
Z151	Exemption Status = Permit Exempt	Misc Kerosene Tanks
Z152	Exemption Status = Permit Exempt	Misc Cold Cleaners
Z153	Less Than Reporting Requirement	No. 4 Oil Recovery
Z156	Exemption Status = Permit Exempt	Round Hse Lub Tank
Z157	Exemption Status = Permit Exempt	Car Repair NG Burners
Z158	Exemption Status = Permit Exempt	Coke Plant Sulfur Tank

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
B007	**1-03-006-01**	0.14	0.02	7.04	0.28	0.	0.05	0.05	0.05	0.14	0.08	2.11
B007	**1-02-007-04**	6.71	66.02	5.29	0.41	0.	0.73	0.73	0.73	0.41	0.	1,162.11
B007	**1-03-004-01**											
B008	**1-03-006-01**	0.14	0.02	7.04	0.28	0.	0.05	0.05	0.05	0.14	0.08	2.11
B008	**1-03-004-01**											
B008	**1-02-007-04**	6.71	66.02	5.29	0.41	0.	0.73	0.73	0.73	0.41	0.	1,162.11
B009	**1-02-007-04**	6.71	66.02	5.29	0.41	0.	0.73	0.73	0.73	0.41	0.	1,162.11
B009	**1-03-006-01**	0.14	0.02	7.04	0.28	0.	0.05	0.05	0.05	0.14	0.08	2.11
B009	**1-03-004-01**											
B010	**1-02-007-04**	6.71	66.02	5.29	0.41	0.	0.73	0.73	0.73	0.41	0.	1,162.11
B010	**1-03-006-01**	0.14	0.02	7.04	0.28	0.	0.05	0.05	0.05	0.14	0.08	2.11
B010	**1-03-004-01**											
B015	**1-01-006-02**	0.	0.03	4.2	0.46	0.	0.32	0.32	0.32	0.23	0.	3.53
B016	**1-01-006-02**	0.	0.02	3.65	0.4	0.	0.28	0.28	0.28	0.2	0.	3.07
B021	**1-03-006-02**	1.04	0.11	18.22	2	0.	0.35	0.35	0.35	1	0.	15.31

B022	**1-03-006-02**	0.22	0.02	3.88	0.43	0.	0.07	0.07	0.07	0.21	0.	3.26
B023	**1-03-006-02**	1.12	0.12	19.65	2.16	0.	0.37	0.37	0.37	1.08	0.	16.51
B026	**1-03-006-02**	1.87	0.2	32.77	3.6	0.	0.62	0.62	0.62	1.8	0.	27.53
B027	**1-03-006-02**	0.56	0.06	9.84	1.08	0.	0.19	0.19	0.19	0.54	0.	8.26
B028	**1-03-006-02**	0.56	0.06	9.84	1.08	0.	0.19	0.19	0.19	0.54	0.	8.26
B029	**1-03-006-02**	0.56	0.06	9.84	1.08	0.	0.19	0.19	0.19	0.54	0.	8.26
B030	**1-03-006-02**	0.56	0.06	9.84	1.08	0.	0.19	0.19	0.19	0.54	0.	8.26
B031	**1-03-006-02**	0.02	0.01	0.43	0.05	0.	0.01	0.01	0.01	0.02	0.	0.36
B032	**1-03-006-02**	0.02	0.01	0.43	0.05	0.	0.01	0.01	0.01	0.02	0.	0.36
B918	**1-02-007-07**	0.	636.6	510.64	115.21	0.	0.	0.	0.	29.27	0.	211.73
B918	**3-03-003-06**	12.5	0.	0.	0.	0.	20.94	20.09	19.58	0.	0.	0.

Report Pollutant Summary (continued)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
B918	**3-03-003-99**	0.	42.83	6.35	32.98	0.	122.32	106.33	90.35	32.98	0.	26.26
B918	**1-02-007-04**	0.	0.31	2.02	0.46	0.	0.	0.	0.	0.12	0.	0.84
F001	**3-03-008-32**	0.	0.	0.	0.	0.	21.35	6.41	6.41	0.	0.	0.
F001	**3-03-008-34**	0.	0.	0.	0.	0.	11.12	5.56	5.56	0.	0.	0.
F001	**3-03-008-33**	0.	0.	0.	0.	0.	48.28	14.48	14.48	0.	0.	0.
F001	**3-03-008-31**	0.	0.	0.	0.	0.	1.92	0.58	0.58	0.	0.	0.
F002	**3-03-008-22**	0.	0.	0.	0.	0.	278	55.6	55.6	0.	0.	0.
F003	**3-03-003-07**	0.	0.	0.	0.	0.	18.76	18.76	18.76	0.	0.	0.
F004	**3-03-003-07**	0.	0.	0.	0.	0.	52.52	52.52	52.52	0.	0.	0.
F005	**3-03-003-12**	0.	0.	0.	0.	0.	10.52	10.52	10.52	0.	0.	0.
F008	**3-03-008-23**	0.	0.	0.	0.	0.	126.56	12.66	12.66	0.	0.	0.
F010	**3-03-008-27**	0.	0.	0.	0.	0.	197.75	19.78	19.78	0.	0.	0.
F011	**3-03-009-23**	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F012	**3-03-009-23**	0.	0.	0.	0.	0.	89.14	8.91	8.91	0.	0.	0.
F015	**3-03-009-32**	0.	0.	0.	0.	0.	20.54	20.54	20.54	0.	0.	0.
F021	**3-03-003-04**											
F025	**3-03-009-23**	0.	0.	0.	0.	0.	0.4	0.2	0.2	0.	0.	0.

G001	**4-06-001-63**	0.	0.	0.	0.19	0.	0.	0.	0.	0.19	0.	0.
P009	**1-02-007-07**	2.15	198.08	30.23	0.45	0.	2.34	2.34	2.34	0.45	0.	6.95
P009	**1-03-006-01**	7.31	0.77	359.17	14.11	0.	2.44	2.44	2.44	7.06	4.1	107.75
P009	**1-03-004-01**	0.05	2.56	1.66	0.03	0.	0.29	0.22	0.13	0.03	0.03	0.18
P010	**1-02-007-07**	2.15	198.08	30.23	0.45	0.	2.34	2.34	2.34	0.45	0.	6.95
P010	**1-03-006-01**	7.31	0.77	359.17	14.11	0.	2.44	2.44	2.44	7.06	4.1	107.75
P010	**1-03-004-01**	0.05	2.56	1.66	0.03	0.	0.29	0.22	0.13	0.03	0.03	0.18
P011	**1-02-007-07**	2.15	198.08	30.23	0.45	0.	2.34	2.34	2.34	0.45	0.	6.95
P011	**1-03-006-01**	7.31	0.77	359.17	14.11	0.	2.44	2.44	2.44	7.06	4.1	107.75

Report Pollutant Summary (continued)

Unit	**SCC Id**	**PM-CON**	**SO2**	**NOX**	**OC**	**7439921**	**PM-FIL**	**PM10-FIL**	**PM25-FIL**	**VOC**	**NH3**	**CO**
P011	**1-03-004-01**	0.05	2.56	1.66	0.03	0.	0.29	0.22	0.13	0.03	0.03	0.18
P012	**1-02-007-07**	2.15	198.08	30.23	0.45	0.	2.34	2.34	2.34	0.45	0.	6.95
P012	**1-03-006-01**	7.31	0.77	359.17	14.11	0.	2.44	2.44	2.44	7.06	4.1	107.75
P012	**1-03-004-01**	0.05	2.56	1.66	0.03	0.	0.29	0.22	0.13	0.03	0.03	0.18
P019	**3-03-009-34**	0.	0.	0.	8.97	0.	0.	0.	0.	8.97	0.	0.
P019	**1-03-006-02**	1.54	0.16	26.94	2.96	0.	0.51	0.51	0.51	1.48	0.	22.63
P022	**1-03-006-02**	3.35	0.35	58.81	6.47	0.	1.12	1.12	1.12	3.23	0.	49.4
P022	**3-03-009-34**	0.	0.	0.	9.47	0.	0.	0.	0.	9.47	0.	0.
P023	**3-03-009-10**	0.	0.	0.	4.44	0.	0.	0.	0.	4.44	0.	0.
P024	**3-03-009-10**	0.	0.	0.	12.12	0.	1.77	1.77	1.77	12.12	0.	0.
P043	**3-03-003-04**	0.	0.	0.	0.	0.	118.23	11.59	7.09	0.	0.	0.
P047	**3-03-009-20**	0.	6.32	0.	0.	0.	5.65	4.18	1.75	0.	0.	0.
P062	**1-03-006-02**	0.06	0.01	1.05	0.12	0.	0.02	0.02	0.02	0.06	0.	0.88
P062	**3-03-009-36**	0.	0.	0.	8.5	0.	3.45	3.45	3.45	8.5	0.	0.
P062	**3-03-009-34**	0.	0.	0.	7.54	0.	0.	0.	0.	7.54	0.	0.
P065	**1-03-006-02**	0.003	3E-04	0.05	0.003	0.	0.001	0.001	0.001	0.003	0.	0.04
P065	**3-03-009-35**	0.	0.	0.	1.09	0.	24.64	24.64	24.64	1.09	0.	0.
P067	**1-02-007-07**	0.35	32.03	4.89	0.07	0.	0.38	0.38	0.38	0.07	0.	1.12
P068	**3-03-003-15**	0.	0.	0.	0.5	0.	0.	0.	0.	0.5	0.	0.

P070	**3-03-003-15**	0.	0.	0.	0.05	0.	0.	0.	0.	0.05	0.	0.
P075	**3-03-003-15**	0.	0.	0.	7.71	0.	0.	0.	0.	7.71	0.	0.
P091	**3-03-009-34**	0.	0.	0.	62.1	0.	0.	0.	0.	62.1	0.	0.
P092	**3-03-009-34**	0.	0.	0.	200.45	0.	0.	0.	0.	200.45	0.	0.
P093	**3-03-009-34**	0.	0.	0.	2.09	0.	0.	0.	0.	2.09	0.	0.
P094	**3-03-009-31**	0.	0.	0.	0.09	0.	39.09	39.09	39.09	0.09	0.	0.
P094	**1-03-006-02**	0.02	0.002	0.28	0.03	0.	0.005	0.005	0.005	0.02	0.	0.237

Report Pollutant Summary (continued)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
P095	**3-03-009-36**	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
P096	**3-03-003-15**	0.	0.	0.	0.02	0.	0.	0.	0.	0.02	0.	0.
P901	**3-03-009-99**	0.	0.	0.	0.	0.	2.43	1.33	1.33	0.	0.	0.
P902	**3-03-009-22**	0.	0.	0.	0.	0.	32.01	32.01	32.01	0.	0.	0.
P925	**3-03-008-25**	0.	0.	0.	295.31	0.	34.21	17.45	7.87	295.31	0.	0.
P925	**3-03-008-26**	0.	0.	0.	0.	0.	1.35	1.35	1.35	0.	0.	0.34
P925	**1-02-007-04**	56.77	558.46	44.91	3.51	0.	6.16	6.16	6.16	3.51	0.	9,830.76
P925	**1-03-006-01**	0.06	0.01	2.9	0.11	0.	0.02	0.02	0.02	0.06	0.	0.87
P926	**3-03-009-17**	0.	0.	0.	0.	0.	18.89	13.31	12.5	0.	0.	0.
P926	**3-03-009-14**	0.	0.	0.	0.	0.05	4.2	4.2	4.2	0.	0.	1,280.59
P926	**3-03-009-16**	0.	0.	0.	0.	0.	9.74	9.2	8.96	0.	0.	0.
P927	**3-03-009-14**	0.	0.	0.	0.	0.05	8.72	8.72	8.72	0.	0.	1,280.59
P927	**3-03-009-16**	0.	0.	0.	0.	0.	10.11	9.56	9.31	0.	0.	0.
P927	**3-03-009-17**	0.	0.	0.	0.	0.	19.62	13.82	12.98	0.	0.	0.
P934	**3-03-009-99**	0.	0.	0.	0.	0.	1.04	1.04	1.04	0.	0.	0.
P935	**3-03-009-99**	0.	0.	0.	0.	0.	0.56	0.56	0.56	0.	0.	321.87
P956	**3-03-009-20**											
T021	**3-03-003-36**	0.	0.	0.	2.49	0.	0.	0.	0.	2.49	0.	0.
Total		146.623	2,347.64	2,394.99	859.643	0.1	1,390.24	584.336	548.836	733.013	16.84	18,247.5

Emission Unit Summary: B007

Oct 9 2011, 16:08:58

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.	6.85	6.85	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	66.04	66.04	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	12.33	12.33	TONs	
Organic Compounds	OC	X	0.	0.69	0.69	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.78	0.78	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.78	0.78	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.78	0.78	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.55	0.55	TONs	
Ammonia	NH3		0.	0.08	0.08	TONs	
CO - Carbon Monoxide	CO		0.	1,164.22	1,164.22	TONs	X
Total of Chargable Pollutants					79.84	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.	2.26395E-08	2.26395E-08	TONs
Acenaphthylene	208968	0.	2.26395E-08	2.26395E-08	TONs
Acetaldehyde	75070	0.	5.35203E-04	5.35203E-04	TONs
Acrolein	107028	0.	4.6094E-04	4.6094E-04	TONs
Anthracene	120127	0.	3.0186E-08	3.0186E-08	TONs
Arsenic	7440382	0.	5.031E-06	5.031E-06	TONs

Benz[A]Anthracene	56553	0.	2.26395E-08	2.26395E-08	TONs
Benzene	71432	0.	5.28255E-05	5.28255E-05	TONs
Benzo[A]Pyrene	50328	0.	1.5093E-08	1.5093E-08	TONs
Benzo[B]Fluoranthene	205992	0.	2.26395E-08	2.26395E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.5093E-08	1.5093E-08	TONs
Benzo[K]Fluoranthene	207089	0.	2.26395E-08	2.26395E-08	TONs
Beryllium	7440417	0.	1.5093E-07	1.5093E-07	TONs
Cadmium	7440439	0.	2.76705E-05	2.76705E-05	TONs
Chromium	7440473	0.	3.5217E-05	3.5217E-05	TONs
Chrysene	218019	0.	2.26395E-08	2.26395E-08	TONs
Cobalt	7440484	0.	2.11302E-06	2.11302E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.5093E-08	1.5093E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.0124E-07	2.0124E-07	TONs
Fluoranthene	206440	0.	7.5465E-08	7.5465E-08	TONs
Fluorene	86737	0.	7.0434E-08	7.0434E-08	TONs
Formaldehyde	50000	0.	0.00188662	0.00188662	TONs
Hexane, N-	110543	0.	0.045279	0.045279	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	2.26395E-08	2.26395E-08	TONs
MN - Manganese	7439965	0.	9.5589E-06	9.5589E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	6.5403E-06	6.5403E-06	TONs
Methylcholanthrene, 3-	56495	0.	2.26395E-08	2.26395E-08	TONs
Methylnaphthalene, 2-	91576	0.	6.0372E-07	6.0372E-07	TONs
Naphthalene	91203	0.	1.53446E-05	1.53446E-05	TONs
Nickel	7440020	0.	5.28255E-05	5.28255E-05	TONs
Phenanthrene	85018	0.	4.27635E-07	4.27635E-07	TONs
Polycyclic Organic Matter	246	0.	1.66195E-05	1.66195E-05	TONs
Pyrene	129000	0.	1.25775E-07	1.25775E-07	TONs
Selenium	7782492	0.	3.0186E-07	3.0186E-07	TONs
Toluene	108883	0.	8.5527E-05	8.5527E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: B007-NG

Source Classification Code (SCC): 1-03-006-01

- 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: 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	50.31	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	0.14	0.14	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	7.04	7.04	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.28	0.28	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	0.05	0.05	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.14	0.14	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	2.11	2.11	TONs	
Total of Chargable Pollutants								7.39	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.	2.26395E-08	2.26395E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	5.35203E-04	5.35203E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	4.6094E-04	4.6094E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	3.0186E-08	3.0186E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	5.031E-06	5.031E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	5.28255E-05	5.28255E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	00	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	1.5093E-07	1.5093E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	2.76705E-05	2.76705E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	3.5217E-05	3.5217E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	2.11302E-06	2.11302E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.0124E-07	2.0124E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	7.5465E-08	7.5465E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	7.0434E-08	7.0434E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00188662	0.00188662	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.045279	0.045279	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	9.5589E-06	9.5589E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	6.5403E-06	6.5403E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	6.0372E-07	6.0372E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	1.53446E-05	1.53446E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	5.28255E-05	5.28255E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	4.27635E-07	4.27635E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	0.	1.66195E-05	1.66195E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.25775E-07	1.25775E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	3.0186E-07	3.0186E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	8.5527E-05	8.5527E-05	TONs	

- Process & Emissions Detail

Name: B007-BFG

Source Classification Code (SCC): 1-02-007-04

- 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
Process Gas	Burned	9247.30	MILLION CUBIC FEET

Variable	Amount	Meaning

S	0.02	% Sulfur content by weight

- **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	6.71	6.71	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: STACK TEST			0	66.02	66.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: STACK TEST			0	5.29	5.29	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG.			0	1162.11	1,162.11	TONs	

			JUDGEMENT							
Total of Chargable Pollutants								72.45	TONS	

- Process & Emissions Detail

Name: B007-Oil

Source Classification Code (SCC): 1-03-004-01

- 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: 0

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Residual Oil	Burned	0	1000 GALLONS

Variable	Amount	Meaning
A		% Ash content by weight
S		% Sulfur content by weight

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Total of Chargable Pollutants								0.	TONS	

Emission Unit Summary: B008

Oct 9 2011, 16:08:58

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.	6.85	6.85	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	66.04	66.04	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	12.33	12.33	TONs	
Organic Compounds	OC	X	0.	0.69	0.69	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.78	0.78	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.78	0.78	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.78	0.78	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.55	0.55	TONs	
Ammonia	NH3		0.	0.08	0.08	TONs	
CO - Carbon Monoxide	CO		0.	1,164.22	1,164.22	TONs	X
Total of Chargable Pollutants					79.84	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.	2.26395E-08	2.26395E-08	TONs
Acenaphthylene	208968	0.	2.26395E-08	2.26395E-08	TONs
Acetaldehyde	75070	0.	5.35203E-04	5.35203E-04	TONs
Acrolein	107028	0.	4.6094E-04	4.6094E-04	TONs
Anthracene	120127	0.	3.0186E-08	3.0186E-08	TONs
Arsenic	7440382	0.	5.031E-06	5.031E-06	TONs

Benz[A]Anthracene	56553	0.	2.26395E-08	2.26395E-08	TONs
Benzene	71432	0.	5.28255E-05	5.28255E-05	TONs
Benzo[A]Pyrene	50328	0.	1.5093E-08	1.5093E-08	TONs
Benzo[B]Fluoranthene	205992	0.	2.26395E-08	2.26395E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.5093E-08	1.5093E-08	TONs
Benzo[K]Fluoranthene	207089	0.	2.26395E-08	2.26395E-08	TONs
Beryllium	7440417	0.	1.5093E-07	1.5093E-07	TONs
Cadmium	7440439	0.	2.76705E-05	2.76705E-05	TONs
Chromium	7440473	0.	3.5217E-05	3.5217E-05	TONs
Chrysene	218019	0.	2.26395E-08	2.26395E-08	TONs
Cobalt	7440484	0.	2.11302E-06	2.11302E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.5093E-08	1.5093E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.0124E-07	2.0124E-07	TONs
Fluoranthene	206440	0.	7.5465E-08	7.5465E-08	TONs
Fluorene	86737	0.	7.0434E-08	7.0434E-08	TONs
Formaldehyde	50000	0.	0.00188662	0.00188662	TONs
Hexane, N-	110543	0.	0.045279	0.045279	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	2.26395E-08	2.26395E-08	TONs
MN - Manganese	7439965	0.	9.5589E-06	9.5589E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	6.5403E-06	6.5403E-06	TONs
Methylcholanthrene, 3-	56495	0.	2.26395E-08	2.26395E-08	TONs
Methylnaphthalene, 2-	91576	0.	6.0372E-07	6.0372E-07	TONs
Naphthalene	91203	0.	1.53446E-05	1.53446E-05	TONs
Nickel	7440020	0.	5.28255E-05	5.28255E-05	TONs
Phenanthrene	85018	0.	4.27635E-07	4.27635E-07	TONs
Polycyclic Organic Matter	246	0.	1.66195E-05	1.66195E-05	TONs
Pyrene	129000	0.	1.25775E-07	1.25775E-07	TONs
Selenium	7782492	0.	3.0186E-07	3.0186E-07	TONs
Toluene	108883	0.	8.5527E-05	8.5527E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: B008-NG

Source Classification Code (SCC): 1-03-006-01

- 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: 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	50.31	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	.14	0.14	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	7.04	7.04	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.28	0.28	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	0.05	0.05	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.14	0.14	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	2.11	2.11	TONs	
Total of Chargable Pollutants								7.39	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.	2.26395E-08	2.26395E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	5.35203E-04	5.35203E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	4.6094E-04	4.6094E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	3.0186E-08	3.0186E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	5.031E-06	5.031E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	5.28255E-05	5.28255E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	1.5093E-07	1.5093E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	2.76705E-05	2.76705E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	3.5217E-05	3.5217E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	2.11302E-06	2.11302E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.0124E-07	2.0124E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	7.5465E-08	7.5465E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	7.0434E-08	7.0434E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00188662	0.00188662	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.045279	0.045279	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	9.5589E-06	9.5589E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	6.5403E-06	6.5403E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	6.0372E-07	6.0372E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	1.53446E-05	1.53446E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	5.28255E-05	5.28255E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	4.27635E-07	4.27635E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	0.	1.66195E-05	1.66195E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.25775E-07	1.25775E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	3.0186E-07	3.0186E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	8.5527E-05	8.5527E-05	TONs	

- Process & Emissions Detail

Name: B008-Oil

Source Classification Code (SCC): 1-03-004-01

- 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: 0

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Residual Oil	Burned	0	1000 GALLONS

Variable	Amount	Meaning

A		% Ash content by weight
S		% Sulfur content by weight

- **Process Emissions**

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Total of Chargable Pollutants								0.	TONS	

- **Process & Emissions Detail**

Name: B008-BFG

Source Classification Code (SCC): 1-02-007-04

- **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
Process Gas	Burned	9247.30	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.02	% Sulfur content by weight

- **Process Emissions**

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM	PM-CON		emissions: ENG.			0	6.71	6.71	TONs	

Condensible Portion Only (All Less than 1 Micron)			JUDGEMENT							
SO2 - Sulfur Dioxide	SO2	X	emissions: STACK TEST			0	66.02	66.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: STACK TEST			0	5.29	5.29	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1162.11	1,162.11	TONs	
Total of Chargable Pollutants								72.45	TONS	

Emission Unit Summary: B009

Oct 9 2011, 16:08:59

Emissions Unit ID: B009

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.	6.85	6.85	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	66.04	66.04	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	12.33	12.33	TONs	
Organic Compounds	OC	X	0.	0.69	0.69	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.78	0.78	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.78	0.78	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.78	0.78	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.55	0.55	TONs	
Ammonia	NH3		0.	0.08	0.08	TONs	
CO - Carbon Monoxide	CO		0.	1,164.22	1,164.22	TONs	X
Total of Chargable Pollutants					79.84	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.	2.26395E-08	2.26395E-08	TONs
Acenaphthylene	208968	0.	2.26395E-08	2.26395E-08	TONs
Acetaldehyde	75070	0.	5.35203E-04	5.35203E-04	TONs
Acrolein	107028	0.	4.6094E-04	4.6094E-04	TONs
Anthracene	120127	0.	3.0186E-08	3.0186E-08	TONs
Arsenic	7440382	0.	5.031E-06	5.031E-06	TONs

Benz[A]Anthracene	56553	0.	2.26395E-08	2.26395E-08	TONs
Benzene	71432	0.	5.28255E-05	5.28255E-05	TONs
Benzo[A]Pyrene	50328	0.	1.5093E-08	1.5093E-08	TONs
Benzo[B]Fluoranthene	205992	0.	2.26395E-08	2.26395E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.5093E-08	1.5093E-08	TONs
Benzo[K]Fluoranthene	207089	0.	2.26395E-08	2.26395E-08	TONs
Beryllium	7440417	0.	1.5093E-07	1.5093E-07	TONs
Cadmium	7440439	0.	2.76705E-05	2.76705E-05	TONs
Chromium	7440473	0.	3.5217E-05	3.5217E-05	TONs
Chrysene	218019	0.	2.26395E-08	2.26395E-08	TONs
Cobalt	7440484	0.	2.11302E-06	2.11302E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.5093E-08	1.5093E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.0124E-07	2.0124E-07	TONs
Fluoranthene	206440	0.	7.5465E-08	7.5465E-08	TONs
Fluorene	86737	0.	7.0434E-08	7.0434E-08	TONs
Formaldehyde	50000	0.	0.00188662	0.00188662	TONs
Hexane, N-	110543	0.	0.045279	0.045279	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	2.26395E-08	2.26395E-08	TONs
MN - Manganese	7439965	0.	9.5589E-06	9.5589E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	6.5403E-06	6.5403E-06	TONs
Methylcholanthrene, 3-	56495	0.	2.26395E-08	2.26395E-08	TONs
Methylnaphthalene, 2-	91576	0.	6.0372E-07	6.0372E-07	TONs
Naphthalene	91203	0.	1.53446E-05	1.53446E-05	TONs
Nickel	7440020	0.	5.28255E-05	5.28255E-05	TONs
Phenanthrene	85018	0.	4.27635E-07	4.27635E-07	TONs
Polycyclic Organic Matter	246	0.	1.66195E-05	1.66195E-05	TONs
Pyrene	129000	0.	1.25775E-07	1.25775E-07	TONs
Selenium	7782492	0.	3.0186E-07	3.0186E-07	TONs
Toluene	108883	0.	8.5527E-05	8.5527E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: B009-BFG

Source Classification Code (SCC): 1-02-007-04

- 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
Process Gas	Burned	9247.30	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.02	% Sulfur content by weight

- 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	6.71	6.71	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: STACK TEST			0	66.02	66.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: STACK TEST			0	5.29	5.29	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
Pb - Lead	7439921	X	emissions:			0	0	0.	TONs	

			ENG. JUDGEMENT							
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1162.11	1,162.11	TONs	
Total of Chargable Pollutants								72.45	TONS	

- Process & Emissions Detail

Name: B009-NG

Source Classification Code (SCC): 1-03-006-01

- 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: 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	50.31	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	0.14	0.14	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	7.04	7.04	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.28	0.28	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	

Portion Only										
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.14	0.14	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	2.11	2.11	TONs	
Total of Chargable Pollutants								7.39	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.	2.26395E-08	2.26395E-08	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	5.35203E-04	5.35203E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	4.6094E-04	4.6094E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	3.0186E-08	3.0186E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	5.031E-06	5.031E-06	TONs	

Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	5.28255E-05	5.28255E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	1.5093E-07	1.5093E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	2.76705E-05	2.76705E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	3.5217E-05	3.5217E-05	TONs	
Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	2.11302E-06	2.11302E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.0124E-07	2.0124E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	7.5465E-08	7.5465E-08	TONs	

Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	7.0434E-08	7.0434E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00188662	0.00188662	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.045279	0.045279	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	9.5589E-06	9.5589E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	6.5403E-06	6.5403E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	6.0372E-07	6.0372E-07	TONs	
Naphthalene	91203	factor:OEPA (auto calculate)	0	6.1E-04	0.	1.53446E-05	1.53446E-05	TONs	
Nickel	7440020	factor:OEPA (auto calculate)	0	0.0021	0.	5.28255E-05	5.28255E-05	TONs	
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.7E-05	0.	4.27635E-07	4.27635E-07	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	6.60682E-04	0.	1.66195E-05	1.66195E-05	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	5E-06	0.	1.25775E-07	1.25775E-07	TONs	
Selenium	7782492	factor:OEP	0	1.2E-05	0.	3.0186E-07	3.0186E-07	TONs	

		A (auto calculate)							
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	8.5527E-05	8.5527E-05	TONs	

- Process & Emissions Detail

Name: B009-Oil

Source Classification Code (SCC): 1-03-004-01

- 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: 0

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Residual Oil	Burned	0	1000 GALLONS

Variable	Amount	Meaning
A		% Ash content by weight
S		% Sulfur content by weight

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Total of Chargable Pollutants								0.	TONS	

Emission Unit Summary: B010

Oct 9 2011, 16:08:59

Emissions Unit ID: B010

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.	6.85	6.85	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	66.04	66.04	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	12.33	12.33	TONs	
Organic Compounds	OC	X	0.	0.69	0.69	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.78	0.78	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.78	0.78	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.78	0.78	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.55	0.55	TONs	
Ammonia	NH3		0.	0.08	0.08	TONs	
CO - Carbon Monoxide	CO		0.	1,164.22	1,164.22	TONs	X
Total of Chargable Pollutants					79.84	TONS	

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Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Acenaphthene	83329	0.	2.26395E-08	2.26395E-08	TONs
Acenaphthylene	208968	0.	2.26395E-08	2.26395E-08	TONs
Acetaldehyde	75070	0.	5.35203E-04	5.35203E-04	TONs
Acrolein	107028	0.	4.6094E-04	4.6094E-04	TONs
Anthracene	120127	0.	3.0186E-08	3.0186E-08	TONs
Arsenic	7440382	0.	5.031E-06	5.031E-06	TONs

Benz[A]Anthracene	56553	0.	2.26395E-08	2.26395E-08	TONs
Benzene	71432	0.	5.28255E-05	5.28255E-05	TONs
Benzo[A]Pyrene	50328	0.	1.5093E-08	1.5093E-08	TONs
Benzo[B]Fluoranthene	205992	0.	2.26395E-08	2.26395E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.5093E-08	1.5093E-08	TONs
Benzo[K]Fluoranthene	207089	0.	2.26395E-08	2.26395E-08	TONs
Beryllium	7440417	0.	1.5093E-07	1.5093E-07	TONs
Cadmium	7440439	0.	2.76705E-05	2.76705E-05	TONs
Chromium	7440473	0.	3.5217E-05	3.5217E-05	TONs
Chrysene	218019	0.	2.26395E-08	2.26395E-08	TONs
Cobalt	7440484	0.	2.11302E-06	2.11302E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.5093E-08	1.5093E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.0124E-07	2.0124E-07	TONs
Fluoranthene	206440	0.	7.5465E-08	7.5465E-08	TONs
Fluorene	86737	0.	7.0434E-08	7.0434E-08	TONs
Formaldehyde	50000	0.	0.00188662	0.00188662	TONs
Hexane, N-	110543	0.	0.045279	0.045279	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	2.26395E-08	2.26395E-08	TONs
MN - Manganese	7439965	0.	9.5589E-06	9.5589E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	6.5403E-06	6.5403E-06	TONs
Methylcholanthrene, 3-	56495	0.	2.26395E-08	2.26395E-08	TONs
Methylnaphthalene, 2-	91576	0.	6.0372E-07	6.0372E-07	TONs
Naphthalene	91203	0.	1.53446E-05	1.53446E-05	TONs
Nickel	7440020	0.	5.28255E-05	5.28255E-05	TONs
Phenanthrene	85018	0.	4.27635E-07	4.27635E-07	TONs
Polycyclic Organic Matter	246	0.	1.66195E-05	1.66195E-05	TONs
Pyrene	129000	0.	1.25775E-07	1.25775E-07	TONs
Selenium	7782492	0.	3.0186E-07	3.0186E-07	TONs
Toluene	108883	0.	8.5527E-05	8.5527E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: B010-BFG

Source Classification Code (SCC): 1-02-007-04

- 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
Process Gas	Burned	9247.30	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.02	% Sulfur content by weight

- 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	6.71	6.71	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: STACK TEST			0	66.02	66.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: STACK TEST			0	5.29	5.29	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
Pb - Lead	7439921	X	emissions:			0	0	0.	TONs	

			ENG. JUDGEMENT							
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.73	0.73	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.41	0.41	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1162.11	1,162.11	TONs	
Total of Chargable Pollutants								72.45	TONS	

- Process & Emissions Detail

Name: B010-NG

Source Classification Code (SCC): 1-03-006-01

- 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: 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	50.31	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	0.14	0.14	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	7.04	7.04	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.28	0.28	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	

Portion Only										
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.14	0.14	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.08	0.08	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	2.11	2.11	TONs	
Total of Chargable Pollutants								7.39	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.	2.26395E-08	2.26395E-08	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	5.35203E-04	5.35203E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	4.6094E-04	4.6094E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	3.0186E-08	3.0186E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	5.031E-06	5.031E-06	TONs	

Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	5.28255E-05	5.28255E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	1.5093E-07	1.5093E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	2.76705E-05	2.76705E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	3.5217E-05	3.5217E-05	TONs	
Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	2.11302E-06	2.11302E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	1.5093E-08	1.5093E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.0124E-07	2.0124E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	7.5465E-08	7.5465E-08	TONs	

Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	7.0434E-08	7.0434E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00188662	0.00188662	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.045279	0.045279	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	9.5589E-06	9.5589E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	6.5403E-06	6.5403E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	2.26395E-08	2.26395E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	6.0372E-07	6.0372E-07	TONs	
Naphthalene	91203	factor:OEPA (auto calculate)	0	6.1E-04	0.	1.53446E-05	1.53446E-05	TONs	
Nickel	7440020	factor:OEPA (auto calculate)	0	0.0021	0.	5.28255E-05	5.28255E-05	TONs	
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.7E-05	0.	4.27635E-07	4.27635E-07	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	6.60682E-04	0.	1.66195E-05	1.66195E-05	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	5E-06	0.	1.25775E-07	1.25775E-07	TONs	
Selenium	7782492	factor:OEP	0	1.2E-05	0.	3.0186E-07	3.0186E-07	TONs	

		A (auto calculate)							
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	8.5527E-05	8.5527E-05	TONs	

- Process & Emissions Detail

Name: B010-Oil

Source Classification Code (SCC): 1-03-004-01

- 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: 0

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Residual Oil	Burned	0	1000 GALLONS

Variable	Amount	Meaning
A		% Ash content by weight
S		% Sulfur content by weight

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Total of Chargable Pollutants								0.	TONS	

Emission Unit Summary: B015

Oct 9 2011, 16:08:59

Emissions Unit ID: B015

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	4.20	4.2	TONs	
Organic Compounds	OC	X	0	0.46	0.46	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.32	0.32	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.32	0.32	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.32	0.32	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.23	0.23	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	3.53	3.53	TONs	
Total of Chargable Pollutants					5.01	TONS	

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Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Acenaphthene	83329	0.	3.78E-08	3.78E-08	TONs
Acenaphthylene	208968	0.	3.78E-08	3.78E-08	TONs
Acetaldehyde	75070	0.	6.49891E-04	6.49891E-04	TONs
Acrolein	107028	0.	7.69608E-04	7.69608E-04	TONs
Anthracene	120127	0.	5.04E-08	5.04E-08	TONs
Arsenic	7440382	0.	8.4E-06	8.4E-06	TONs

Benz[A]Anthracene	56553	0.	3.78E-08	3.78E-08	TONs
Benzene	71432	0.	8.82E-05	8.82E-05	TONs
Benzo[A]Pyrene	50328	0.	2.52E-08	2.52E-08	TONs
Benzo[B]Fluoranthene	205992	0.	3.78E-08	3.78E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	2.52E-08	2.52E-08	TONs
Benzo[K]Fluoranthene	207089	0.	3.78E-08	3.78E-08	TONs
Beryllium	7440417	0.	2.52E-07	2.52E-07	TONs
Cadmium	7440439	0.	4.62E-05	4.62E-05	TONs
Chromium	7440473	0.	5.88E-05	5.88E-05	TONs
Chrysene	218019	0.	3.78E-08	3.78E-08	TONs
Cobalt	7440484	0.	3.528E-06	3.528E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	2.52E-08	2.52E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	3.36E-07	3.36E-07	TONs
Fluoranthene	206440	0.	1.26E-07	1.26E-07	TONs
Fluorene	86737	0.	1.176E-07	1.176E-07	TONs
Formaldehyde	50000	0.	0.00315	0.00315	TONs
Hexane, N-	110543	0.	0.0756	0.0756	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	3.78E-08	3.78E-08	TONs
MN - Manganese	7439965	0.	1.596E-05	1.596E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.092E-05	1.092E-05	TONs
Methylcholanthrene, 3-	56495	0.	3.78E-08	3.78E-08	TONs
Methylnaphthalene, 2-	91576	0.	1.008E-06	1.008E-06	TONs
Naphthalene	91203	0.	2.562E-05	2.562E-05	TONs
Nickel	7440020	0.	8.82E-05	8.82E-05	TONs
Phenanthrene	85018	0.	7.14E-07	7.14E-07	TONs
Polycyclic Organic Matter	246	0.	2.77486E-05	2.77486E-05	TONs
Pyrene	129000	0.	2.1E-07	2.1E-07	TONs
Selenium	7782492	0.	5.04E-07	5.04E-07	TONs
Toluene	108883	0.	1.428E-04	1.428E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B015

Source Classification Code (SCC): 1-01-006-02

- 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	84	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	4.20	4.2	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.46	0.46	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	0.32	0.32	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.32	0.32	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.32	0.32	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.23	0.23	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	3.53	3.53	TONs	
Total of Chargable Pollutants								5.01	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.	3.78E-08	3.78E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	3.78E-08	3.78E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0154736	0.	6.49891E-04	6.49891E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	7.69608E-04	7.69608E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	5.04E-08	5.04E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	8.4E-06	8.4E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	3.78E-08	3.78E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	8.82E-05	8.82E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	2.52E-08	2.52E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	3.78E-08	3.78E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	2.52E-08	2.52E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	3.78E-08	3.78E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	2.52E-07	2.52E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	4.62E-05	4.62E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	5.88E-05	5.88E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	3.78E-08	3.78E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	3.528E-06	3.528E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	2.52E-08	2.52E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	3.36E-07	3.36E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.26E-07	1.26E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.176E-07	1.176E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00315	0.00315	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.0756	0.0756	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	3.78E-08	3.78E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	1.596E-05	1.596E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	1.092E-05	1.092E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	3.78E-08	3.78E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	1.008E-06	1.008E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	2.562E-05	2.562E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	8.82E-05	8.82E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	7.14E-07	7.14E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	0.	2.77486E-05	2.77486E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	2.1E-07	2.1E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	5.04E-07	5.04E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.428E-04	1.428E-04	TONs	

Emission Unit Summary: B016

Oct 9 2011, 16:08:59

Emissions Unit ID: B016

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	3.65	3.65	TONs	
Organic Compounds	OC	X	0	0.40	0.4	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	0.20	0.2	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	3.07	3.07	TONs	
Total of Chargable Pollutants					4.35	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.	3.285E-08	3.285E-08	TONs
Acenaphthylene	208968	0.	3.285E-08	3.285E-08	TONs
Acetaldehyde	75070	0.	5.64786E-04	5.64786E-04	TONs
Acrolein	107028	0.	6.68826E-04	6.68826E-04	TONs
Anthracene	120127	0.	4.38E-08	4.38E-08	TONs
Arsenic	7440382	0.	7.3E-06	7.3E-06	TONs

Benz[A]Anthracene	56553	0.	3.285E-08	3.285E-08	TONs
Benzene	71432	0.	7.665E-05	7.665E-05	TONs
Benzo[A]Pyrene	50328	0.	2.19E-08	2.19E-08	TONs
Benzo[B]Fluoranthene	205992	0.	3.285E-08	3.285E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	2.19E-08	2.19E-08	TONs
Benzo[K]Fluoranthene	207089	0.	3.285E-08	3.285E-08	TONs
Beryllium	7440417	0.	2.19E-07	2.19E-07	TONs
Cadmium	7440439	0.	4.015E-05	4.015E-05	TONs
Chromium	7440473	0.	5.11E-05	5.11E-05	TONs
Chrysene	218019	0.	3.285E-08	3.285E-08	TONs
Cobalt	7440484	0.	3.066E-06	3.066E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	2.19E-08	2.19E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.92E-07	2.92E-07	TONs
Fluoranthene	206440	0.	1.095E-07	1.095E-07	TONs
Fluorene	86737	0.	1.022E-07	1.022E-07	TONs
Formaldehyde	50000	0.	0.0027375	0.0027375	TONs
Hexane, N-	110543	0.	0.0657	0.0657	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	3.285E-08	3.285E-08	TONs
MN - Manganese	7439965	0.	1.387E-05	1.387E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	9.49E-06	9.49E-06	TONs
Methylcholanthrene, 3-	56495	0.	3.285E-08	3.285E-08	TONs
Methylnaphthalene, 2-	91576	0.	8.76E-07	8.76E-07	TONs
Naphthalene	91203	0.	2.2265E-05	2.2265E-05	TONs
Nickel	7440020	0.	7.665E-05	7.665E-05	TONs
Phenanthrene	85018	0.	6.205E-07	6.205E-07	TONs
Polycyclic Organic Matter	246	0.	2.41149E-05	2.41149E-05	TONs
Pyrene	129000	0.	1.825E-07	1.825E-07	TONs
Selenium	7782492	0.	4.38E-07	4.38E-07	TONs
Toluene	108883	0.	1.241E-04	1.241E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B016

Source Classification Code (SCC): 1-01-006-02

- 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	73	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	3.65	3.65	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.40	0.4	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	0.20	0.2	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	3.07	3.07	TONs	
Total of Chargable Pollutants								4.35	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.	3.285E-08	3.285E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	3.285E-08	3.285E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0154736	0.	5.64786E-04	5.64786E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	6.68826E-04	6.68826E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	4.38E-08	4.38E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	7.3E-06	7.3E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	3.285E-08	3.285E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	7.665E-05	7.665E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	2.19E-08	2.19E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	3.285E-08	3.285E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	2.19E-08	2.19E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	3.285E-08	3.285E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	2.19E-07	2.19E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	4.015E-05	4.015E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	5.11E-05	5.11E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	3.285E-08	3.285E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	3.066E-06	3.066E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	2.19E-08	2.19E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.92E-07	2.92E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.095E-07	1.095E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.022E-07	1.022E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.0027375	0.0027375	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.0657	0.0657	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	3.285E-08	3.285E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	1.387E-05	1.387E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	9.49E-06	9.49E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	3.285E-08	3.285E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	8.76E-07	8.76E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	2.2265E-05	2.2265E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	7.665E-05	7.665E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	6.205E-07	6.205E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	0.	2.41149E-05	2.41149E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.825E-07	1.825E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	4.38E-07	4.38E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.241E-04	1.241E-04	TONs	

Emission Unit Summary: B021

Oct 9 2011, 16:08:59

Emissions Unit ID: B021

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	1.04	1.04	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.11	0.11	TONs	
NOx - Nitrogen Oxides	NOX	X	0	18.22	18.22	TONs	
Organic Compounds	OC	X	0	2.00	2	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.35	0.35	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.35	0.35	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.35	0.35	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.00	1	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	15.31	15.31	TONs	
Total of Chargable Pollutants					20.68	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.	1.63984E-07	1.63984E-07	TONs
Acenaphthylene	208968	0.	1.63984E-07	1.63984E-07	TONs
Acetaldehyde	75070	0.	0.00387663	0.00387663	TONs
Acrolein	107028	0.	0.00333872	0.00333872	TONs
Anthracene	120127	0.	2.18646E-07	2.18646E-07	TONs
Arsenic	7440382	0.	3.6441E-05	3.6441E-05	TONs

Benz[A]Anthracene	56553	0.	1.63984E-07	1.63984E-07	TONs
Benzene	71432	0.	3.8263E-04	3.8263E-04	TONs
Benzo[A]Pyrene	50328	0.	1.09323E-07	1.09323E-07	TONs
Benzo[B]Fluoranthene	205992	0.	1.63984E-07	1.63984E-07	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.09323E-07	1.09323E-07	TONs
Benzo[K]Fluoranthene	207089	0.	1.63984E-07	1.63984E-07	TONs
Beryllium	7440417	0.	1.09323E-06	1.09323E-06	TONs
Cadmium	7440439	0.	2.00426E-04	2.00426E-04	TONs
Chromium	7440473	0.	2.55087E-04	2.55087E-04	TONs
Chrysene	218019	0.	1.63984E-07	1.63984E-07	TONs
Cobalt	7440484	0.	1.53052E-05	1.53052E-05	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.09323E-07	1.09323E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.45764E-06	1.45764E-06	TONs
Fluoranthene	206440	0.	5.46615E-07	5.46615E-07	TONs
Fluorene	86737	0.	5.10174E-07	5.10174E-07	TONs
Formaldehyde	50000	0.	0.0136654	0.0136654	TONs
Hexane, N-	110543	0.	0.327969	0.327969	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.63984E-07	1.63984E-07	TONs
MN - Manganese	7439965	0.	6.92379E-05	6.92379E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	4.73733E-05	4.73733E-05	TONs
Methylcholanthrene, 3-	56495	0.	1.63984E-07	1.63984E-07	TONs
Methylnaphthalene, 2-	91576	0.	4.37292E-06	4.37292E-06	TONs
Naphthalene	91203	0.	1.11145E-04	1.11145E-04	TONs
Nickel	7440020	0.	3.8263E-04	3.8263E-04	TONs
Phenanthrene	85018	0.	3.09748E-06	3.09748E-06	TONs
Polycyclic Organic Matter	246	0.	1.2038E-04	1.2038E-04	TONs
Pyrene	129000	0.	9.11025E-07	9.11025E-07	TONs
Selenium	7782492	0.	2.18646E-06	2.18646E-06	TONs
Toluene	108883	0.	6.19497E-04	6.19497E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B021-NG

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	364.41	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	1.04	1.04	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.11	0.11	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	18.22	18.22	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	2.00	2	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	0.35	0.35	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.35	0.35	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.35	0.35	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	1.00	1	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	15.31	15.31	TONs	
Total of Chargable Pollutants								20.68	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.	1.63984E-07	1.63984E-07	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.63984E-07	1.63984E-07	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	0.00387663	0.00387663	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	0.00333872	0.00333872	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	2.18646E-07	2.18646E-07	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	3.6441E-05	3.6441E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.63984E-07	1.63984E-07	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	3.8263E-04	3.8263E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	1.09323E-07	1.09323E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.63984E-07	1.63984E-07	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	1.09323E-07	1.09323E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.63984E-07	1.63984E-07	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	1.09323E-06	1.09323E-06	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	2.00426E-04	2.00426E-04	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	2.55087E-04	2.55087E-04	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.63984E-07	1.63984E-07	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.53052E-05	1.53052E-05	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	1.09323E-07	1.09323E-07	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.45764E-06	1.45764E-06	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	5.46615E-07	5.46615E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	5.10174E-07	5.10174E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.0136654	0.0136654	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.327969	0.327969	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.63984E-07	1.63984E-07	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	6.92379E-05	6.92379E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	4.73733E-05	4.73733E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.63984E-07	1.63984E-07	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	4.37292E-06	4.37292E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	1.11145E-04	1.11145E-04	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	3.8263E-04	3.8263E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	3.09748E-06	3.09748E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	0.	1.2038E-04	1.2038E-04	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	9.11025E-07	9.11025E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	2.18646E-06	2.18646E-06	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	6.19497E-04	6.19497E-04	TONs	

Emission Unit Summary: B022

Oct 9 2011, 16:08:59

Emissions Unit ID: B022

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	0.22	0.22	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	0	3.88	3.88	TONs	
Organic Compounds	OC	X	0	0.43	0.43	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.07	0.07	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.07	0.07	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.07	0.07	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.21	0.21	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	3.26	3.26	TONs	
Total of Chargable Pollutants					4.4	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.	3.492E-08	3.492E-08	TONs
Acenaphthylene	208968	0.	3.492E-08	3.492E-08	TONs
Acetaldehyde	75070	0.	8.25517E-04	8.25517E-04	TONs
Acrolein	107028	0.	7.10971E-04	7.10971E-04	TONs
Anthracene	120127	0.	4.656E-08	4.656E-08	TONs
Arsenic	7440382	0.	7.76E-06	7.76E-06	TONs

Benz[A]Anthracene	56553	0.	3.492E-08	3.492E-08	TONs
Benzene	71432	0.	8.148E-05	8.148E-05	TONs
Benzo[A]Pyrene	50328	0.	2.328E-08	2.328E-08	TONs
Benzo[B]Fluoranthene	205992	0.	3.492E-08	3.492E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	2.328E-08	2.328E-08	TONs
Benzo[K]Fluoranthene	207089	0.	3.492E-08	3.492E-08	TONs
Beryllium	7440417	0.	2.328E-07	2.328E-07	TONs
Cadmium	7440439	0.	4.268E-05	4.268E-05	TONs
Chromium	7440473	0.	5.432E-05	5.432E-05	TONs
Chrysene	218019	0.	3.492E-08	3.492E-08	TONs
Cobalt	7440484	0.	3.2592E-06	3.2592E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	2.328E-08	2.328E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	3.104E-07	3.104E-07	TONs
Fluoranthene	206440	0.	1.164E-07	1.164E-07	TONs
Fluorene	86737	0.	1.0864E-07	1.0864E-07	TONs
Formaldehyde	50000	0.	0.00291	0.00291	TONs
Hexane, N-	110543	0.	0.06984	0.06984	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	3.492E-08	3.492E-08	TONs
MN - Manganese	7439965	0.	1.4744E-05	1.4744E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.0088E-05	1.0088E-05	TONs
Methylcholanthrene, 3-	56495	0.	3.492E-08	3.492E-08	TONs
Methylnaphthalene, 2-	91576	0.	9.312E-07	9.312E-07	TONs
Naphthalene	91203	0.	2.3668E-05	2.3668E-05	TONs
Nickel	7440020	0.	8.148E-05	8.148E-05	TONs
Phenanthrene	85018	0.	6.596E-07	6.596E-07	TONs
Polycyclic Organic Matter	246	0.	2.56345E-05	2.56345E-05	TONs
Pyrene	129000	0.	1.94E-07	1.94E-07	TONs
Selenium	7782492	0.	4.656E-07	4.656E-07	TONs
Toluene	108883	0.	1.3192E-04	1.3192E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B022-NG

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	77.60	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	0.22	0.22	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	3.88	3.88	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.43	0.43	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	0.07	0.07	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.21	0.21	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	3.26	3.26	TONs	
Total of Chargable Pollutants								4.4	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.	3.492E-08	3.492E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	3.492E-08	3.492E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	8.25517E-04	8.25517E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	7.10971E-04	7.10971E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	4.656E-08	4.656E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	7.76E-06	7.76E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	3.492E-08	3.492E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	8.148E-05	8.148E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	2.328E-08	2.328E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	3.492E-08	3.492E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	2.328E-08	2.328E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	3.492E-08	3.492E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	2.328E-07	2.328E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	4.268E-05	4.268E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	5.432E-05	5.432E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	3.492E-08	3.492E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	3.2592E-06	3.2592E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	2.328E-08	2.328E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	3.104E-07	3.104E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.164E-07	1.164E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.0864E-07	1.0864E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.00291	0.00291	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.06984	0.06984	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	3.492E-08	3.492E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	1.4744E-05	1.4744E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	1.0088E-05	1.0088E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	3.492E-08	3.492E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	9.312E-07	9.312E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	2.3668E-05	2.3668E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	8.148E-05	8.148E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	6.596E-07	6.596E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	0.	2.56345E-05	2.56345E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.94E-07	1.94E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	4.656E-07	4.656E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	1.3192E-04	1.3192E-04	TONs	

Emission Unit Summary: B023

Oct 9 2011, 16:08:59

Emissions Unit ID: B023

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	1.12	1.12	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.12	0.12	TONs	
NOx - Nitrogen Oxides	NOX	X	0	19.65	19.65	TONs	
Organic Compounds	OC	X	0	2.16	2.16	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.37	0.37	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.37	0.37	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.37	0.37	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.08	1.08	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	16.51	16.51	TONs	
Total of Chargable Pollutants					22.3	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.	1.76886E-07	1.76886E-07	TONs
Acenaphthylene	208968	0.	1.76886E-07	1.76886E-07	TONs
Acetaldehyde	75070	0.	0.00418162	0.00418162	TONs
Acrolein	107028	0.	0.0036014	0.0036014	TONs
Anthracene	120127	0.	2.35848E-07	2.35848E-07	TONs
Arsenic	7440382	0.	3.9308E-05	3.9308E-05	TONs

Benz[A]Anthracene	56553	0.	1.76886E-07	1.76886E-07	TONs
Benzene	71432	0.	4.12734E-04	4.12734E-04	TONs
Benzo[A]Pyrene	50328	0.	1.17924E-07	1.17924E-07	TONs
Benzo[B]Fluoranthene	205992	0.	1.76886E-07	1.76886E-07	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.17924E-07	1.17924E-07	TONs
Benzo[K]Fluoranthene	207089	0.	1.76886E-07	1.76886E-07	TONs
Beryllium	7440417	0.	1.17924E-06	1.17924E-06	TONs
Cadmium	7440439	0.	2.16194E-04	2.16194E-04	TONs
Chromium	7440473	0.	2.75156E-04	2.75156E-04	TONs
Chrysene	218019	0.	1.76886E-07	1.76886E-07	TONs
Cobalt	7440484	0.	1.65094E-05	1.65094E-05	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.17924E-07	1.17924E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.57232E-06	1.57232E-06	TONs
Fluoranthene	206440	0.	5.8962E-07	5.8962E-07	TONs
Fluorene	86737	0.	5.50312E-07	5.50312E-07	TONs
Formaldehyde	50000	0.	0.0147405	0.0147405	TONs
Hexane, N-	110543	0.	0.353772	0.353772	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.76886E-07	1.76886E-07	TONs
MN - Manganese	7439965	0.	7.46852E-05	7.46852E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	5.11004E-05	5.11004E-05	TONs
Methylcholanthrene, 3-	56495	0.	1.76886E-07	1.76886E-07	TONs
Methylnaphthalene, 2-	91576	0.	4.71696E-06	4.71696E-06	TONs
Naphthalene	91203	0.	1.19889E-04	1.19889E-04	TONs
Nickel	7440020	0.	4.12734E-04	4.12734E-04	TONs
Phenanthrene	85018	0.	3.34118E-06	3.34118E-06	TONs
Polycyclic Organic Matter	246	0.	1.2985E-04	1.2985E-04	TONs
Pyrene	129000	0.	9.827E-07	9.827E-07	TONs
Selenium	7782492	0.	2.35848E-06	2.35848E-06	TONs
Toluene	108883	0.	6.68236E-04	6.68236E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B023-NG

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	393.08	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	1.12	1.12	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.12	0.12	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	19.65	19.65	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	2.16	2.16	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	0.37	0.37	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.37	0.37	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.37	0.37	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	1.08	1.08	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	16.51	16.51	TONs	
Total of Chargable Pollutants								22.3	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.	1.76886E-07	1.76886E-07	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.76886E-07	1.76886E-07	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	0.00418162	0.00418162	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	0.0036014	0.0036014	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	2.35848E-07	2.35848E-07	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	3.9308E-05	3.9308E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	1.76886E-07	1.76886E-07	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	4.12734E-04	4.12734E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	1.17924E-07	1.17924E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	1.76886E-07	1.76886E-07	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	1.17924E-07	1.17924E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	1.76886E-07	1.76886E-07	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	1.17924E-06	1.17924E-06	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	2.16194E-04	2.16194E-04	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	2.75156E-04	2.75156E-04	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	1.76886E-07	1.76886E-07	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	1.65094E-05	1.65094E-05	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	1.17924E-07	1.17924E-07	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.57232E-06	1.57232E-06	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	5.8962E-07	5.8962E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	5.50312E-07	5.50312E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.0147405	0.0147405	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.353772	0.353772	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.76886E-07	1.76886E-07	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	7.46852E-05	7.46852E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	5.11004E-05	5.11004E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.76886E-07	1.76886E-07	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	4.71696E-06	4.71696E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	1.19889E-04	1.19889E-04	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	4.12734E-04	4.12734E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	3.34118E-06	3.34118E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	0.	1.2985E-04	1.2985E-04	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	9.827E-07	9.827E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	2.35848E-06	2.35848E-06	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	6.68236E-04	6.68236E-04	TONs	

Emission Unit Summary: B026

Oct 9 2011, 16:08:59

Emissions Unit ID: B026

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	1.87	1.87	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0.20	0.2	TONs	
NOx - Nitrogen Oxides	NOX	X	0	32.77	32.77	TONs	
Organic Compounds	OC	X	0	3.60	3.6	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.62	0.62	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.62	0.62	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.62	0.62	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.80	1.8	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	27.53	27.53	TONs	
Total of Chargable Pollutants					37.19	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.	2.9493E-07	2.9493E-07	TONs
Acenaphthylene	208968	0.	2.9493E-07	2.9493E-07	TONs
Acetaldehyde	75070	0.	0.00697221	0.00697221	TONs
Acrolein	107028	0.	0.00600477	0.00600477	TONs
Anthracene	120127	0.	3.9324E-07	3.9324E-07	TONs
Arsenic	7440382	0.	6.554E-05	6.554E-05	TONs

Benz[A]Anthracene	56553	0.	2.9493E-07	2.9493E-07	TONs
Benzene	71432	0.	6.8817E-04	6.8817E-04	TONs
Benzo[A]Pyrene	50328	0.	1.9662E-07	1.9662E-07	TONs
Benzo[B]Fluoranthene	205992	0.	2.9493E-07	2.9493E-07	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.9662E-07	1.9662E-07	TONs
Benzo[K]Fluoranthene	207089	0.	2.9493E-07	2.9493E-07	TONs
Beryllium	7440417	0.	1.9662E-06	1.9662E-06	TONs
Cadmium	7440439	0.	3.6047E-04	3.6047E-04	TONs
Chromium	7440473	0.	4.5878E-04	4.5878E-04	TONs
Chrysene	218019	0.	2.9493E-07	2.9493E-07	TONs
Cobalt	7440484	0.	2.75268E-05	2.75268E-05	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.9662E-07	1.9662E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.6216E-06	2.6216E-06	TONs
Fluoranthene	206440	0.	9.831E-07	9.831E-07	TONs
Fluorene	86737	0.	9.1756E-07	9.1756E-07	TONs
Formaldehyde	50000	0.	0.0245775	0.0245775	TONs
Hexane, N-	110543	0.	0.58986	0.58986	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	2.9493E-07	2.9493E-07	TONs
MN - Manganese	7439965	0.	1.24526E-04	1.24526E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	8.5202E-05	8.5202E-05	TONs
Methylcholanthrene, 3-	56495	0.	2.9493E-07	2.9493E-07	TONs
Methylnaphthalene, 2-	91576	0.	7.8648E-06	7.8648E-06	TONs
Naphthalene	91203	0.	1.99897E-04	1.99897E-04	TONs
Nickel	7440020	0.	6.8817E-04	6.8817E-04	TONs
Phenanthrene	85018	0.	5.5709E-06	5.5709E-06	TONs
Polycyclic Organic Matter	246	0.	2.16505E-04	2.16505E-04	TONs
Pyrene	129000	0.	1.6385E-06	1.6385E-06	TONs
Selenium	7782492	0.	3.9324E-06	3.9324E-06	TONs
Toluene	108883	0.	0.00111418	0.00111418	TONs

- **Processes**

- Process & Emissions Detail

Name: B026-NG

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	655.40	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	1.87	1.87	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.20	0.2	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	32.77	32.77	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	3.60	3.6	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	0.62	0.62	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.62	0.62	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.62	0.62	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	1.80	1.8	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	27.53	27.53	TONs	
Total of Chargable Pollutants								37.19	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.	2.9493E-07	2.9493E-07	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	2.9493E-07	2.9493E-07	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	0.00697221	0.00697221	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	0.00600477	0.00600477	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	3.9324E-07	3.9324E-07	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	6.554E-05	6.554E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	2.9493E-07	2.9493E-07	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	6.8817E-04	6.8817E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	1.9662E-07	1.9662E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	2.9493E-07	2.9493E-07	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	1.9662E-07	1.9662E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	2.9493E-07	2.9493E-07	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	1.9662E-06	1.9662E-06	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	3.6047E-04	3.6047E-04	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	4.5878E-04	4.5878E-04	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	2.9493E-07	2.9493E-07	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	2.75268E-05	2.75268E-05	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	1.9662E-07	1.9662E-07	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	2.6216E-06	2.6216E-06	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	9.831E-07	9.831E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	9.1756E-07	9.1756E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.0245775	0.0245775	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	0.58986	0.58986	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	2.9493E-07	2.9493E-07	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	1.24526E-04	1.24526E-04	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	8.5202E-05	8.5202E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	2.9493E-07	2.9493E-07	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	7.8648E-06	7.8648E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	1.99897E-04	1.99897E-04	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	6.8817E-04	6.8817E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	5.5709E-06	5.5709E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	0.	2.16505E-04	2.16505E-04	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.6385E-06	1.6385E-06	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	3.9324E-06	3.9324E-06	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	0.00111418	0.00111418	TONs	

Emission Unit Summary: B027

Oct 9 2011, 16:08:59

Emissions Unit ID: B027

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		0.56	0	0.56	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.06	0	0.06	TONs	
NOx - Nitrogen Oxides	NOX	X	9.84	0	9.84	TONs	
Organic Compounds	OC	X	1.08	0	1.08	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.19	0	0.19	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.19	0	0.19	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.19	0	0.19	TONs	
VOC - Volatile Organic Compounds	VOC		0.54	0	0.54	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		8.26	0	8.26	TONs	
Total of Chargable Pollutants					11.17	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	8.85375E-08	0.	8.85375E-08	TONs
Acenaphthylene	208968	8.85375E-08	0.	8.85375E-08	TONs
Acetaldehyde	75070	0.00209305	0.	0.00209305	TONs
Acrolein	107028	0.00180262	0.	0.00180262	TONs
Anthracene	120127	1.1805E-07	0.	1.1805E-07	TONs
Arsenic	7440382	1.9675E-05	0.	1.9675E-05	TONs

Benz[A]Anthracene	56553	8.85375E-08	0.	8.85375E-08	TONs
Benzene	71432	2.06587E-04	0.	2.06587E-04	TONs
Benzo[A]Pyrene	50328	5.9025E-08	0.	5.9025E-08	TONs
Benzo[B]Fluoranthene	205992	8.85375E-08	0.	8.85375E-08	TONs
Benzo[G,H,I,]Perylene	191242	5.9025E-08	0.	5.9025E-08	TONs
Benzo[K]Fluoranthene	207089	8.85375E-08	0.	8.85375E-08	TONs
Beryllium	7440417	5.9025E-07	0.	5.9025E-07	TONs
Cadmium	7440439	1.08213E-04	0.	1.08213E-04	TONs
Chromium	7440473	1.37725E-04	0.	1.37725E-04	TONs
Chrysene	218019	8.85375E-08	0.	8.85375E-08	TONs
Cobalt	7440484	8.2635E-06	0.	8.2635E-06	TONs
Dibenzo[A,H]Anthracene	53703	5.9025E-08	0.	5.9025E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	7.87E-07	0.	7.87E-07	TONs
Fluoranthene	206440	2.95125E-07	0.	2.95125E-07	TONs
Fluorene	86737	2.7545E-07	0.	2.7545E-07	TONs
Formaldehyde	50000	0.00737812	0.	0.00737812	TONs
Hexane, N-	110543	0.177075	0.	0.177075	TONs
Indeno[1,2,3-C,D]Pyrene	193395	8.85375E-08	0.	8.85375E-08	TONs
MN - Manganese	7439965	3.73825E-05	0.	3.73825E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	2.55775E-05	0.	2.55775E-05	TONs
Methylcholanthrene, 3-	56495	8.85375E-08	0.	8.85375E-08	TONs
Methylnaphthalene, 2-	91576	2.361E-06	0.	2.361E-06	TONs
Naphthalene	91203	6.00088E-05	0.	6.00088E-05	TONs
Nickel	7440020	2.06587E-04	0.	2.06587E-04	TONs
Phenanthrene	85018	1.67238E-06	0.	1.67238E-06	TONs
Polycyclic Organic Matter	246	6.49946E-05	0.	6.49946E-05	TONs
Pyrene	129000	4.91875E-07	0.	4.91875E-07	TONs
Selenium	7782492	1.1805E-06	0.	1.1805E-06	TONs
Toluene	108883	3.34475E-04	0.	3.34475E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B027-NG

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	196.75	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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			0.56	0	0.56	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.06	0	0.06	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			9.84	0	9.84	TONs	
Organic Compounds	OC	X	emissions: ENG.			1.08	0	1.08	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			0.19	0	0.19	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.19	0	0.19	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.19	0	0.19	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.54	0	0.54	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			8.26	0	8.26	TONs	
Total of Chargable Pollutants								11.17	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	8.85375E-08	0.	8.85375E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.00209305	0.	0.00209305	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.00180262	0.	0.00180262	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	1.1805E-07	0.	1.1805E-07	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	1.9675E-05	0.	1.9675E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	2.06587E-04	0.	2.06587E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	5.9025E-07	0.	5.9025E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.08213E-04	0.	1.08213E-04	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.37725E-04	0.	1.37725E-04	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	8.2635E-06	0.	8.2635E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	7.87E-07	0.	7.87E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	2.95125E-07	0.	2.95125E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	2.7545E-07	0.	2.7545E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.00737812	0.	0.00737812	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.177075	0.	0.177075	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	3.73825E-05	0.	3.73825E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	2.55775E-05	0.	2.55775E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	2.361E-06	0.	2.361E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	6.00088E-05	0.	6.00088E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	2.06587E-04	0.	2.06587E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.67238E-06	0.	1.67238E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	6.49946E-05	0.	6.49946E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	4.91875E-07	0.	4.91875E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	1.1805E-06	0.	1.1805E-06	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	3.34475E-04	0.	3.34475E-04	TONs	

Emission Unit Summary: B028

Oct 9 2011, 16:08:59

Emissions Unit ID: B028

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		0.56	0	0.56	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.06	0	0.06	TONs	
NOx - Nitrogen Oxides	NOX	X	9.84	0	9.84	TONs	
Organic Compounds	OC	X	1.08	0	1.08	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.19	0	0.19	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.19	0	0.19	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.19	0	0.19	TONs	
VOC - Volatile Organic Compounds	VOC		0.54	0	0.54	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		8.26	0	8.26	TONs	
Total of Chargable Pollutants					11.17	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	8.85375E-08	0.	8.85375E-08	TONs
Acenaphthylene	208968	8.85375E-08	0.	8.85375E-08	TONs
Acetaldehyde	75070	0.00209305	0.	0.00209305	TONs
Acrolein	107028	0.00180262	0.	0.00180262	TONs
Anthracene	120127	1.1805E-07	0.	1.1805E-07	TONs
Arsenic	7440382	1.9675E-05	0.	1.9675E-05	TONs

Benz[A]Anthracene	56553	8.85375E-08	0.	8.85375E-08	TONs
Benzene	71432	2.06587E-04	0.	2.06587E-04	TONs
Benzo[A]Pyrene	50328	5.9025E-08	0.	5.9025E-08	TONs
Benzo[B]Fluoranthene	205992	8.85375E-08	0.	8.85375E-08	TONs
Benzo[G,H,I,]Perylene	191242	5.9025E-08	0.	5.9025E-08	TONs
Benzo[K]Fluoranthene	207089	8.85375E-08	0.	8.85375E-08	TONs
Beryllium	7440417	5.9025E-07	0.	5.9025E-07	TONs
Cadmium	7440439	1.08213E-04	0.	1.08213E-04	TONs
Chromium	7440473	1.37725E-04	0.	1.37725E-04	TONs
Chrysene	218019	8.85375E-08	0.	8.85375E-08	TONs
Cobalt	7440484	8.2635E-06	0.	8.2635E-06	TONs
Dibenzo[A,H]Anthracene	53703	5.9025E-08	0.	5.9025E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	7.87E-07	0.	7.87E-07	TONs
Fluoranthene	206440	2.95125E-07	0.	2.95125E-07	TONs
Fluorene	86737	2.7545E-07	0.	2.7545E-07	TONs
Formaldehyde	50000	0.00737812	0.	0.00737812	TONs
Hexane, N-	110543	0.177075	0.	0.177075	TONs
Indeno[1,2,3-C,D]Pyrene	193395	8.85375E-08	0.	8.85375E-08	TONs
MN - Manganese	7439965	3.73825E-05	0.	3.73825E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	2.55775E-05	0.	2.55775E-05	TONs
Methylcholanthrene, 3-	56495	8.85375E-08	0.	8.85375E-08	TONs
Methylnaphthalene, 2-	91576	2.361E-06	0.	2.361E-06	TONs
Naphthalene	91203	6.00088E-05	0.	6.00088E-05	TONs
Nickel	7440020	2.06587E-04	0.	2.06587E-04	TONs
Phenanthrene	85018	1.67238E-06	0.	1.67238E-06	TONs
Polycyclic Organic Matter	246	6.49946E-05	0.	6.49946E-05	TONs
Pyrene	129000	4.91875E-07	0.	4.91875E-07	TONs
Selenium	7782492	1.1805E-06	0.	1.1805E-06	TONs
Toluene	108883	3.34475E-04	0.	3.34475E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B028-NG

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	196.75	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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			0.56	0	0.56	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.06	0	0.06	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			9.84	0	9.84	TONs	
Organic Compounds	OC	X	emissions: ENG.			1.08	0	1.08	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			0.19	0	0.19	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.19	0	0.19	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.19	0	0.19	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.54	0	0.54	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			8.26	0	8.26	TONs	
Total of Chargable Pollutants								11.17	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	8.85375E-08	0.	8.85375E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.00209305	0.	0.00209305	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.00180262	0.	0.00180262	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	1.1805E-07	0.	1.1805E-07	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	1.9675E-05	0.	1.9675E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	2.06587E-04	0.	2.06587E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	5.9025E-07	0.	5.9025E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.08213E-04	0.	1.08213E-04	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.37725E-04	0.	1.37725E-04	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	8.2635E-06	0.	8.2635E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	7.87E-07	0.	7.87E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	2.95125E-07	0.	2.95125E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	2.7545E-07	0.	2.7545E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.00737812	0.	0.00737812	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.177075	0.	0.177075	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	3.73825E-05	0.	3.73825E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	2.55775E-05	0.	2.55775E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	2.361E-06	0.	2.361E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	6.00088E-05	0.	6.00088E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	2.06587E-04	0.	2.06587E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.67238E-06	0.	1.67238E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	6.49946E-05	0.	6.49946E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	4.91875E-07	0.	4.91875E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	1.1805E-06	0.	1.1805E-06	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	3.34475E-04	0.	3.34475E-04	TONs	

Emission Unit Summary: B029

Oct 9 2011, 16:08:59

Emissions Unit ID: B029

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		0.56	0	0.56	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.06	0	0.06	TONs	
NOx - Nitrogen Oxides	NOX	X	9.84	0	9.84	TONs	
Organic Compounds	OC	X	1.08	0	1.08	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.19	0	0.19	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.19	0	0.19	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.19	0	0.19	TONs	
VOC - Volatile Organic Compounds	VOC		0.54	0	0.54	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		8.26	0	8.26	TONs	
Total of Chargable Pollutants					11.17	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	8.85375E-08	0.	8.85375E-08	TONs
Acenaphthylene	208968	8.85375E-08	0.	8.85375E-08	TONs
Acetaldehyde	75070	0.00209305	0.	0.00209305	TONs
Acrolein	107028	0.00180262	0.	0.00180262	TONs
Anthracene	120127	1.1805E-07	0.	1.1805E-07	TONs
Arsenic	7440382	1.9675E-05	0.	1.9675E-05	TONs

Benz[A]Anthracene	56553	8.85375E-08	0.	8.85375E-08	TONs
Benzene	71432	2.06587E-04	0.	2.06587E-04	TONs
Benzo[A]Pyrene	50328	5.9025E-08	0.	5.9025E-08	TONs
Benzo[B]Fluoranthene	205992	8.85375E-08	0.	8.85375E-08	TONs
Benzo[G,H,I,]Perylene	191242	5.9025E-08	0.	5.9025E-08	TONs
Benzo[K]Fluoranthene	207089	8.85375E-08	0.	8.85375E-08	TONs
Beryllium	7440417	5.9025E-07	0.	5.9025E-07	TONs
Cadmium	7440439	1.08213E-04	0.	1.08213E-04	TONs
Chromium	7440473	1.37725E-04	0.	1.37725E-04	TONs
Chrysene	218019	8.85375E-08	0.	8.85375E-08	TONs
Cobalt	7440484	8.2635E-06	0.	8.2635E-06	TONs
Dibenzo[A,H]Anthracene	53703	5.9025E-08	0.	5.9025E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	7.87E-07	0.	7.87E-07	TONs
Fluoranthene	206440	2.95125E-07	0.	2.95125E-07	TONs
Fluorene	86737	2.7545E-07	0.	2.7545E-07	TONs
Formaldehyde	50000	0.00737812	0.	0.00737812	TONs
Hexane, N-	110543	0.177075	0.	0.177075	TONs
Indeno[1,2,3-C,D]Pyrene	193395	8.85375E-08	0.	8.85375E-08	TONs
MN - Manganese	7439965	3.73825E-05	0.	3.73825E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	2.55775E-05	0.	2.55775E-05	TONs
Methylcholanthrene, 3-	56495	8.85375E-08	0.	8.85375E-08	TONs
Methylnaphthalene, 2-	91576	2.361E-06	0.	2.361E-06	TONs
Naphthalene	91203	6.00088E-05	0.	6.00088E-05	TONs
Nickel	7440020	2.06587E-04	0.	2.06587E-04	TONs
Phenanthrene	85018	1.67238E-06	0.	1.67238E-06	TONs
Polycyclic Organic Matter	246	6.49946E-05	0.	6.49946E-05	TONs
Pyrene	129000	4.91875E-07	0.	4.91875E-07	TONs
Selenium	7782492	1.1805E-06	0.	1.1805E-06	TONs
Toluene	108883	3.34475E-04	0.	3.34475E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B029-NG

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	196.75	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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			0.56	0	0.56	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.06	0	0.06	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			9.84	0	9.84	TONs	
Organic Compounds	OC	X	emissions: ENG.			1.08	0	1.08	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			0.19	0	0.19	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.19	0	0.19	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.19	0	0.19	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.54	0	0.54	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			8.26	0	8.26	TONs	
Total of Chargable Pollutants								11.17	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	8.85375E-08	0.	8.85375E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.00209305	0.	0.00209305	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.00180262	0.	0.00180262	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	1.1805E-07	0.	1.1805E-07	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	1.9675E-05	0.	1.9675E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	2.06587E-04	0.	2.06587E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	5.9025E-07	0.	5.9025E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.08213E-04	0.	1.08213E-04	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.37725E-04	0.	1.37725E-04	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	8.2635E-06	0.	8.2635E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	7.87E-07	0.	7.87E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	2.95125E-07	0.	2.95125E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	2.7545E-07	0.	2.7545E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.00737812	0.	0.00737812	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.177075	0.	0.177075	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	3.73825E-05	0.	3.73825E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	2.55775E-05	0.	2.55775E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	2.361E-06	0.	2.361E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	6.00088E-05	0.	6.00088E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	2.06587E-04	0.	2.06587E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.67238E-06	0.	1.67238E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	6.49946E-05	0.	6.49946E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	4.91875E-07	0.	4.91875E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	1.1805E-06	0.	1.1805E-06	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	3.34475E-04	0.	3.34475E-04	TONs	

Emission Unit Summary: B030

Oct 9 2011, 16:08:59

Emissions Unit ID: B030

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		0.56	0	0.56	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.06	0	0.06	TONs	
NOx - Nitrogen Oxides	NOX	X	9.84	0	9.84	TONs	
Organic Compounds	OC	X	1.08	0	1.08	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.19	0	0.19	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.19	0	0.19	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.19	0	0.19	TONs	
VOC - Volatile Organic Compounds	VOC		0.54	0	0.54	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		8.26	0	8.26	TONs	
Total of Chargable Pollutants					11.17	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	8.85375E-08	0.	8.85375E-08	TONs
Acenaphthylene	208968	8.85375E-08	0.	8.85375E-08	TONs
Acetaldehyde	75070	0.00209305	0.	0.00209305	TONs
Acrolein	107028	0.00180262	0.	0.00180262	TONs
Anthracene	120127	1.1805E-07	0.	1.1805E-07	TONs
Arsenic	7440382	1.9675E-05	0.	1.9675E-05	TONs

Benz[A]Anthracene	56553	8.85375E-08	0.	8.85375E-08	TONs
Benzene	71432	2.06587E-04	0.	2.06587E-04	TONs
Benzo[A]Pyrene	50328	5.9025E-08	0.	5.9025E-08	TONs
Benzo[B]Fluoranthene	205992	8.85375E-08	0.	8.85375E-08	TONs
Benzo[G,H,I,]Perylene	191242	5.9025E-08	0.	5.9025E-08	TONs
Benzo[K]Fluoranthene	207089	8.85375E-08	0.	8.85375E-08	TONs
Beryllium	7440417	5.9025E-07	0.	5.9025E-07	TONs
Cadmium	7440439	1.08213E-04	0.	1.08213E-04	TONs
Chromium	7440473	1.37725E-04	0.	1.37725E-04	TONs
Chrysene	218019	8.85375E-08	0.	8.85375E-08	TONs
Cobalt	7440484	8.2635E-06	0.	8.2635E-06	TONs
Dibenzo[A,H]Anthracene	53703	5.9025E-08	0.	5.9025E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	7.87E-07	0.	7.87E-07	TONs
Fluoranthene	206440	2.95125E-07	0.	2.95125E-07	TONs
Fluorene	86737	2.7545E-07	0.	2.7545E-07	TONs
Formaldehyde	50000	0.00737812	0.	0.00737812	TONs
Hexane, N-	110543	0.177075	0.	0.177075	TONs
Indeno[1,2,3-C,D]Pyrene	193395	8.85375E-08	0.	8.85375E-08	TONs
MN - Manganese	7439965	3.73825E-05	0.	3.73825E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	2.55775E-05	0.	2.55775E-05	TONs
Methylcholanthrene, 3-	56495	8.85375E-08	0.	8.85375E-08	TONs
Methylnaphthalene, 2-	91576	2.361E-06	0.	2.361E-06	TONs
Naphthalene	91203	6.00088E-05	0.	6.00088E-05	TONs
Nickel	7440020	2.06587E-04	0.	2.06587E-04	TONs
Phenanthrene	85018	1.67238E-06	0.	1.67238E-06	TONs
Polycyclic Organic Matter	246	6.49946E-05	0.	6.49946E-05	TONs
Pyrene	129000	4.91875E-07	0.	4.91875E-07	TONs
Selenium	7782492	1.1805E-06	0.	1.1805E-06	TONs
Toluene	108883	3.34475E-04	0.	3.34475E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B030-NG

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	196.75	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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			0.56	0	0.56	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.06	0	0.06	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			9.84	0	9.84	TONs	
Organic Compounds	OC	X	emissions: ENG.			1.08	0	1.08	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			0.19	0	0.19	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.19	0	0.19	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.19	0	0.19	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.54	0	0.54	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			8.26	0	8.26	TONs	
Total of Chargable Pollutants								11.17	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	8.85375E-08	0.	8.85375E-08	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.00209305	0.	0.00209305	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.00180262	0.	0.00180262	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	1.1805E-07	0.	1.1805E-07	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	1.9675E-05	0.	1.9675E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	2.06587E-04	0.	2.06587E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	5.9025E-07	0.	5.9025E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.08213E-04	0.	1.08213E-04	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.37725E-04	0.	1.37725E-04	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	8.2635E-06	0.	8.2635E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	5.9025E-08	0.	5.9025E-08	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	7.87E-07	0.	7.87E-07	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	2.95125E-07	0.	2.95125E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	2.7545E-07	0.	2.7545E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.00737812	0.	0.00737812	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.177075	0.	0.177075	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	3.73825E-05	0.	3.73825E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	2.55775E-05	0.	2.55775E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	8.85375E-08	0.	8.85375E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	2.361E-06	0.	2.361E-06	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	6.00088E-05	0.	6.00088E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	2.06587E-04	0.	2.06587E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.67238E-06	0.	1.67238E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	6.49946E-05	0.	6.49946E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	4.91875E-07	0.	4.91875E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	1.1805E-06	0.	1.1805E-06	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	3.34475E-04	0.	3.34475E-04	TONs	

Emission Unit Summary: B031

Oct 9 2011, 16:08:59

Emissions Unit ID: B031

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		0.02	0	0.02	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.01	0	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0.43	0	0.43	TONs	
Organic Compounds	OC	X	0.05	0	0.05	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.01	0	0.01	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.01	0	0.01	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.01	0	0.01	TONs	
VOC - Volatile Organic Compounds	VOC		0.02	0	0.02	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0.36	0	0.36	TONs	
Total of Chargable Pollutants					0.5	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	3.852E-09	0.	3.852E-09	TONs
Acenaphthylene	208968	3.852E-09	0.	3.852E-09	TONs
Acetaldehyde	75070	9.10621E-05	0.	9.10621E-05	TONs
Acrolein	107028	7.84267E-05	0.	7.84267E-05	TONs
Anthracene	120127	5.136E-09	0.	5.136E-09	TONs
Arsenic	7440382	8.56E-07	0.	8.56E-07	TONs

Benz[A]Anthracene	56553	3.852E-09	0.	3.852E-09	TONs
Benzene	71432	8.988E-06	0.	8.988E-06	TONs
Benzo[A]Pyrene	50328	2.568E-09	0.	2.568E-09	TONs
Benzo[B]Fluoranthene	205992	3.852E-09	0.	3.852E-09	TONs
Benzo[G,H,I,]Perylene	191242	2.568E-09	0.	2.568E-09	TONs
Benzo[K]Fluoranthene	207089	3.852E-09	0.	3.852E-09	TONs
Beryllium	7440417	2.568E-08	0.	2.568E-08	TONs
Cadmium	7440439	4.708E-06	0.	4.708E-06	TONs
Chromium	7440473	5.992E-06	0.	5.992E-06	TONs
Chrysene	218019	3.852E-09	0.	3.852E-09	TONs
Cobalt	7440484	3.5952E-07	0.	3.5952E-07	TONs
Dibenzo[A,H]Anthracene	53703	2.568E-09	0.	2.568E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	3.424E-08	0.	3.424E-08	TONs
Fluoranthene	206440	1.284E-08	0.	1.284E-08	TONs
Fluorene	86737	1.1984E-08	0.	1.1984E-08	TONs
Formaldehyde	50000	3.21E-04	0.	3.21E-04	TONs
Hexane, N-	110543	0.007704	0.	0.007704	TONs
Indeno[1,2,3-C,D]Pyrene	193395	3.852E-09	0.	3.852E-09	TONs
MN - Manganese	7439965	1.6264E-06	0.	1.6264E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	1.1128E-06	0.	1.1128E-06	TONs
Methylcholanthrene, 3-	56495	3.852E-09	0.	3.852E-09	TONs
Methylnaphthalene, 2-	91576	1.0272E-07	0.	1.0272E-07	TONs
Naphthalene	91203	2.6108E-06	0.	2.6108E-06	TONs
Nickel	7440020	8.988E-06	0.	8.988E-06	TONs
Phenanthrene	85018	7.276E-08	0.	7.276E-08	TONs
Polycyclic Organic Matter	246	2.82772E-06	0.	2.82772E-06	TONs
Pyrene	129000	2.14E-08	0.	2.14E-08	TONs
Selenium	7782492	5.136E-08	0.	5.136E-08	TONs
Toluene	108883	1.4552E-05	0.	1.4552E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: B031-NG

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	8.56	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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			0.02	0	0.02	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.01	0	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.43	0	0.43	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.05	0	0.05	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			0.01	0	0.01	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.01	0	0.01	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.01	0	0.01	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.02	0	0.02	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.36	0	0.36	TONs	
Total of Chargable Pollutants								0.5	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	3.852E-09	0.	3.852E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	9.10621E-05	0.	9.10621E-05	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	7.84267E-05	0.	7.84267E-05	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	5.136E-09	0.	5.136E-09	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	8.56E-07	0.	8.56E-07	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	8.988E-06	0.	8.988E-06	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	2.568E-09	0.	2.568E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	2.568E-09	0.	2.568E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	2.568E-08	0.	2.568E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	4.708E-06	0.	4.708E-06	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	5.992E-06	0.	5.992E-06	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	3.5952E-07	0.	3.5952E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	2.568E-09	0.	2.568E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	3.424E-08	0.	3.424E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	1.284E-08	0.	1.284E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	1.1984E-08	0.	1.1984E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	3.21E-04	0.	3.21E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.007704	0.	0.007704	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	1.6264E-06	0.	1.6264E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	1.1128E-06	0.	1.1128E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	1.0272E-07	0.	1.0272E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	2.6108E-06	0.	2.6108E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	8.988E-06	0.	8.988E-06	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	7.276E-08	0.	7.276E-08	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	2.82772E-06	0.	2.82772E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	2.14E-08	0.	2.14E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	5.136E-08	0.	5.136E-08	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	1.4552E-05	0.	1.4552E-05	TONs	

Emission Unit Summary: B032

Oct 9 2011, 16:08:59

Emissions Unit ID: B032

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		0.02	0	0.02	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.01	0	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	0.43	0	0.43	TONs	
Organic Compounds	OC	X	0.05	0	0.05	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.01	0	0.01	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.01	0	0.01	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.01	0	0.01	TONs	
VOC - Volatile Organic Compounds	VOC		0.02	0	0.02	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0.36	0	0.36	TONs	
Total of Chargable Pollutants					0.5	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	3.852E-09	0.	3.852E-09	TONs
Acenaphthylene	208968	3.852E-09	0.	3.852E-09	TONs
Acetaldehyde	75070	9.10621E-05	0.	9.10621E-05	TONs
Acrolein	107028	7.84267E-05	0.	7.84267E-05	TONs
Anthracene	120127	5.136E-09	0.	5.136E-09	TONs
Arsenic	7440382	8.56E-07	0.	8.56E-07	TONs

Benz[A]Anthracene	56553	3.852E-09	0.	3.852E-09	TONs
Benzene	71432	8.988E-06	0.	8.988E-06	TONs
Benzo[A]Pyrene	50328	2.568E-09	0.	2.568E-09	TONs
Benzo[B]Fluoranthene	205992	3.852E-09	0.	3.852E-09	TONs
Benzo[G,H,I,]Perylene	191242	2.568E-09	0.	2.568E-09	TONs
Benzo[K]Fluoranthene	207089	3.852E-09	0.	3.852E-09	TONs
Beryllium	7440417	2.568E-08	0.	2.568E-08	TONs
Cadmium	7440439	4.708E-06	0.	4.708E-06	TONs
Chromium	7440473	5.992E-06	0.	5.992E-06	TONs
Chrysene	218019	3.852E-09	0.	3.852E-09	TONs
Cobalt	7440484	3.5952E-07	0.	3.5952E-07	TONs
Dibenzo[A,H]Anthracene	53703	2.568E-09	0.	2.568E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	3.424E-08	0.	3.424E-08	TONs
Fluoranthene	206440	1.284E-08	0.	1.284E-08	TONs
Fluorene	86737	1.1984E-08	0.	1.1984E-08	TONs
Formaldehyde	50000	3.21E-04	0.	3.21E-04	TONs
Hexane, N-	110543	0.007704	0.	0.007704	TONs
Indeno[1,2,3-C,D]Pyrene	193395	3.852E-09	0.	3.852E-09	TONs
MN - Manganese	7439965	1.6264E-06	0.	1.6264E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	1.1128E-06	0.	1.1128E-06	TONs
Methylcholanthrene, 3-	56495	3.852E-09	0.	3.852E-09	TONs
Methylnaphthalene, 2-	91576	1.0272E-07	0.	1.0272E-07	TONs
Naphthalene	91203	2.6108E-06	0.	2.6108E-06	TONs
Nickel	7440020	8.988E-06	0.	8.988E-06	TONs
Phenanthrene	85018	7.276E-08	0.	7.276E-08	TONs
Polycyclic Organic Matter	246	2.82772E-06	0.	2.82772E-06	TONs
Pyrene	129000	2.14E-08	0.	2.14E-08	TONs
Selenium	7782492	5.136E-08	0.	5.136E-08	TONs
Toluene	108883	1.4552E-05	0.	1.4552E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: B032-NG

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	8.56	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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			0.02	0	0.02	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.01	0	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.43	0	0.43	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.05	0	0.05	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			0.01	0	0.01	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.01	0	0.01	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.01	0	0.01	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.02	0	0.02	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.36	0	0.36	TONs	
Total of Chargable Pollutants								0.5	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	3.852E-09	0.	3.852E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	9.10621E-05	0.	9.10621E-05	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	7.84267E-05	0.	7.84267E-05	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	5.136E-09	0.	5.136E-09	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	8.56E-07	0.	8.56E-07	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	8.988E-06	0.	8.988E-06	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	2.568E-09	0.	2.568E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	2.568E-09	0.	2.568E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	2.568E-08	0.	2.568E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	4.708E-06	0.	4.708E-06	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	5.992E-06	0.	5.992E-06	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	3.5952E-07	0.	3.5952E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	2.568E-09	0.	2.568E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	3.424E-08	0.	3.424E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	1.284E-08	0.	1.284E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	1.1984E-08	0.	1.1984E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	3.21E-04	0.	3.21E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.007704	0.	0.007704	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	1.6264E-06	0.	1.6264E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	1.1128E-06	0.	1.1128E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	3.852E-09	0.	3.852E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	1.0272E-07	0.	1.0272E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	2.6108E-06	0.	2.6108E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	8.988E-06	0.	8.988E-06	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	7.276E-08	0.	7.276E-08	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	2.82772E-06	0.	2.82772E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	2.14E-08	0.	2.14E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	5.136E-08	0.	5.136E-08	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	1.4552E-05	0.	1.4552E-05	TONs	

Emission Unit Summary: B918

Oct 9 2011, 16:08:59

Emissions Unit ID: B918

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.	12.5	12.5	TONs	
SO2 - Sulfur Dioxide	SO2	X	42.82	636.92	679.74	TONs	X
NOx - Nitrogen Oxides	NOX	X	6.34	512.67	519.01	TONs	X
Organic Compounds	OC	X	32.97	115.68	148.65	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	7.04	136.22	143.26	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		6.04	120.38	126.42	TONs	X
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		5.62	104.31	109.93	TONs	
VOC - Volatile Organic Compounds	VOC		32.97	29.4	62.37	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		26.25	212.58	238.83	TONs	X
Total of Chargable Pollutants					1,490.66	TONS	

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Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Benzo[A]Pyrene	50328	3.43922E-04	0.00653452	0.00687844	TONs

- Processes

- Process & Emissions Detail

Name: B918-COG

Source Classification Code (SCC): 1-02-007-07

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Process Gas	Burned	2428.49	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.771	% Sulfur content by weight

- 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	636.60	636.6	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	510.64	510.64	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	115.21	115.21	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) -	PM-FIL	X	emissions:			0	0	0.	TONs	PM emissions covered under the underfiring section of B918.

Primary PM, Filterable Portion Only			ENG. JUDGEMENT							
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	29.27	29.27	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	211.73	211.73	TONs	
Total of Chargable Pollutants								1,262.45	TONS	

- Process & Emissions Detail

Name: B918-UF

Source Classification Code (SCC): 3-03-003-06

- 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
Coal	Charged	625206	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	12.50	12.5	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	20.94	20.94	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	20.09	20.09	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	19.58	19.58	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon	CO		emissions:			0	0	0.	TONs	

Monoxide			ENG. JUDGEMENT							
Total of Chargable Pollutants								20.94	TONS	

- Process & Emissions Detail

Name: B918-Wilputte

Source Classification Code (SCC): 3-03-003-99

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Coal	Charged	625206	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			42.82	0.01	42.83	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			6.34	0.01	6.35	TONs	
Organic	OC	X	emissions:			32.97	0.01	32.98	TONs	

Compounds			ENG. 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			7.04	115.28	122.32	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			6.04	100.29	106.33	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			5.62	84.73	90.35	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			32.97	0.01	32.98	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			26.25	0.01	26.26	TONs	
Total of Chargable Pollutants								204.48	TONS	

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- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	2.20038E-05	3.43922E-04	0.00653452	0.00687844	TONs	

- Process & Emissions Detail

Name: B918-BFG

Source Classification Code (SCC): 1-02-007-04

- 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
Process Gas	Burned	43.644	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.02	% Sulfur content by weight

- 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	0.31	0.31	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	2.02	2.02	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	0.46	0.46	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	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.12	0.12	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0.84	0.84	TONs	
Total of Chargable Pollutants								2.79	TONS	

Emission Unit Summary: F001

Oct 9 2011, 16:08:59

Emissions Unit ID: F001

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.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	0.	0.	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	82.67	0.	82.67	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		27.03	0.	27.03	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		27.03	0.	27.03	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.	0.	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					82.67	TONS	

- Processes

- Process & Emissions Detail

Name: F001-UPM

Source Classification Code (SCC): 3-03-008-32

- 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
Vehicle	Travelled	400000	MILES

- **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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			21.35	0	21.35	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			6.41	0	6.41	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			6.41	0	6.41	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								21.35	TONS	

- Process & Emissions Detail

Name: F001-P

Source Classification Code (SCC): 3-03-008-34

- 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
Vehicle	Travelled	1000000	MILES

- 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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			11.12	0	11.12	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			5.56	0	5.56	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			5.56	0	5.56	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								11.12	TONS	

- Process & Emissions Detail

Name: F001-UPH

Source Classification Code (SCC): 3-03-008-33

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day:	24	Winter (Dec - Feb)%:	25
Days Per Week:	7	Spring (March-May)%:	25
Weeks Per Year:	52	Summer (June-Aug)%:	25
Hours Per Year:	8760	Fall (Sept-Nov)%:	25

Material	Material Action	Throughput	X Units
Vehicle	Travelled	25000	MILES

- **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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			48.28	0	48.28	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			14.48	0	14.48	TONs	
PM2.5 (FILT) - Primary PM2.5,	PM25-FIL		emissions: ENG.			14.48	0	14.48	TONs	

Filterable Portion Only			JUDGEMENT							
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								48.28	TONS	

- Process & Emissions Detail

Name: F001-UPL

Source Classification Code (SCC): 3-03-008-31

- 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
Vehicle	Travelled	100000	MILES

- 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	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

(All Less than 1 Micron)										
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			1.92	0	1.92	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.58	0	0.58	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.58	0	0.58	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								1.92	TONS	

Emission Unit Summary: F002

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Emissions Unit ID: F002

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	278.0	0	278	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		55.6	0	55.6	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		55.6	0	55.6	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					278	TONS	

- Processes

- Process & Emissions Detail

Name: F002-RM Piles

Source Classification Code (SCC): 3-03-008-22

- 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
Material	Processed	4000000	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			278.0	0	278	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			55.6	0	55.6	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			55.6	0	55.6	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								278	TONS	

Emission Unit Summary: F003

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Emissions Unit ID: F003

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	18.76	18.76	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	18.76	18.76	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	18.76	18.76	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					18.76	TONS	

- Processes

- Process & Emissions Detail

Name: F003-Coal Hand

Source Classification Code (SCC): 3-03-003-07

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Coal	Charged	625206	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	18.76	18.76	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	18.76	18.76	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	18.76	18.76	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								18.76	TONS	

Emission Unit Summary: F004

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Emissions Unit ID: F004

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	52.52	52.52	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	52.52	52.52	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	52.52	52.52	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					52.52	TONS	

- Processes

- Process & Emissions Detail

Name: F004-SCoalHand

Source Classification Code (SCC): 3-03-003-07

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Coal	Charged	625206	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	52.52	52.52	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	52.52	52.52	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	52.52	52.52	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								52.52	TONS	

Emission Unit Summary: F005

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Emissions Unit ID: F005

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.01	10.51	10.52	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.01	10.51	10.52	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.01	10.51	10.52	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					10.52	TONS	

- Processes

- Process & Emissions Detail

Name: F005-CokeScreen

Source Classification Code (SCC): 3-03-003-12

- 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
Material	Processed	442857	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.01	10.51	10.52	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.01	10.51	10.52	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.01	10.51	10.52	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								10.52	TONS	

Emission Unit Summary: F008

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Emissions Unit ID: F008

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	126.56	0	126.56	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		12.66	0	12.66	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		12.66	0	12.66	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					126.56	TONS	

- Processes

- Process & Emissions Detail

Name: F008-OreScreen

Source Classification Code (SCC): 3-03-008-23

- 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
Material	Processed	3164058	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			126.56	0	126.56	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			12.66	0	12.66	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			12.66	0	12.66	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								126.56	TONS	

Emission Unit Summary: F010

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Emissions Unit ID: F010

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	197.75	0	197.75	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		19.78	0	19.78	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		19.78	0	19.78	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					197.75	TONS	

- Processes

- Process & Emissions Detail

Name: F010-OreUnload

Source Classification Code (SCC): 3-03-008-27

- 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
Ore	Transferred	3164058	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			197.75	0	197.75	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			19.78	0	19.78	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			19.78	0	19.78	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								197.75	TONS	

Emission Unit Summary: F011

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Emissions Unit ID: F011

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

- Processes

- Process & Emissions Detail

Name: F011-BOF Deslagger

Source Classification Code (SCC): 3-03-009-23

- 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
Material	Produced	2156308	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	This source is now controlled by the BOF Secondary Emissions Control Baghouse.
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

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

Emission Unit Summary: F012

Oct 9 2011, 16:08:59

Emissions Unit ID: F012

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	89.14	0	89.14	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		8.91	0	8.91	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		8.91	0	8.91	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					89.14	TONS	

- Processes

- Process & Emissions Detail

Name: F012-BFRMHand

Source Classification Code (SCC): 3-03-009-23

- 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
Material	Produced	4457046	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			89.14	0	89.14	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			8.91	0	8.91	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			8.91	0	8.91	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								89.14	TONS	

Emission Unit Summary: F015

Oct 9 2011, 16:08:59

Emissions Unit ID: F015

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	20.54	0	20.54	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		20.54	0	20.54	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		20.54	0	20.54	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					20.54	TONS	

- Processes

- Process & Emissions Detail

Name: F015-ScarfSlit

Source Classification Code (SCC): 3-03-009-32

- 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
Material	Produced	153665	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			20.54	0	20.54	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			20.54	0	20.54	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			20.54	0	20.54	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								20.54	TONS	

Emission Unit Summary: F021

Oct 9 2011, 16:08:59

Emissions Unit ID: F021

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
Total of Chargable Pollutants					0.	TONS	

- Processes

- Process & Emissions Detail

Name: F021-BackupQuench

Source Classification Code (SCC): 3-03-003-04

- 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: 0

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Coal	Charged	0	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Total of Chargable Pollutants								0.	TONS	

Emission Unit Summary: F025

Oct 9 2011, 16:08:59

Emissions Unit ID: F025

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.40	0	0.4	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.20	0	0.2	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.20	0	0.2	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.4	TONS	

- Processes

- Process & Emissions Detail

Name: F025-BSkimmer

Source Classification Code (SCC): 3-03-009-23

- 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: 200

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	105774	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.40	0	0.4	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.20	0	0.2	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.20	0	0.2	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								0.4	TONS	

Emission Unit Summary: G001

Oct 9 2011, 16:08:59

Emissions Unit ID: G001

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0.19	0	0.19	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0.19	0	0.19	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.19	TONS	

- Processes

- Process & Emissions Detail

Name: G001-Gasoline

Source Classification Code (SCC): 4-06-001-63

- 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
Gasoline	Transferred	122445	1000 GALLONS

- **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: ENG. JUDGEMENT			0.19	0	0.19	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.19	0	0.19	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								0.19	TONS	

Emission Unit Summary: P009

Oct 9 2011, 16:08:59

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.	9.51	9.51	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	201.41	201.41	TONs	X
NOx - Nitrogen Oxides	NOX	X	0.	391.06	391.06	TONs	X
Organic Compounds	OC	X	0.	14.59	14.59	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	5.07	5.07	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	5	5	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	4.91	4.91	TONs	
VOC - Volatile Organic Compounds	VOC		0.	7.54	7.54	TONs	
Ammonia	NH3		0.	4.13	4.13	TONs	
CO - Carbon Monoxide	CO		0.	114.88	114.88	TONs	X
Total of Chargable Pollutants					612.13	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.	1.90058E-06	1.90058E-06	TONs
Acenaphthylene	208968	0.	1.16343E-06	1.16343E-06	TONs
Acetaldehyde	75070	0.	0.0272922	0.0272922	TONs
Acrolein	107028	0.	0.0235052	0.0235052	TONs
Anthracene	120127	0.	1.58245E-06	1.58245E-06	TONs
Antimony	7440360	0.	1.8564E-04	1.8564E-04	TONs

Arsenic	7440382	0.	3.03226E-04	3.03226E-04	TONs
Benz[A]Anthracene	56553	0.	1.29627E-06	1.29627E-06	TONs
Benzene	71432	0.	0.00270136	0.00270136	TONs
Benzo[A]Pyrene	50328	0.	7.69653E-07	7.69653E-07	TONs
Benzo[B+K]Fluoranthene	102	0.	5.23328E-08	5.23328E-08	TONs
Benzo[B]Fluoranthene	205992	0.	1.15448E-06	1.15448E-06	TONs
Benzo[G,H,I,]Perylene	191242	0.	8.49567E-07	8.49567E-07	TONs
Benzo[K]Fluoranthene	207089	0.	1.15448E-06	1.15448E-06	TONs
Beryllium	7440417	0.	8.67954E-06	8.67954E-06	TONs
Cadmium	7440439	0.	0.0014251	0.0014251	TONs
Chromium	7440473	0.	0.00182574	0.00182574	TONs
Chromium (VI)	18540299	0.	8.76928E-06	8.76928E-06	TONs
Chrysene	218019	0.	1.23864E-06	1.23864E-06	TONs
Cobalt	7440484	0.	3.20618E-04	3.20618E-04	TONs
Dibenzo[A,H]Anthracene	53703	0.	8.28704E-07	8.28704E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0262E-05	1.0262E-05	TONs
Ethyl Benzene	100414	0.	2.2489E-06	2.2489E-06	TONs
Fluoranthene	206440	0.	4.0194E-06	4.0194E-06	TONs
Fluorene	86737	0.	3.74977E-06	3.74977E-06	TONs
Formaldehyde	50000	0.	0.0968608	0.0968608	TONs
Hexane, N-	110543	0.	2.30896	2.30896	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.23015E-06	1.23015E-06	TONs
MN - Manganese	7439965	0.	5.93527E-04	5.93527E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.37512E-04	3.37512E-04	TONs
Methyl Chloroform (1,1,1-Trichloroethane)	71556	0.	8.34496E-06	8.34496E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.15448E-06	1.15448E-06	TONs
Methylnaphthalene, 2-	91576	0.	3.07861E-05	3.07861E-05	TONs
Naphthalene	91203	0.	8.22438E-04	8.22438E-04	TONs
Nickel	7440020	0.	0.00568171	0.00568171	TONs
Octachlorodibenzo-P-Dioxin	3268879	0.	1.09616E-10	1.09616E-10	TONs
Phenanthrene	85018	0.	2.21781E-05	2.21781E-05	TONs

Phosphorus	7723140	0.	3.34506E-04	3.34506E-04	TONs
Polycyclic Organic Matter	246	0.	8.51029E-04	8.51029E-04	TONs
Pyrene	129000	0.	6.56406E-06	6.56406E-06	TONs
Selenium	7782492	0.	3.9544E-05	3.9544E-05	TONs
Toluene	108883	0.	0.0045806	0.0045806	TONs
Xylene, O-	95476	0.	3.85424E-06	3.85424E-06	TONs
Xylenes (Isomers and Mixture)	1330207	0.	2.652E-04	2.652E-04	TONs

- Processes

- Process & Emissions Detail

Name: P009-COG

Source Classification Code (SCC): 1-02-007-07

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Process Gas	Burned	755.64	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.771	% Sulfur content by weight

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible	PM-CON		emissions: ENG. JUDGEMENT			0	2.15	2.15	TONs	

Portion Only (All Less than 1 Micron)										
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	198.08	198.08	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	30.23	30.23	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.45	0.45	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.45	0.45	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	6.95	6.95	TONs	
Total of Chargable Pollutants								231.1	TONS	

- **Process & Emissions Detail**

Name: P009-NG

Source Classification Code (SCC): 1-03-006-01

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day:	24	Winter (Dec - Feb)%:	25
Days Per Week:	7	Spring (March-May)%:	25
Weeks Per Year:	52	Summer (June-Aug)%:	25
Hours Per Year:	8760	Fall (Sept-Nov)%:	25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	2565.51	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	7.31	7.31	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.77	0.77	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	359.17	359.17	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	14.11	14.11	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	7.06	7.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	4.10	4.1	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	107.75	107.75	TONs	
Total of Chargable Pollutants								376.49	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.	1.15448E-06	1.15448E-06	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Acetaldehyde	75070	factor:OEP	0	0.021276	0.	0.0272922	0.0272922	TONs	

		A (auto calculate)		2					
Acrolein	107028	factor:OEP A (auto calculate)	0	0.018324	0.	0.0235052	0.0235052	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	0	1.2E-06	0.	1.53931E-06	1.53931E-06	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	0	2E-04	0.	2.56551E-04	2.56551E-04	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Benzene	71432	factor:OEP A (auto calculate)	0	0.0021	0.	0.00269379	0.00269379	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	0	6E-06	0.	7.69653E-06	7.69653E-06	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	0	0.0011	0.	0.00141103	0.00141103	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	0	0.0014	0.	0.00179586	0.00179586	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Cobalt	7440484	factor:OEP	0	8.4E-05	0.	1.07751E-04	1.07751E-04	TONs	

		A (auto calculate)							
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	0	8E-06	0.	1.0262E-05	1.0262E-05	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	0	3E-06	0.	3.84826E-06	3.84826E-06	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	0	2.8E-06	0.	3.59171E-06	3.59171E-06	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	0	0.075	0.	0.0962066	0.0962066	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	0	1.8	0.	2.30896	2.30896	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	0	3.8E-04	0.	4.87447E-04	4.87447E-04	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	0	2.6E-04	0.	3.33516E-04	3.33516E-04	TONs	
Methylcholanthrene, 3-	56495	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Methylnaphthalene, 2-	91576	factor:OEP A (auto calculate)	0	2.4E-05	0.	3.07861E-05	3.07861E-05	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	0	6.1E-04	0.	7.82481E-04	7.82481E-04	TONs	
Nickel	7440020	factor:OEP A (auto	0	0.0021	0.	0.00269379	0.00269379	TONs	

		calculate)							
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.7E-05	0.	2.18068E-05	2.18068E-05	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	6.60682E-04	0.	8.47493E-04	8.47493E-04	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	5E-06	0.	6.41378E-06	6.41378E-06	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	0	1.2E-05	0.	1.53931E-05	1.53931E-05	TONs	
Toluene	108883	factor:OEPA (auto calculate)	0	0.0034	0.	0.00436137	0.00436137	TONs	

- Process & Emissions Detail

Name: P009-Oil

Source Classification Code (SCC): 1-03-004-01

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Residual Oil	Burned	70.72	1000 GALLONS

Variable	Amount	Meaning
A	0.89	% Ash content by weight
S	0.461	% Sulfur content by weight

- **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	0.05	0.05	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	2.56	2.56	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.66	1.66	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.29	0.29	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.22	0.22	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	0.03	0.03	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon	CO		emissions:			0	0.18	0.18	TONs	

Monoxide			ENG. JUDGEMENT							
Total of Chargable Pollutants								4.54	TONS	

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- **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	2.11E-05	0.	7.46096E-07	7.46096E-07	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	2.53E-07	0.	8.94608E-09	8.94608E-09	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.22E-06	0.	4.31392E-08	4.31392E-08	TONs	
Antimony	7440360	factor:OEPA (auto calculate)	0	0.00525	0.	1.8564E-04	1.8564E-04	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	0.00132	0.	4.66752E-05	4.66752E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	4.01E-06	0.	1.41794E-07	1.41794E-07	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	2.14E-04	0.	7.56704E-06	7.56704E-06	TONs	
Benzo[B+K]Fluoranthene	102	factor:OEPA (auto calculate)	0	1.48E-06	0.	5.23328E-08	5.23328E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto	0	2.26E-06	0.	7.99136E-08	7.99136E-08	TONs	

		calculate)							
Beryllium	7440417	factor:OEPA (auto calculate)	0	2.78E-05	0.	9.83008E-07	9.83008E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	3.98E-04	0.	1.40733E-05	1.40733E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	8.45E-04	0.	2.98792E-05	2.98792E-05	TONs	
Chromium (VI)	18540299	factor:OEPA (auto calculate)	0	2.48E-04	0.	8.76928E-06	8.76928E-06	TONs	
Chrysene	218019	factor:OEPA (auto calculate)	0	2.38E-06	0.	8.41568E-08	8.41568E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	0.00602	0.	2.12867E-04	2.12867E-04	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	1.67E-06	0.	5.90512E-08	5.90512E-08	TONs	
Ethyl Benzene	100414	factor:OEPA (auto calculate)	0	6.36E-05	0.	2.2489E-06	2.2489E-06	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	4.84E-06	0.	1.71142E-07	1.71142E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	4.47E-06	0.	1.58059E-07	1.58059E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.0185	0.	6.5416E-04	6.5416E-04	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	2.14E-06	0.	7.56704E-08	7.56704E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	0.003	0.	1.0608E-04	1.0608E-04	TONs	
Mercury, as HG; Alkyl & Aryl	7439976	factor:OEPA (auto	0	1.13E-04	0.	3.99568E-06	3.99568E-06	TONs	

CMPNDS; Elemental & Inorganic Forms		calculate)							
Methyl Chloroform (1,1,1-Trichloroethane)	71556	factor:OEPA (auto calculate)	0	2.36E-04	0.	8.34496E-06	8.34496E-06	TONs	
Naphthalene	91203	factor:OEPA (auto calculate)	0	0.00113	0.	3.99568E-05	3.99568E-05	TONs	
Nickel	7440020	factor:OEPA (auto calculate)	0	0.0845	0.	0.00298792	0.00298792	TONs	
Octachlorodibenzo-P-Dioxin	3268879	factor:OEPA (auto calculate)	0	3.1E-09	0.	1.09616E-10	1.09616E-10	TONs	
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.05E-05	0.	3.7128E-07	3.7128E-07	TONs	
Phosphorus	7723140	factor:OEPA (auto calculate)	0	0.00946	0.	3.34506E-04	3.34506E-04	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	1E-04	0.	3.536E-06	3.536E-06	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	4.25E-06	0.	1.5028E-07	1.5028E-07	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	0	6.83E-04	0.	2.41509E-05	2.41509E-05	TONs	
Toluene	108883	factor:OEPA (auto calculate)	0	0.0062	0.	2.19232E-04	2.19232E-04	TONs	
Xylene, O-	95476	factor:OEPA (auto calculate)	0	1.09E-04	0.	3.85424E-06	3.85424E-06	TONs	
Xylenes (Isomers and Mixture)	1330207	factor:OEPA (auto calculate)	0	0.0075	0.	2.652E-04	2.652E-04	TONs	

Emission Unit Summary: P010

Oct 9 2011, 16:08:59

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.	9.51	9.51	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	201.41	201.41	TONs	X
NOx - Nitrogen Oxides	NOX	X	0.	391.06	391.06	TONs	X
Organic Compounds	OC	X	0.	14.59	14.59	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	5.07	5.07	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	5	5	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	4.91	4.91	TONs	
VOC - Volatile Organic Compounds	VOC		0.	7.54	7.54	TONs	
Ammonia	NH3		0.	4.13	4.13	TONs	
CO - Carbon Monoxide	CO		0.	114.88	114.88	TONs	X
Total of Chargable Pollutants					612.13	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.	1.90058E-06	1.90058E-06	TONs
Acenaphthylene	208968	0.	1.16343E-06	1.16343E-06	TONs
Acetaldehyde	75070	0.	0.0272922	0.0272922	TONs
Acrolein	107028	0.	0.0235052	0.0235052	TONs
Anthracene	120127	0.	1.58245E-06	1.58245E-06	TONs
Antimony	7440360	0.	1.8564E-04	1.8564E-04	TONs

Arsenic	7440382	0.	3.03226E-04	3.03226E-04	TONs
Benz[A]Anthracene	56553	0.	1.29627E-06	1.29627E-06	TONs
Benzene	71432	0.	0.00270136	0.00270136	TONs
Benzo[A]Pyrene	50328	0.	7.69653E-07	7.69653E-07	TONs
Benzo[B+K]Fluoranthene	102	0.	5.23328E-08	5.23328E-08	TONs
Benzo[B]Fluoranthene	205992	0.	1.15448E-06	1.15448E-06	TONs
Benzo[G,H,I,]Perylene	191242	0.	8.49567E-07	8.49567E-07	TONs
Benzo[K]Fluoranthene	207089	0.	1.15448E-06	1.15448E-06	TONs
Beryllium	7440417	0.	8.67954E-06	8.67954E-06	TONs
Cadmium	7440439	0.	0.0014251	0.0014251	TONs
Chromium	7440473	0.	0.00182574	0.00182574	TONs
Chromium (VI)	18540299	0.	8.76928E-06	8.76928E-06	TONs
Chrysene	218019	0.	1.23864E-06	1.23864E-06	TONs
Cobalt	7440484	0.	3.20618E-04	3.20618E-04	TONs
Dibenzo[A,H]Anthracene	53703	0.	8.28704E-07	8.28704E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0262E-05	1.0262E-05	TONs
Ethyl Benzene	100414	0.	2.2489E-06	2.2489E-06	TONs
Fluoranthene	206440	0.	4.0194E-06	4.0194E-06	TONs
Fluorene	86737	0.	3.74977E-06	3.74977E-06	TONs
Formaldehyde	50000	0.	0.0968608	0.0968608	TONs
Hexane, N-	110543	0.	2.30896	2.30896	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.23015E-06	1.23015E-06	TONs
MN - Manganese	7439965	0.	5.93527E-04	5.93527E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.37512E-04	3.37512E-04	TONs
Methyl Chloroform (1,1,1-Trichloroethane)	71556	0.	8.34496E-06	8.34496E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.15448E-06	1.15448E-06	TONs
Methylnaphthalene, 2-	91576	0.	3.07861E-05	3.07861E-05	TONs
Naphthalene	91203	0.	8.22438E-04	8.22438E-04	TONs
Nickel	7440020	0.	0.00568171	0.00568171	TONs
Octachlorodibenzo-P-Dioxin	3268879	0.	1.09616E-10	1.09616E-10	TONs
Phenanthrene	85018	0.	2.21781E-05	2.21781E-05	TONs

Phosphorus	7723140	0.	3.34506E-04	3.34506E-04	TONs
Polycyclic Organic Matter	246	0.	8.51029E-04	8.51029E-04	TONs
Pyrene	129000	0.	6.56406E-06	6.56406E-06	TONs
Selenium	7782492	0.	3.9544E-05	3.9544E-05	TONs
Toluene	108883	0.	0.0045806	0.0045806	TONs
Xylene, O-	95476	0.	3.85424E-06	3.85424E-06	TONs
Xylenes (Isomers and Mixture)	1330207	0.	2.652E-04	2.652E-04	TONs

- Processes

- Process & Emissions Detail

Name: P010-COG

Source Classification Code (SCC): 1-02-007-07

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Process Gas	Burned	755.64	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.771	% Sulfur content by weight

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible	PM-CON		emissions: ENG. JUDGEMENT			0	2.15	2.15	TONs	

Portion Only (All Less than 1 Micron)										
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	198.08	198.08	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	30.23	30.23	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.45	0.45	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.45	0.45	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	6.95	6.95	TONs	
Total of Chargable Pollutants								231.1	TONS	

- **Process & Emissions Detail**

Name: P010-NG

Source Classification Code (SCC): 1-03-006-01

- 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: 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	2565.51	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	7.31	7.31	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.77	0.77	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	359.17	359.17	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	14.11	14.11	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	7.06	7.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	4.10	4.1	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	107.75	107.75	TONs	
Total of Chargable Pollutants								376.49	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.	1.15448E-06	1.15448E-06	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Acetaldehyde	75070	factor:OEP	0	0.021276	0.	0.0272922	0.0272922	TONs	

		A (auto calculate)		2					
Acrolein	107028	factor:OEP A (auto calculate)	0	0.018324	0.	0.0235052	0.0235052	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	0	1.2E-06	0.	1.53931E-06	1.53931E-06	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	0	2E-04	0.	2.56551E-04	2.56551E-04	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Benzene	71432	factor:OEP A (auto calculate)	0	0.0021	0.	0.00269379	0.00269379	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	0	6E-06	0.	7.69653E-06	7.69653E-06	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	0	0.0011	0.	0.00141103	0.00141103	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	0	0.0014	0.	0.00179586	0.00179586	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Cobalt	7440484	factor:OEP	0	8.4E-05	0.	1.07751E-04	1.07751E-04	TONs	

		A (auto calculate)							
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	0	8E-06	0.	1.0262E-05	1.0262E-05	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	0	3E-06	0.	3.84826E-06	3.84826E-06	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	0	2.8E-06	0.	3.59171E-06	3.59171E-06	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	0	0.075	0.	0.0962066	0.0962066	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	0	1.8	0.	2.30896	2.30896	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	0	3.8E-04	0.	4.87447E-04	4.87447E-04	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	0	2.6E-04	0.	3.33516E-04	3.33516E-04	TONs	
Methylcholanthrene, 3-	56495	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Methylnaphthalene, 2-	91576	factor:OEP A (auto calculate)	0	2.4E-05	0.	3.07861E-05	3.07861E-05	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	0	6.1E-04	0.	7.82481E-04	7.82481E-04	TONs	
Nickel	7440020	factor:OEP A (auto	0	0.0021	0.	0.00269379	0.00269379	TONs	

		calculate)							
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.7E-05	0.	2.18068E-05	2.18068E-05	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	6.60682E-04	0.	8.47493E-04	8.47493E-04	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	5E-06	0.	6.41378E-06	6.41378E-06	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	0	1.2E-05	0.	1.53931E-05	1.53931E-05	TONs	
Toluene	108883	factor:OEPA (auto calculate)	0	0.0034	0.	0.00436137	0.00436137	TONs	

- Process & Emissions Detail

Name: P010-Oil

Source Classification Code (SCC): 1-03-004-01

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Residual Oil	Burned	70.72	1000 GALLONS

Variable	Amount	Meaning
A	0.89	% Ash content by weight
S	0.461	% Sulfur content by weight

- **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	0.05	0.05	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	2.56	2.56	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.66	1.66	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.29	0.29	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.22	0.22	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	0.03	0.03	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon	CO		emissions:			0	0.18	0.18	TONs	

Monoxide			ENG. JUDGEMENT							
Total of Chargable Pollutants								4.54	TONS	

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- **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	2.11E-05	0.	7.46096E-07	7.46096E-07	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	2.53E-07	0.	8.94608E-09	8.94608E-09	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.22E-06	0.	4.31392E-08	4.31392E-08	TONs	
Antimony	7440360	factor:OEPA (auto calculate)	0	0.00525	0.	1.8564E-04	1.8564E-04	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	0.00132	0.	4.66752E-05	4.66752E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	4.01E-06	0.	1.41794E-07	1.41794E-07	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	2.14E-04	0.	7.56704E-06	7.56704E-06	TONs	
Benzo[B+K]Fluoranthene	102	factor:OEPA (auto calculate)	0	1.48E-06	0.	5.23328E-08	5.23328E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto	0	2.26E-06	0.	7.99136E-08	7.99136E-08	TONs	

		calculate)							
Beryllium	7440417	factor:OEPA (auto calculate)	0	2.78E-05	0.	9.83008E-07	9.83008E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	3.98E-04	0.	1.40733E-05	1.40733E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	8.45E-04	0.	2.98792E-05	2.98792E-05	TONs	
Chromium (VI)	18540299	factor:OEPA (auto calculate)	0	2.48E-04	0.	8.76928E-06	8.76928E-06	TONs	
Chrysene	218019	factor:OEPA (auto calculate)	0	2.38E-06	0.	8.41568E-08	8.41568E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	0.00602	0.	2.12867E-04	2.12867E-04	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	1.67E-06	0.	5.90512E-08	5.90512E-08	TONs	
Ethyl Benzene	100414	factor:OEPA (auto calculate)	0	6.36E-05	0.	2.2489E-06	2.2489E-06	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	4.84E-06	0.	1.71142E-07	1.71142E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	4.47E-06	0.	1.58059E-07	1.58059E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.0185	0.	6.5416E-04	6.5416E-04	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	2.14E-06	0.	7.56704E-08	7.56704E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	0.003	0.	1.0608E-04	1.0608E-04	TONs	
Mercury, as HG; Alkyl & Aryl	7439976	factor:OEPA (auto	0	1.13E-04	0.	3.99568E-06	3.99568E-06	TONs	

CMPNDS; Elemental & Inorganic Forms		calculate)							
Methyl Chloroform (1,1,1-Trichloroethane)	71556	factor:OEPA (auto calculate)	0	2.36E-04	0.	8.34496E-06	8.34496E-06	TONs	
Naphthalene	91203	factor:OEPA (auto calculate)	0	0.00113	0.	3.99568E-05	3.99568E-05	TONs	
Nickel	7440020	factor:OEPA (auto calculate)	0	0.0845	0.	0.00298792	0.00298792	TONs	
Octachlorodibenzo-P-Dioxin	3268879	factor:OEPA (auto calculate)	0	3.1E-09	0.	1.09616E-10	1.09616E-10	TONs	
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.05E-05	0.	3.7128E-07	3.7128E-07	TONs	
Phosphorus	7723140	factor:OEPA (auto calculate)	0	0.00946	0.	3.34506E-04	3.34506E-04	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	1E-04	0.	3.536E-06	3.536E-06	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	4.25E-06	0.	1.5028E-07	1.5028E-07	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	0	6.83E-04	0.	2.41509E-05	2.41509E-05	TONs	
Toluene	108883	factor:OEPA (auto calculate)	0	0.0062	0.	2.19232E-04	2.19232E-04	TONs	
Xylene, O-	95476	factor:OEPA (auto calculate)	0	1.09E-04	0.	3.85424E-06	3.85424E-06	TONs	
Xylenes (Isomers and Mixture)	1330207	factor:OEPA (auto calculate)	0	0.0075	0.	2.652E-04	2.652E-04	TONs	

Emission Unit Summary: P011

Oct 9 2011, 16:08:59

Emissions Unit ID: P011

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.	9.51	9.51	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	201.41	201.41	TONs	X
NOx - Nitrogen Oxides	NOX	X	0.	391.06	391.06	TONs	X
Organic Compounds	OC	X	0.	14.59	14.59	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	5.07	5.07	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	5	5	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	4.91	4.91	TONs	
VOC - Volatile Organic Compounds	VOC		0.	7.54	7.54	TONs	
Ammonia	NH3		0.	4.13	4.13	TONs	
CO - Carbon Monoxide	CO		0.	114.88	114.88	TONs	X
Total of Chargable Pollutants					612.13	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.	1.90058E-06	1.90058E-06	TONs
Acenaphthylene	208968	0.	1.16343E-06	1.16343E-06	TONs
Acetaldehyde	75070	0.	0.0272922	0.0272922	TONs
Acrolein	107028	0.	0.0235052	0.0235052	TONs
Anthracene	120127	0.	1.58245E-06	1.58245E-06	TONs
Antimony	7440360	0.	1.8564E-04	1.8564E-04	TONs

Arsenic	7440382	0.	3.03226E-04	3.03226E-04	TONs
Benz[A]Anthracene	56553	0.	1.29627E-06	1.29627E-06	TONs
Benzene	71432	0.	0.00270136	0.00270136	TONs
Benzo[A]Pyrene	50328	0.	7.69653E-07	7.69653E-07	TONs
Benzo[B+K]Fluoranthene	102	0.	5.23328E-08	5.23328E-08	TONs
Benzo[B]Fluoranthene	205992	0.	1.15448E-06	1.15448E-06	TONs
Benzo[G,H,I,]Perylene	191242	0.	8.49567E-07	8.49567E-07	TONs
Benzo[K]Fluoranthene	207089	0.	1.15448E-06	1.15448E-06	TONs
Beryllium	7440417	0.	8.67954E-06	8.67954E-06	TONs
Cadmium	7440439	0.	0.0014251	0.0014251	TONs
Chromium	7440473	0.	0.00182574	0.00182574	TONs
Chromium (VI)	18540299	0.	8.76928E-06	8.76928E-06	TONs
Chrysene	218019	0.	1.23864E-06	1.23864E-06	TONs
Cobalt	7440484	0.	3.20618E-04	3.20618E-04	TONs
Dibenzo[A,H]Anthracene	53703	0.	8.28704E-07	8.28704E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0262E-05	1.0262E-05	TONs
Ethyl Benzene	100414	0.	2.2489E-06	2.2489E-06	TONs
Fluoranthene	206440	0.	4.0194E-06	4.0194E-06	TONs
Fluorene	86737	0.	3.74977E-06	3.74977E-06	TONs
Formaldehyde	50000	0.	0.0968608	0.0968608	TONs
Hexane, N-	110543	0.	2.30896	2.30896	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.23015E-06	1.23015E-06	TONs
MN - Manganese	7439965	0.	5.93527E-04	5.93527E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.37512E-04	3.37512E-04	TONs
Methyl Chloroform (1,1,1-Trichloroethane)	71556	0.	8.34496E-06	8.34496E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.15448E-06	1.15448E-06	TONs
Methylnaphthalene, 2-	91576	0.	3.07861E-05	3.07861E-05	TONs
Naphthalene	91203	0.	8.22438E-04	8.22438E-04	TONs
Nickel	7440020	0.	0.00568171	0.00568171	TONs
Octachlorodibenzo-P-Dioxin	3268879	0.	1.09616E-10	1.09616E-10	TONs
Phenanthrene	85018	0.	2.21781E-05	2.21781E-05	TONs

Phosphorus	7723140	0.	3.34506E-04	3.34506E-04	TONs
Polycyclic Organic Matter	246	0.	8.51029E-04	8.51029E-04	TONs
Pyrene	129000	0.	6.56406E-06	6.56406E-06	TONs
Selenium	7782492	0.	3.9544E-05	3.9544E-05	TONs
Toluene	108883	0.	0.0045806	0.0045806	TONs
Xylene, O-	95476	0.	3.85424E-06	3.85424E-06	TONs
Xylenes (Isomers and Mixture)	1330207	0.	2.652E-04	2.652E-04	TONs

- Processes

- Process & Emissions Detail

Name: P011-COG

Source Classification Code (SCC): 1-02-007-07

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Process Gas	Burned	755.64	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.771	% Sulfur content by weight

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible	PM-CON		emissions: ENG. JUDGEMENT			0	2.15	2.15	TONs	

Portion Only (All Less than 1 Micron)										
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	198.08	198.08	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	30.23	30.23	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.45	0.45	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.45	0.45	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	6.95	6.95	TONs	
Total of Chargable Pollutants								231.1	TONS	

- **Process & Emissions Detail**

Name: P011-NG

Source Classification Code (SCC): 1-03-006-01

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day:	24	Winter (Dec - Feb)%:	25
Days Per Week:	7	Spring (March-May)%:	25
Weeks Per Year:	52	Summer (June-Aug)%:	25
Hours Per Year:	8760	Fall (Sept-Nov)%:	25

Material	Material Action	Throughput	X Units
Natural Gas	Burned	2565.51	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	7.31	7.31	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.77	0.77	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	359.17	359.17	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	14.11	14.11	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	7.06	7.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	4.10	4.1	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	107.75	107.75	TONs	
Total of Chargable Pollutants								376.49	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.	1.15448E-06	1.15448E-06	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Acetaldehyde	75070	factor:OEP	0	0.021276	0.	0.0272922	0.0272922	TONs	

		A (auto calculate)		2					
Acrolein	107028	factor:OEP A (auto calculate)	0	0.018324	0.	0.0235052	0.0235052	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	0	1.2E-06	0.	1.53931E-06	1.53931E-06	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	0	2E-04	0.	2.56551E-04	2.56551E-04	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Benzene	71432	factor:OEP A (auto calculate)	0	0.0021	0.	0.00269379	0.00269379	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	0	6E-06	0.	7.69653E-06	7.69653E-06	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	0	0.0011	0.	0.00141103	0.00141103	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	0	0.0014	0.	0.00179586	0.00179586	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Cobalt	7440484	factor:OEP	0	8.4E-05	0.	1.07751E-04	1.07751E-04	TONs	

		A (auto calculate)							
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	0	8E-06	0.	1.0262E-05	1.0262E-05	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	0	3E-06	0.	3.84826E-06	3.84826E-06	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	0	2.8E-06	0.	3.59171E-06	3.59171E-06	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	0	0.075	0.	0.0962066	0.0962066	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	0	1.8	0.	2.30896	2.30896	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	0	3.8E-04	0.	4.87447E-04	4.87447E-04	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	0	2.6E-04	0.	3.33516E-04	3.33516E-04	TONs	
Methylcholanthrene, 3-	56495	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Methylnaphthalene, 2-	91576	factor:OEP A (auto calculate)	0	2.4E-05	0.	3.07861E-05	3.07861E-05	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	0	6.1E-04	0.	7.82481E-04	7.82481E-04	TONs	
Nickel	7440020	factor:OEP A (auto	0	0.0021	0.	0.00269379	0.00269379	TONs	

		calculate)							
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.7E-05	0.	2.18068E-05	2.18068E-05	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	6.60682E-04	0.	8.47493E-04	8.47493E-04	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	5E-06	0.	6.41378E-06	6.41378E-06	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	0	1.2E-05	0.	1.53931E-05	1.53931E-05	TONs	
Toluene	108883	factor:OEPA (auto calculate)	0	0.0034	0.	0.00436137	0.00436137	TONs	

- Process & Emissions Detail

Name: P011-Oil

Source Classification Code (SCC): 1-03-004-01

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Residual Oil	Burned	70.72	1000 GALLONS

Variable	Amount	Meaning
A	0.89	% Ash content by weight
S	0.461	% Sulfur content by weight

- **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	0.05	0.05	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	2.56	2.56	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.66	1.66	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.29	0.29	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.22	0.22	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	0.03	0.03	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon	CO		emissions:			0	0.18	0.18	TONs	

Monoxide			ENG. JUDGEMENT							
Total of Chargable Pollutants								4.54	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	2.11E-05	0.	7.46096E-07	7.46096E-07	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	2.53E-07	0.	8.94608E-09	8.94608E-09	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.22E-06	0.	4.31392E-08	4.31392E-08	TONs	
Antimony	7440360	factor:OEPA (auto calculate)	0	0.00525	0.	1.8564E-04	1.8564E-04	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	0.00132	0.	4.66752E-05	4.66752E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	4.01E-06	0.	1.41794E-07	1.41794E-07	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	2.14E-04	0.	7.56704E-06	7.56704E-06	TONs	
Benzo[B+K]Fluoranthene	102	factor:OEPA (auto calculate)	0	1.48E-06	0.	5.23328E-08	5.23328E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto	0	2.26E-06	0.	7.99136E-08	7.99136E-08	TONs	

		calculate)							
Beryllium	7440417	factor:OEPA (auto calculate)	0	2.78E-05	0.	9.83008E-07	9.83008E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	3.98E-04	0.	1.40733E-05	1.40733E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	8.45E-04	0.	2.98792E-05	2.98792E-05	TONs	
Chromium (VI)	18540299	factor:OEPA (auto calculate)	0	2.48E-04	0.	8.76928E-06	8.76928E-06	TONs	
Chrysene	218019	factor:OEPA (auto calculate)	0	2.38E-06	0.	8.41568E-08	8.41568E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	0.00602	0.	2.12867E-04	2.12867E-04	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	1.67E-06	0.	5.90512E-08	5.90512E-08	TONs	
Ethyl Benzene	100414	factor:OEPA (auto calculate)	0	6.36E-05	0.	2.2489E-06	2.2489E-06	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	4.84E-06	0.	1.71142E-07	1.71142E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	4.47E-06	0.	1.58059E-07	1.58059E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.0185	0.	6.5416E-04	6.5416E-04	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	2.14E-06	0.	7.56704E-08	7.56704E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	0.003	0.	1.0608E-04	1.0608E-04	TONs	
Mercury, as HG; Alkyl & Aryl	7439976	factor:OEPA (auto	0	1.13E-04	0.	3.99568E-06	3.99568E-06	TONs	

CMPNDS; Elemental & Inorganic Forms		calculate)							
Methyl Chloroform (1,1,1-Trichloroethane)	71556	factor:OEPA (auto calculate)	0	2.36E-04	0.	8.34496E-06	8.34496E-06	TONs	
Naphthalene	91203	factor:OEPA (auto calculate)	0	0.00113	0.	3.99568E-05	3.99568E-05	TONs	
Nickel	7440020	factor:OEPA (auto calculate)	0	0.0845	0.	0.00298792	0.00298792	TONs	
Octachlorodibenzo-P-Dioxin	3268879	factor:OEPA (auto calculate)	0	3.1E-09	0.	1.09616E-10	1.09616E-10	TONs	
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.05E-05	0.	3.7128E-07	3.7128E-07	TONs	
Phosphorus	7723140	factor:OEPA (auto calculate)	0	0.00946	0.	3.34506E-04	3.34506E-04	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	1E-04	0.	3.536E-06	3.536E-06	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	4.25E-06	0.	1.5028E-07	1.5028E-07	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	0	6.83E-04	0.	2.41509E-05	2.41509E-05	TONs	
Toluene	108883	factor:OEPA (auto calculate)	0	0.0062	0.	2.19232E-04	2.19232E-04	TONs	
Xylene, O-	95476	factor:OEPA (auto calculate)	0	1.09E-04	0.	3.85424E-06	3.85424E-06	TONs	
Xylenes (Isomers and Mixture)	1330207	factor:OEPA (auto calculate)	0	0.0075	0.	2.652E-04	2.652E-04	TONs	

Emission Unit Summary: P012

Oct 9 2011, 16:08:59

Emissions Unit ID: P012

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.	9.51	9.51	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	201.41	201.41	TONs	X
NOx - Nitrogen Oxides	NOX	X	0.	391.06	391.06	TONs	X
Organic Compounds	OC	X	0.	14.59	14.59	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	5.07	5.07	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	5	5	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	4.91	4.91	TONs	
VOC - Volatile Organic Compounds	VOC		0.	7.54	7.54	TONs	
Ammonia	NH3		0.	4.13	4.13	TONs	
CO - Carbon Monoxide	CO		0.	114.88	114.88	TONs	X
Total of Chargable Pollutants					612.13	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.	1.90058E-06	1.90058E-06	TONs
Acenaphthylene	208968	0.	1.16343E-06	1.16343E-06	TONs
Acetaldehyde	75070	0.	0.0272922	0.0272922	TONs
Acrolein	107028	0.	0.0235052	0.0235052	TONs
Anthracene	120127	0.	1.58245E-06	1.58245E-06	TONs
Antimony	7440360	0.	1.8564E-04	1.8564E-04	TONs

Arsenic	7440382	0.	3.03226E-04	3.03226E-04	TONs
Benz[A]Anthracene	56553	0.	1.29627E-06	1.29627E-06	TONs
Benzene	71432	0.	0.00270136	0.00270136	TONs
Benzo[A]Pyrene	50328	0.	7.69653E-07	7.69653E-07	TONs
Benzo[B+K]Fluoranthene	102	0.	5.23328E-08	5.23328E-08	TONs
Benzo[B]Fluoranthene	205992	0.	1.15448E-06	1.15448E-06	TONs
Benzo[G,H,I,]Perylene	191242	0.	8.49567E-07	8.49567E-07	TONs
Benzo[K]Fluoranthene	207089	0.	1.15448E-06	1.15448E-06	TONs
Beryllium	7440417	0.	8.67954E-06	8.67954E-06	TONs
Cadmium	7440439	0.	0.0014251	0.0014251	TONs
Chromium	7440473	0.	0.00182574	0.00182574	TONs
Chromium (VI)	18540299	0.	8.76928E-06	8.76928E-06	TONs
Chrysene	218019	0.	1.23864E-06	1.23864E-06	TONs
Cobalt	7440484	0.	3.20618E-04	3.20618E-04	TONs
Dibenzo[A,H]Anthracene	53703	0.	8.28704E-07	8.28704E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.0262E-05	1.0262E-05	TONs
Ethyl Benzene	100414	0.	2.2489E-06	2.2489E-06	TONs
Fluoranthene	206440	0.	4.0194E-06	4.0194E-06	TONs
Fluorene	86737	0.	3.74977E-06	3.74977E-06	TONs
Formaldehyde	50000	0.	0.0968608	0.0968608	TONs
Hexane, N-	110543	0.	2.30896	2.30896	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.23015E-06	1.23015E-06	TONs
MN - Manganese	7439965	0.	5.93527E-04	5.93527E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	3.37512E-04	3.37512E-04	TONs
Methyl Chloroform (1,1,1-Trichloroethane)	71556	0.	8.34496E-06	8.34496E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.15448E-06	1.15448E-06	TONs
Methylnaphthalene, 2-	91576	0.	3.07861E-05	3.07861E-05	TONs
Naphthalene	91203	0.	8.22438E-04	8.22438E-04	TONs
Nickel	7440020	0.	0.00568171	0.00568171	TONs
Octachlorodibenzo-P-Dioxin	3268879	0.	1.09616E-10	1.09616E-10	TONs
Phenanthrene	85018	0.	2.21781E-05	2.21781E-05	TONs

Phosphorus	7723140	0.	3.34506E-04	3.34506E-04	TONs
Polycyclic Organic Matter	246	0.	8.51029E-04	8.51029E-04	TONs
Pyrene	129000	0.	6.56406E-06	6.56406E-06	TONs
Selenium	7782492	0.	3.9544E-05	3.9544E-05	TONs
Toluene	108883	0.	0.0045806	0.0045806	TONs
Xylene, O-	95476	0.	3.85424E-06	3.85424E-06	TONs
Xylenes (Isomers and Mixture)	1330207	0.	2.652E-04	2.652E-04	TONs

- Processes

- Process & Emissions Detail

Name: P012-COG

Source Classification Code (SCC): 1-02-007-07

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Process Gas	Burned	755.64	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.771	% Sulfur content by weight

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible	PM-CON		emissions: ENG. JUDGEMENT			0	2.15	2.15	TONs	

Portion Only (All Less than 1 Micron)										
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	198.08	198.08	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	30.23	30.23	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.45	0.45	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	2.34	2.34	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.45	0.45	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	6.95	6.95	TONs	
Total of Chargable Pollutants								231.1	TONS	

- **Process & Emissions Detail**

Name: P012-NG

Source Classification Code (SCC): 1-03-006-01

- 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: 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	2565.51	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	7.31	7.31	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.77	0.77	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	359.17	359.17	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	14.11	14.11	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	2.44	2.44	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	7.06	7.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	4.10	4.1	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	107.75	107.75	TONs	
Total of Chargable Pollutants								376.49	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.	1.15448E-06	1.15448E-06	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Acetaldehyde	75070	factor:OEP	0	0.021276	0.	0.0272922	0.0272922	TONs	

		A (auto calculate)		2					
Acrolein	107028	factor:OEP A (auto calculate)	0	0.018324	0.	0.0235052	0.0235052	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	0	1.2E-06	0.	1.53931E-06	1.53931E-06	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	0	2E-04	0.	2.56551E-04	2.56551E-04	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Benzene	71432	factor:OEP A (auto calculate)	0	0.0021	0.	0.00269379	0.00269379	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	0	6E-06	0.	7.69653E-06	7.69653E-06	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	0	0.0011	0.	0.00141103	0.00141103	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	0	0.0014	0.	0.00179586	0.00179586	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Cobalt	7440484	factor:OEP	0	8.4E-05	0.	1.07751E-04	1.07751E-04	TONs	

		A (auto calculate)							
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	7.69653E-07	7.69653E-07	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	1.0262E-05	1.0262E-05	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	3.84826E-06	3.84826E-06	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	3.59171E-06	3.59171E-06	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.0962066	0.0962066	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	2.30896	2.30896	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	4.87447E-04	4.87447E-04	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	3.33516E-04	3.33516E-04	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	1.15448E-06	1.15448E-06	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	3.07861E-05	3.07861E-05	TONs	
Naphthalene	91203	factor:OEPA (auto calculate)	0	6.1E-04	0.	7.82481E-04	7.82481E-04	TONs	
Nickel	7440020	factor:OEPA (auto	0	0.0021	0.	0.00269379	0.00269379	TONs	

		calculate)							
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.7E-05	0.	2.18068E-05	2.18068E-05	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	6.60682E-04	0.	8.47493E-04	8.47493E-04	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	5E-06	0.	6.41378E-06	6.41378E-06	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	0	1.2E-05	0.	1.53931E-05	1.53931E-05	TONs	
Toluene	108883	factor:OEPA (auto calculate)	0	0.0034	0.	0.00436137	0.00436137	TONs	

- Process & Emissions Detail

Name: P012-Oil

Source Classification Code (SCC): 1-03-004-01

- 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: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Residual Oil	Burned	70.72	1000 GALLONS

Variable	Amount	Meaning
A	0.89	% Ash content by weight
S	0.461	% Sulfur content by weight

- **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	0.05	0.05	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	2.56	2.56	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	1.66	1.66	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.29	0.29	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.22	0.22	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	0.03	0.03	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0.03	0.03	TONs	
CO - Carbon	CO		emissions:			0	0.18	0.18	TONs	

Monoxide			ENG. JUDGEMENT							
Total of Chargable Pollutants								4.54	TONS	

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- **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	2.11E-05	0.	7.46096E-07	7.46096E-07	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	2.53E-07	0.	8.94608E-09	8.94608E-09	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.22E-06	0.	4.31392E-08	4.31392E-08	TONs	
Antimony	7440360	factor:OEPA (auto calculate)	0	0.00525	0.	1.8564E-04	1.8564E-04	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	0.00132	0.	4.66752E-05	4.66752E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	4.01E-06	0.	1.41794E-07	1.41794E-07	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	2.14E-04	0.	7.56704E-06	7.56704E-06	TONs	
Benzo[B+K]Fluoranthene	102	factor:OEPA (auto calculate)	0	1.48E-06	0.	5.23328E-08	5.23328E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto	0	2.26E-06	0.	7.99136E-08	7.99136E-08	TONs	

		calculate)							
Beryllium	7440417	factor:OEPA (auto calculate)	0	2.78E-05	0.	9.83008E-07	9.83008E-07	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	3.98E-04	0.	1.40733E-05	1.40733E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	8.45E-04	0.	2.98792E-05	2.98792E-05	TONs	
Chromium (VI)	18540299	factor:OEPA (auto calculate)	0	2.48E-04	0.	8.76928E-06	8.76928E-06	TONs	
Chrysene	218019	factor:OEPA (auto calculate)	0	2.38E-06	0.	8.41568E-08	8.41568E-08	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	0.00602	0.	2.12867E-04	2.12867E-04	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	1.67E-06	0.	5.90512E-08	5.90512E-08	TONs	
Ethyl Benzene	100414	factor:OEPA (auto calculate)	0	6.36E-05	0.	2.2489E-06	2.2489E-06	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	4.84E-06	0.	1.71142E-07	1.71142E-07	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	4.47E-06	0.	1.58059E-07	1.58059E-07	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.0185	0.	6.5416E-04	6.5416E-04	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	2.14E-06	0.	7.56704E-08	7.56704E-08	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	0.003	0.	1.0608E-04	1.0608E-04	TONs	
Mercury, as HG; Alkyl & Aryl	7439976	factor:OEPA (auto	0	1.13E-04	0.	3.99568E-06	3.99568E-06	TONs	

CMPNDS; Elemental & Inorganic Forms		calculate)							
Methyl Chloroform (1,1,1-Trichloroethane)	71556	factor:OEPA (auto calculate)	0	2.36E-04	0.	8.34496E-06	8.34496E-06	TONs	
Naphthalene	91203	factor:OEPA (auto calculate)	0	0.00113	0.	3.99568E-05	3.99568E-05	TONs	
Nickel	7440020	factor:OEPA (auto calculate)	0	0.0845	0.	0.00298792	0.00298792	TONs	
Octachlorodibenzo-P-Dioxin	3268879	factor:OEPA (auto calculate)	0	3.1E-09	0.	1.09616E-10	1.09616E-10	TONs	
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.05E-05	0.	3.7128E-07	3.7128E-07	TONs	
Phosphorus	7723140	factor:OEPA (auto calculate)	0	0.00946	0.	3.34506E-04	3.34506E-04	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	1E-04	0.	3.536E-06	3.536E-06	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	4.25E-06	0.	1.5028E-07	1.5028E-07	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	0	6.83E-04	0.	2.41509E-05	2.41509E-05	TONs	
Toluene	108883	factor:OEPA (auto calculate)	0	0.0062	0.	2.19232E-04	2.19232E-04	TONs	
Xylene, O-	95476	factor:OEPA (auto calculate)	0	1.09E-04	0.	3.85424E-06	3.85424E-06	TONs	
Xylenes (Isomers and Mixture)	1330207	factor:OEPA (auto calculate)	0	0.0075	0.	2.652E-04	2.652E-04	TONs	

Emission Unit Summary: P019

Oct 9 2011, 16:08:59

Emissions Unit ID: P019

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.	1.54	1.54	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.16	0.16	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	26.94	26.94	TONs	
Organic Compounds	OC	X	0.	11.93	11.93	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.51	0.51	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.51	0.51	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.51	0.51	TONs	
VOC - Volatile Organic Compounds	VOC		0.	10.45	10.45	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	22.63	22.63	TONs	
Total of Chargable Pollutants					39.54	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.	2.42438E-07	2.42438E-07	TONs
Acenaphthylene	208968	0.	2.42438E-07	2.42438E-07	TONs
Acetaldehyde	75070	0.	0.00573128	0.00573128	TONs
Acrolein	107028	0.	0.00493603	0.00493603	TONs
Anthracene	120127	0.	3.2325E-07	3.2325E-07	TONs
Arsenic	7440382	0.	5.3875E-05	5.3875E-05	TONs

Benz[A]Anthracene	56553	0.	2.42438E-07	2.42438E-07	TONs
Benzene	71432	0.	5.65688E-04	5.65688E-04	TONs
Benzo[A]Pyrene	50328	0.	1.61625E-07	1.61625E-07	TONs
Benzo[B]Fluoranthene	205992	0.	2.42438E-07	2.42438E-07	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.61625E-07	1.61625E-07	TONs
Benzo[K]Fluoranthene	207089	0.	2.42438E-07	2.42438E-07	TONs
Beryllium	7440417	0.	1.61625E-06	1.61625E-06	TONs
Cadmium	7440439	0.	2.96312E-04	2.96312E-04	TONs
Chromium	7440473	0.	3.77125E-04	3.77125E-04	TONs
Chrysene	218019	0.	2.42438E-07	2.42438E-07	TONs
Cobalt	7440484	0.	2.26275E-05	2.26275E-05	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.61625E-07	1.61625E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.155E-06	2.155E-06	TONs
Fluoranthene	206440	0.	8.08125E-07	8.08125E-07	TONs
Fluorene	86737	0.	7.5425E-07	7.5425E-07	TONs
Formaldehyde	50000	0.	0.0202031	0.0202031	TONs
Hexane, N-	110543	0.	0.484875	0.484875	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	2.42438E-07	2.42438E-07	TONs
MN - Manganese	7439965	0.	1.02363E-04	1.02363E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	7.00375E-05	7.00375E-05	TONs
Methylcholanthrene, 3-	56495	0.	2.42438E-07	2.42438E-07	TONs
Methylnaphthalene, 2-	91576	0.	6.465E-06	6.465E-06	TONs
Naphthalene	91203	0.	1.64319E-04	1.64319E-04	TONs
Nickel	7440020	0.	5.65688E-04	5.65688E-04	TONs
Phenanthrene	85018	0.	4.57938E-06	4.57938E-06	TONs
Polycyclic Organic Matter	246	0.	1.77971E-04	1.77971E-04	TONs
Pyrene	129000	0.	1.34688E-06	1.34688E-06	TONs
Selenium	7782492	0.	3.2325E-06	3.2325E-06	TONs
Toluene	108883	0.	9.15875E-04	9.15875E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: P019-Oils

Source Classification Code (SCC): 3-03-009-34

- 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: 4369

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	394370	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: ENG. JUDGEMENT			0	8.97	8.97	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	8.97	8.97	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								8.97	TONS	

- Process & Emissions Detail

Name: P019-NG

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: 4369

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	538.75	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	1.54	1.54	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.16	0.16	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	26.94	26.94	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	2.96	2.96	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.51	0.51	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.51	0.51	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.51	0.51	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	1.48	1.48	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	22.63	22.63	TONs	
Total of Chargable Pollutants								30.57	TONS	

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- **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.	2.42438E-07	2.42438E-07	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	2.42438E-07	2.42438E-07	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	0.00573128	0.00573128	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	0.00493603	0.00493603	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	3.2325E-07	3.2325E-07	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	5.3875E-05	5.3875E-05	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	2.42438E-07	2.42438E-07	TONs	
Benzene	71432	factor:OEP	0	0.0021	0.	5.65688E-04	5.65688E-04	TONs	

		A (auto calculate)							
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	0	6E-07	0.	1.61625E-07	1.61625E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	0	9E-07	0.	2.42438E-07	2.42438E-07	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	0	6E-07	0.	1.61625E-07	1.61625E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	0	9E-07	0.	2.42438E-07	2.42438E-07	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	0	6E-06	0.	1.61625E-06	1.61625E-06	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	0	0.0011	0.	2.96312E-04	2.96312E-04	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	0	0.0014	0.	3.77125E-04	3.77125E-04	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	9E-07	0.	2.42438E-07	2.42438E-07	TONs	
Cobalt	7440484	factor:OEP A (auto calculate)	0	8.4E-05	0.	2.26275E-05	2.26275E-05	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	0	6E-07	0.	1.61625E-07	1.61625E-07	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	0	8E-06	0.	2.155E-06	2.155E-06	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	0	3E-06	0.	8.08125E-07	8.08125E-07	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	0	2.8E-06	0.	7.5425E-07	7.5425E-07	TONs	
Formaldehyde	50000	factor:OEP	0	0.075	0.	0.0202031	0.0202031	TONs	

		A (auto calculate)							
Hexane, N-	110543	factor:OEP A (auto calculate)	0	1.8	0.	0.484875	0.484875	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEP A (auto calculate)	0	9E-07	0.	2.42438E-07	2.42438E-07	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	0	3.8E-04	0.	1.02363E-04	1.02363E-04	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	0	2.6E-04	0.	7.00375E-05	7.00375E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEP A (auto calculate)	0	9E-07	0.	2.42438E-07	2.42438E-07	TONs	
Methylnaphthalene, 2-	91576	factor:OEP A (auto calculate)	0	2.4E-05	0.	6.465E-06	6.465E-06	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	0	6.1E-04	0.	1.64319E-04	1.64319E-04	TONs	
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	5.65688E-04	5.65688E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	4.57938E-06	4.57938E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E-04	0.	1.77971E-04	1.77971E-04	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	1.34688E-06	1.34688E-06	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	3.2325E-06	3.2325E-06	TONs	
Toluene	108883	factor:OEP A (auto	0	0.0034	0.	9.15875E-04	9.15875E-04	TONs	

		calculate)							

Emission Unit Summary: P022

Oct 9 2011, 16:08:59

Emissions Unit ID: P022

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.	3.35	3.35	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.35	0.35	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	58.81	58.81	TONs	
Organic Compounds	OC	X	0.	15.94	15.94	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	1.12	1.12	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	1.12	1.12	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	1.12	1.12	TONs	
VOC - Volatile Organic Compounds	VOC		0.	12.7	12.7	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	49.4	49.4	TONs	
Total of Chargable Pollutants					76.22	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.	5.29322E-07	5.29322E-07	TONs
Acenaphthylene	208968	0.	5.29322E-07	5.29322E-07	TONs
Acetaldehyde	75070	0.	0.0125133	0.0125133	TONs
Acrolein	107028	0.	0.010777	0.010777	TONs
Anthracene	120127	0.	7.05762E-07	7.05762E-07	TONs
Arsenic	7440382	0.	1.17627E-04	1.17627E-04	TONs

Benz[A]Anthracene	56553	0.	5.29322E-07	5.29322E-07	TONs
Benzene	71432	0.	0.00123508	0.00123508	TONs
Benzo[A]Pyrene	50328	0.	3.52881E-07	3.52881E-07	TONs
Benzo[B]Fluoranthene	205992	0.	5.29322E-07	5.29322E-07	TONs
Benzo[G,H,I,]Perylene	191242	0.	3.52881E-07	3.52881E-07	TONs
Benzo[K]Fluoranthene	207089	0.	5.29322E-07	5.29322E-07	TONs
Beryllium	7440417	0.	3.52881E-06	3.52881E-06	TONs
Cadmium	7440439	0.	6.46948E-04	6.46948E-04	TONs
Chromium	7440473	0.	8.23389E-04	8.23389E-04	TONs
Chrysene	218019	0.	5.29322E-07	5.29322E-07	TONs
Cobalt	7440484	0.	4.94033E-05	4.94033E-05	TONs
Dibenzo[A,H]Anthracene	53703	0.	3.52881E-07	3.52881E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	4.70508E-06	4.70508E-06	TONs
Fluoranthene	206440	0.	1.7644E-06	1.7644E-06	TONs
Fluorene	86737	0.	1.64678E-06	1.64678E-06	TONs
Formaldehyde	50000	0.	0.0441101	0.0441101	TONs
Hexane, N-	110543	0.	1.05864	1.05864	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	5.29322E-07	5.29322E-07	TONs
MN - Manganese	7439965	0.	2.23491E-04	2.23491E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.52915E-04	1.52915E-04	TONs
Methylcholanthrene, 3-	56495	0.	5.29322E-07	5.29322E-07	TONs
Methylnaphthalene, 2-	91576	0.	1.41152E-05	1.41152E-05	TONs
Naphthalene	91203	0.	3.58762E-04	3.58762E-04	TONs
Nickel	7440020	0.	0.00123508	0.00123508	TONs
Phenanthrene	85018	0.	9.99829E-06	9.99829E-06	TONs
Polycyclic Organic Matter	246	0.	3.8857E-04	3.8857E-04	TONs
Pyrene	129000	0.	2.94068E-06	2.94068E-06	TONs
Selenium	7782492	0.	7.05762E-06	7.05762E-06	TONs
Toluene	108883	0.	0.00199966	0.00199966	TONs

- **Processes**

- Process & Emissions Detail

Name: P022-NG

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	1176.27	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	3.35	3.35	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.35	0.35	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	58.81	58.81	TONs	
Organic Compounds	OC	X	emissions: ENG.			0	6.47	6.47	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	1.12	1.12	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	1.12	1.12	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	1.12	1.12	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	3.23	3.23	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	49.40	49.4	TONs	
Total of Chargable Pollutants								66.75	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.	5.29322E-07	5.29322E-07	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	5.29322E-07	5.29322E-07	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	0.0125133	0.0125133	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	0.010777	0.010777	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	7.05762E-07	7.05762E-07	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	1.17627E-04	1.17627E-04	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	5.29322E-07	5.29322E-07	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	0.00123508	0.00123508	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	3.52881E-07	3.52881E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	5.29322E-07	5.29322E-07	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	3.52881E-07	3.52881E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	5.29322E-07	5.29322E-07	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	3.52881E-06	3.52881E-06	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	0.	6.46948E-04	6.46948E-04	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	0.	8.23389E-04	8.23389E-04	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	0.	5.29322E-07	5.29322E-07	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	0.	4.94033E-05	4.94033E-05	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	0.	3.52881E-07	3.52881E-07	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	0.	4.70508E-06	4.70508E-06	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	0.	1.7644E-06	1.7644E-06	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	0.	1.64678E-06	1.64678E-06	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	0.	0.0441101	0.0441101	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.	1.05864	1.05864	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	0.	5.29322E-07	5.29322E-07	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	0.	2.23491E-04	2.23491E-04	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	0.	1.52915E-04	1.52915E-04	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	0.	5.29322E-07	5.29322E-07	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	1.41152E-05	1.41152E-05	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	0.	3.58762E-04	3.58762E-04	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	0.	0.00123508	0.00123508	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	0.	9.99829E-06	9.99829E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	0.	3.8857E-04	3.8857E-04	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	0.	2.94068E-06	2.94068E-06	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	0.	7.05762E-06	7.05762E-06	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	0.	0.00199966	0.00199966	TONs	

- Process & Emissions Detail

Name: P022-Oils

Source Classification Code (SCC): 3-03-009-34

- 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: 6989

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	562923	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: ENG. JUDGEMENT			0	9.47	9.47	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	9.47	9.47	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								9.47	TONS	

Emission Unit Summary: P023

Oct 9 2011, 16:08:59

Emissions Unit ID: P023

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	4.44	4.44	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	4.44	4.44	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					4.44	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
Hydrochloric Acid (Hydrogen Chloride)	7647010	0	4.64	4.64	TONs

- Processes

- Process & Emissions Detail

Name: P023-No. 5 Pickler

Source Classification Code (SCC): 3-03-009-10

- **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
Material	Produced	804391	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: ENG. JUDGEMENT			0	4.44	4.44	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL		emissions: ENG.			0	0	0.	TONs	

Filterable Portion Only			JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	4.44	4.44	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								4.44	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
Hydrochloric Acid (Hydrogen Chloride)	7647010	emissions: STACK TEST			0	4.64	4.64	TONs	

Emission Unit Summary: P024

Oct 9 2011, 16:08:59

Emissions Unit ID: P024

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	12.12	12.12	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	1.77	1.77	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	1.77	1.77	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	1.77	1.77	TONs	
VOC - Volatile Organic Compounds	VOC		0	12.12	12.12	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					13.89	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
Hydrochloric Acid (Hydrogen Chloride)	7647010	0	5.76	5.76	TONs

- Processes

- Process & Emissions Detail

Name: P024-No. 4 Pickler

Source Classification Code (SCC): 3-03-009-10

- **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
Material	Produced	2148638	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: ENG. JUDGEMENT			0	12.12	12.12	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	1.77	1.77	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL		emissions: ENG.			0	1.77	1.77	TONs	

Filterable Portion Only			JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	1.77	1.77	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	12.12	12.12	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								13.89	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
Hydrochloric Acid (Hydrogen Chloride)	7647010	emissions: STACK TEST			0	5.76	5.76	TONs	

Emission Unit Summary: P043

Oct 9 2011, 16:08:59

Emissions Unit ID: P043

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	118.23	118.23	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	11.59	11.59	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	7.09	7.09	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					118.23	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
Benzo[A]Pyrene	50328	0.	0.0425213	0.0425213	TONs
Polycyclic Organic Matter	246	0.	190.688	190.688	TONs

- Processes

- Process & Emissions Detail

Name: P043-Quench

Source Classification Code (SCC): 3-03-003-04

- 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
Coal	Charged	625206	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) -	PM-FIL	X	emissions:			0	118.23	118.23	TONs	

Primary PM, Filterable Portion Only			ENG. JUDGEMENT							
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	11.59	11.59	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	7.09	7.09	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								118.23	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
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	1.36023E-04	0.	0.0425213	0.0425213	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	0.61	0.	190.688	190.688	TONs	

Emission Unit Summary: P047

Oct 9 2011, 16:08:59

Emissions Unit ID: P047

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	6.32	6.32	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	5.65	5.65	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	4.18	4.18	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	1.75	1.75	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					11.97	TONS	

- Processes

- Process & Emissions Detail

Name: P047-HMTDesulf

Source Classification Code (SCC): 3-03-009-20

- 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
Material	Processed	2262082	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	6.32	6.32	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: STACK TEST			0	5.65	5.65	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	4.18	4.18	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	1.75	1.75	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								11.97	TONS	

Emission Unit Summary: P062

Oct 9 2011, 16:08:59

Emissions Unit ID: P062

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		0.06	0.	0.06	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.01	0.	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	1.05	0.	1.05	TONs	
Organic Compounds	OC	X	7.66	8.5	16.16	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.02	3.45	3.47	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.02	3.45	3.47	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.02	3.45	3.47	TONs	
VOC - Volatile Organic Compounds	VOC		7.6	8.5	16.1	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.88	0.	0.88	TONs	
Total of Chargable Pollutants					20.69	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	9.441E-09	0.	9.441E-09	TONs
Acenaphthylene	208968	9.441E-09	0.	9.441E-09	TONs
Acetaldehyde	75070	2.23187E-04	0.	2.23187E-04	TONs
Acrolein	107028	1.92219E-04	0.	1.92219E-04	TONs
Anthracene	120127	1.2588E-08	0.	1.2588E-08	TONs
Arsenic	7440382	2.098E-06	0.	2.098E-06	TONs

Benz[A]Anthracene	56553	9.441E-09	0.	9.441E-09	TONs
Benzene	71432	2.2029E-05	0.	2.2029E-05	TONs
Benzo[A]Pyrene	50328	6.294E-09	0.	6.294E-09	TONs
Benzo[B]Fluoranthene	205992	9.441E-09	0.	9.441E-09	TONs
Benzo[G,H,I,]Perylene	191242	6.294E-09	0.	6.294E-09	TONs
Benzo[K]Fluoranthene	207089	9.441E-09	0.	9.441E-09	TONs
Beryllium	7440417	6.294E-08	0.	6.294E-08	TONs
Cadmium	7440439	1.1539E-05	0.	1.1539E-05	TONs
Chromium	7440473	1.4686E-05	0.	1.4686E-05	TONs
Chrysene	218019	9.441E-09	0.	9.441E-09	TONs
Cobalt	7440484	8.8116E-07	0.	8.8116E-07	TONs
Dibenzo[A,H]Anthracene	53703	6.294E-09	0.	6.294E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	8.392E-08	0.	8.392E-08	TONs
Fluoranthene	206440	3.147E-08	0.	3.147E-08	TONs
Fluorene	86737	2.9372E-08	0.	2.9372E-08	TONs
Formaldehyde	50000	7.8675E-04	0.	7.8675E-04	TONs
Hexane, N-	110543	0.018882	0.	0.018882	TONs
Indeno[1,2,3-C,D]Pyrene	193395	9.441E-09	0.	9.441E-09	TONs
MN - Manganese	7439965	3.9862E-06	0.	3.9862E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	2.7274E-06	0.	2.7274E-06	TONs
Methylcholanthrene, 3-	56495	9.441E-09	0.	9.441E-09	TONs
Methylnaphthalene, 2-	91576	2.5176E-07	0.	2.5176E-07	TONs
Naphthalene	91203	6.3989E-06	0.	6.3989E-06	TONs
Nickel	7440020	2.2029E-05	0.	2.2029E-05	TONs
Phenanthrene	85018	1.7833E-07	0.	1.7833E-07	TONs
Polycyclic Organic Matter	246	6.93055E-06	0.	6.93055E-06	TONs
Pyrene	129000	5.245E-08	0.	5.245E-08	TONs
Selenium	7782492	1.2588E-07	0.	1.2588E-07	TONs
Toluene	108883	3.5666E-05	0.	3.5666E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P062-NG

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: 8523

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	20.98	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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			0.06	0	0.06	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.01	0	0.01	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			1.05	0	1.05	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.12	0	0.12	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			0.02	0	0.02	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.02	0	0.02	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.02	0	0.02	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.06	0	0.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.88	0	0.88	TONs	
Total of Chargable Pollutants								1.2	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	9.441E-09	0.	9.441E-09	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	9.441E-09	0.	9.441E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	2.23187E-04	0.	2.23187E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	1.92219E-04	0.	1.92219E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	1.2588E-08	0.	1.2588E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	2.098E-06	0.	2.098E-06	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	9.441E-09	0.	9.441E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	2.2029E-05	0.	2.2029E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	6.294E-09	0.	6.294E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	9.441E-09	0.	9.441E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	6.294E-09	0.	6.294E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	9.441E-09	0.	9.441E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	6.294E-08	0.	6.294E-08	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	1.1539E-05	0.	1.1539E-05	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	1.4686E-05	0.	1.4686E-05	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	9.441E-09	0.	9.441E-09	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	8.8116E-07	0.	8.8116E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	6.294E-09	0.	6.294E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	8.392E-08	0.	8.392E-08	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	3.147E-08	0.	3.147E-08	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	2.9372E-08	0.	2.9372E-08	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	7.8675E-04	0.	7.8675E-04	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	0.018882	0.	0.018882	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	9.441E-09	0.	9.441E-09	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	3.9862E-06	0.	3.9862E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	2.7274E-06	0.	2.7274E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	9.441E-09	0.	9.441E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	2.5176E-07	0.	2.5176E-07	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	6.3989E-06	0.	6.3989E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	2.2029E-05	0.	2.2029E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	1.7833E-07	0.	1.7833E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	6.93055E-06	0.	6.93055E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	5.245E-08	0.	5.245E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	1.2588E-07	0.	1.2588E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	3.5666E-05	0.	3.5666E-05	TONs	

- Process & Emissions Detail

Name: P062-Zn Coating

Source Classification Code (SCC): 3-03-009-36

- 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: 8523

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	579207	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: ENG. JUDGEMENT			0	8.50	8.5	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	3.45	3.45	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	3.45	3.45	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	3.45	3.45	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	8.50	8.5	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								11.95	TONS	

- **Process & Emissions Detail**

Name: P062-Oils

Source Classification Code (SCC): 3-03-009-34

- **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: 8523

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	579207	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: ENG. JUDGEMENT			7.54	0	7.54	TONs	

Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			7.54	0	7.54	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								7.54	TONS	

Emission Unit Summary: P065

Oct 9 2011, 16:08:59

Emissions Unit ID: P065

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		0.003	0.	0.003	TONs	
SO2 - Sulfur Dioxide	SO2	X	3E-04	0.	3E-04	TONs	
NOx - Nitrogen Oxides	NOX	X	0.05	0.	0.05	TONs	
Organic Compounds	OC	X	0.003	1.09	1.093	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.001	24.64	24.641	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.001	24.64	24.641	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.001	24.64	24.641	TONs	
VOC - Volatile Organic Compounds	VOC		0.003	1.09	1.093	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.04	0.	0.04	TONs	
Total of Chargable Pollutants					25.7843	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	4.23E-10	0.	4.23E-10	TONs
Acenaphthylene	208968	4.23E-10	0.	4.23E-10	TONs
Acetaldehyde	75070	9.99981E-06	0.	9.99981E-06	TONs
Acrolein	107028	8.61228E-06	0.	8.61228E-06	TONs
Anthracene	120127	5.64E-10	0.	5.64E-10	TONs
Arsenic	7440382	9.4E-08	0.	9.4E-08	TONs

Benz[A]Anthracene	56553	4.23E-10	0.	4.23E-10	TONs
Benzene	71432	9.87E-07	0.	9.87E-07	TONs
Benzo[A]Pyrene	50328	2.82E-10	0.	2.82E-10	TONs
Benzo[B]Fluoranthene	205992	4.23E-10	0.	4.23E-10	TONs
Benzo[G,H,I,]Perylene	191242	2.82E-10	0.	2.82E-10	TONs
Benzo[K]Fluoranthene	207089	4.23E-10	0.	4.23E-10	TONs
Beryllium	7440417	2.82E-09	0.	2.82E-09	TONs
Cadmium	7440439	5.17E-07	0.	5.17E-07	TONs
Chromium	7440473	6.58E-07	0.	6.58E-07	TONs
Chrysene	218019	4.23E-10	0.	4.23E-10	TONs
Cobalt	7440484	3.948E-08	0.	3.948E-08	TONs
Dibenzo[A,H]Anthracene	53703	2.82E-10	0.	2.82E-10	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	3.76E-09	0.	3.76E-09	TONs
Fluoranthene	206440	1.41E-09	0.	1.41E-09	TONs
Fluorene	86737	1.316E-09	0.	1.316E-09	TONs
Formaldehyde	50000	3.525E-05	0.	3.525E-05	TONs
Hexane, N-	110543	8.46E-04	0.	8.46E-04	TONs
Indeno[1,2,3-C,D]Pyrene	193395	4.23E-10	0.	4.23E-10	TONs
MN - Manganese	7439965	1.786E-07	0.	1.786E-07	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	1.222E-07	0.	1.222E-07	TONs
Methylcholanthrene, 3-	56495	4.23E-10	0.	4.23E-10	TONs
Methylnaphthalene, 2-	91576	1.128E-08	0.	1.128E-08	TONs
Naphthalene	91203	2.867E-07	0.	2.867E-07	TONs
Nickel	7440020	9.87E-07	0.	9.87E-07	TONs
Phenanthrene	85018	7.99E-09	0.	7.99E-09	TONs
Polycyclic Organic Matter	246	3.10521E-07	0.	3.10521E-07	TONs
Pyrene	129000	2.35E-09	0.	2.35E-09	TONs
Selenium	7782492	5.64E-09	0.	5.64E-09	TONs
Toluene	108883	1.598E-06	0.	1.598E-06	TONs

- **Processes**

- Process & Emissions Detail

Name: P065-NG

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: 7142

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	0.94	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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			0.003	0	0.003	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.0003	0	3E-04	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.05	0	0.05	TONs	
Organic Compounds	OC	X	emissions: ENG.			0.003	0	0.003	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	0.001	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.001	0	0.001	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.001	0	0.001	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.003	0	0.003	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.04	0	0.04	TONs	
Total of Chargable Pollutants								0.0543	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	4.23E-10	0.	4.23E-10	TONs	

Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	4.23E-10	0.	4.23E-10	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	9.99981E-06	0.	9.99981E-06	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	8.61228E-06	0.	8.61228E-06	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	5.64E-10	0.	5.64E-10	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	9.4E-08	0.	9.4E-08	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	4.23E-10	0.	4.23E-10	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	9.87E-07	0.	9.87E-07	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	2.82E-10	0.	2.82E-10	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	4.23E-10	0.	4.23E-10	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	2.82E-10	0.	2.82E-10	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	4.23E-10	0.	4.23E-10	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	2.82E-09	0.	2.82E-09	TONs	
Cadmium	7440439	factor:OEPA (auto calculate)	0	0.0011	5.17E-07	0.	5.17E-07	TONs	
Chromium	7440473	factor:OEPA (auto calculate)	0	0.0014	6.58E-07	0.	6.58E-07	TONs	

Chrysene	218019	factor:OEPA (auto calculate)	0	9E-07	4.23E-10	0.	4.23E-10	TONs	
Cobalt	7440484	factor:OEPA (auto calculate)	0	8.4E-05	3.948E-08	0.	3.948E-08	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEPA (auto calculate)	0	6E-07	2.82E-10	0.	2.82E-10	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEPA (auto calculate)	0	8E-06	3.76E-09	0.	3.76E-09	TONs	
Fluoranthene	206440	factor:OEPA (auto calculate)	0	3E-06	1.41E-09	0.	1.41E-09	TONs	
Fluorene	86737	factor:OEPA (auto calculate)	0	2.8E-06	1.316E-09	0.	1.316E-09	TONs	
Formaldehyde	50000	factor:OEPA (auto calculate)	0	0.075	3.525E-05	0.	3.525E-05	TONs	
Hexane, N-	110543	factor:OEPA (auto calculate)	0	1.8	8.46E-04	0.	8.46E-04	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEPA (auto calculate)	0	9E-07	4.23E-10	0.	4.23E-10	TONs	
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	3.8E-04	1.786E-07	0.	1.786E-07	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEPA (auto calculate)	0	2.6E-04	1.222E-07	0.	1.222E-07	TONs	
Methylcholanthrene, 3-	56495	factor:OEPA (auto calculate)	0	9E-07	4.23E-10	0.	4.23E-10	TONs	
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	1.128E-08	0.	1.128E-08	TONs	
Naphthalene	91203	factor:OEP	0	6.1E-04	2.867E-07	0.	2.867E-07	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	9.87E-07	0.	9.87E-07	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	7.99E-09	0.	7.99E-09	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E -04	3.10521E-07	0.	3.10521E-07	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	2.35E-09	0.	2.35E-09	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	5.64E-09	0.	5.64E-09	TONs	
Toluene	108883	factor:OEP A (auto calculate)	0	0.0034	1.598E-06	0.	1.598E-06	TONs	

- Process & Emissions Detail

Name: P065-Cold Rolling

Source Classification Code (SCC): 3-03-009-35

- 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: 7142

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	2768955	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: ENG. JUDGEMENT			0	1.09	1.09	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	24.64	24.64	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	24.64	24.64	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	24.64	24.64	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	1.09	1.09	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								25.73	TONS	

Emission Unit Summary: P067

Oct 9 2011, 16:08:59

Emissions Unit ID: P067

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	0.35	0.35	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	32.03	32.03	TONs	
NOx - Nitrogen Oxides	NOX	X	0	4.89	4.89	TONs	
Organic Compounds	OC	X	0	0.07	0.07	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.38	0.38	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.38	0.38	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.38	0.38	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.07	0.07	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	1.12	1.12	TONs	
Total of Chargable Pollutants					37.37	TONS	

- Processes

- Process & Emissions Detail

Name: P067-GasHoldFlare

Source Classification Code (SCC): 1-02-007-07

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Process Gas	Burned	122.19	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.771	% Sulfur content by weight

- **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	0.35	0.35	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	32.03	32.03	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	4.89	4.89	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.38	0.38	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.38	0.38	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.38	0.38	TONs	

Portion Only										
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1.12	1.12	TONs	
Total of Chargable Pollutants								37.37	TONS	

Emission Unit Summary: P068

Oct 9 2011, 16:08:59

Emissions Unit ID: P068

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0.50	0	0.5	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0.50	0	0.5	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.5	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
Polycyclic Organic Matter	246	0.0031	0.	0.0031	TONs

- Processes

- Process & Emissions Detail

Name: P068-Exhausters

Source Classification Code (SCC): 3-03-003-15

- **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
Coal	Charged	442857	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: ENG. JUDGEMENT			0.50	0	0.5	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL		emissions: ENG.			0	0	0.	TONs	

Filterable Portion Only			JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.50	0	0.5	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								0.5	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
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	1.4E-05	0.0031	0.	0.0031	TONs	

Emission Unit Summary: P070

Oct 9 2011, 16:08:59

Emissions Unit ID: P070

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0.05	0	0.05	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0.05	0	0.05	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.05	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
Polycyclic Organic Matter	246	0.0031	0.	0.0031	TONs

- Processes

- Process & Emissions Detail

Name: P070-FC WO

Source Classification Code (SCC): 3-03-003-15

- **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
Coal	Charged	442857	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: ENG. JUDGEMENT			0.05	0	0.05	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL		emissions: ENG.			0	0	0.	TONs	

Filterable Portion Only			JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.05	0	0.05	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								0.05	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
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	1.4E-05	0.0031	0.	0.0031	TONs	

Emission Unit Summary: P075

Oct 9 2011, 16:08:59

Emissions Unit ID: P075

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	7.71	0	7.71	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		7.71	0	7.71	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					7.71	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
Polycyclic Organic Matter	246	0.0031	0.	0.0031	TONs

- Processes

- Process & Emissions Detail

Name: P075-Tar & FL

Source Classification Code (SCC): 3-03-003-15

- **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
Coal	Charged	442857	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: ENG. JUDGEMENT			7.71	0	7.71	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL		emissions: ENG.			0	0	0.	TONs	

Filterable Portion Only			JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			7.71	0	7.71	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								7.71	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
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	1.4E-05	0.0031	0.	0.0031	TONs	

Emission Unit Summary: P091

Oct 9 2011, 16:08:59

Emissions Unit ID: P091

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	62.10	0	62.1	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		62.10	0	62.1	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					62.1	TONS	

- Processes

- Process & Emissions Detail

Name: P091-5 Temper Mill

Source Classification Code (SCC): 3-03-009-34

- 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: 1543

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	107256	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: ENG. JUDGEMENT			62.10	0	62.1	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			62.10	0	62.1	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								62.1	TONS	

Emission Unit Summary: P092

Oct 9 2011, 16:08:59

Emissions Unit ID: P092

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	200.45	0	200.45	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		200.45	0	200.45	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					200.45	TONS	

- Processes

- Process & Emissions Detail

Name: P092-6 Temper Mill

Source Classification Code (SCC): 3-03-009-34

- 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: 7052

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	1504992	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: ENG. JUDGEMENT			200.45	0	200.45	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			200.45	0	200.45	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								200.45	TONS	

Emission Unit Summary: P093

Oct 9 2011, 16:08:59

Emissions Unit ID: P093

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	2.09	0	2.09	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		2.09	0	2.09	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.09	TONS	

- Processes

- Process & Emissions Detail

Name: P093-CR Line

Source Classification Code (SCC): 3-03-009-34

- 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: 1533

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	19008	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: ENG. JUDGEMENT			2.09	0	2.09	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			2.09	0	2.09	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								2.09	TONS	

Emission Unit Summary: P094

Oct 9 2011, 16:08:59

Emissions Unit ID: P094

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		0.02	0.	0.02	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.002	0.	0.002	TONs	
NOx - Nitrogen Oxides	NOX	X	0.28	0.	0.28	TONs	
Organic Compounds	OC	X	0.12	0.	0.12	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	39.095	0.	39.095	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		39.095	0.	39.095	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		39.095	0.	39.095	TONs	
VOC - Volatile Organic Compounds	VOC		0.11	0.	0.11	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.237	0.	0.237	TONs	
Total of Chargable Pollutants					39.497	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	2.5425E-09	0.	2.5425E-09	TONs
Acenaphthylene	208968	2.5425E-09	0.	2.5425E-09	TONs
Acetaldehyde	75070	6.01053E-05	0.	6.01053E-05	TONs
Acrolein	107028	5.17653E-05	0.	5.17653E-05	TONs
Anthracene	120127	3.39E-09	0.	3.39E-09	TONs
Arsenic	7440382	5.65E-07	0.	5.65E-07	TONs

Benz[A]Anthracene	56553	2.5425E-09	0.	2.5425E-09	TONs
Benzene	71432	5.9325E-06	0.	5.9325E-06	TONs
Benzo[A]Pyrene	50328	1.695E-09	0.	1.695E-09	TONs
Benzo[B]Fluoranthene	205992	2.5425E-09	0.	2.5425E-09	TONs
Benzo[G,H,I,]Perylene	191242	1.695E-09	0.	1.695E-09	TONs
Benzo[K]Fluoranthene	207089	2.5425E-09	0.	2.5425E-09	TONs
Beryllium	7440417	1.695E-08	0.	1.695E-08	TONs
Cadmium	7440439	3.1075E-06	0.	3.1075E-06	TONs
Chromium	7440473	3.955E-06	0.	3.955E-06	TONs
Chrysene	218019	2.5425E-09	0.	2.5425E-09	TONs
Cobalt	7440484	2.373E-07	0.	2.373E-07	TONs
Dibenzo[A,H]Anthracene	53703	1.695E-09	0.	1.695E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	2.26E-08	0.	2.26E-08	TONs
Fluoranthene	206440	8.475E-09	0.	8.475E-09	TONs
Fluorene	86737	7.91E-09	0.	7.91E-09	TONs
Formaldehyde	50000	2.11875E-04	0.	2.11875E-04	TONs
Hexane, N-	110543	0.005085	0.	0.005085	TONs
Indeno[1,2,3-C,D]Pyrene	193395	2.5425E-09	0.	2.5425E-09	TONs
MN - Manganese	7439965	1.0735E-06	0.	1.0735E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	7.345E-07	0.	7.345E-07	TONs
Methylcholanthrene, 3-	56495	2.5425E-09	0.	2.5425E-09	TONs
Methylnaphthalene, 2-	91576	6.78E-08	0.	6.78E-08	TONs
Naphthalene	91203	1.72325E-06	0.	1.72325E-06	TONs
Nickel	7440020	5.9325E-06	0.	5.9325E-06	TONs
Phenanthrene	85018	4.8025E-08	0.	4.8025E-08	TONs
Polycyclic Organic Matter	246	1.86643E-06	0.	1.86643E-06	TONs
Pyrene	129000	1.4125E-08	0.	1.4125E-08	TONs
Selenium	7782492	3.39E-08	0.	3.39E-08	TONs
Toluene	108883	9.605E-06	0.	9.605E-06	TONs

- **Processes**

- Process & Emissions Detail

Name: P094-Hot Rolling

Source Classification Code (SCC): 3-03-009-31

- 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: 7817

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	5378341	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: ENG. JUDGEMENT			0.09	0	0.09	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			39.09	0	39.09	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			39.09	0	39.09	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			39.09	0	39.09	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.09	0	0.09	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								39.18	TONS	

- Process & Emissions Detail

Name: P094-NG

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: 7817

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	5.65	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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			0.02	0	0.02	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0.002	0	0.002	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0.28	0	0.28	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0.03	0	0.03	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0.005	0	0.005	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0.005	0	0.005	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0.005	0	0.005	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.02	0	0.02	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.237	0	0.237	TONs	
Total of Chargable Pollutants								0.317	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	2.5425E-09	0.	2.5425E-09	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	2.5425E-09	0.	2.5425E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	6.01053E-05	0.	6.01053E-05	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	5.17653E-05	0.	5.17653E-05	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	3.39E-09	0.	3.39E-09	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	5.65E-07	0.	5.65E-07	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	2.5425E-09	0.	2.5425E-09	TONs	
Benzene	71432	factor:OEP	0	0.0021	5.9325E-06	0.	5.9325E-06	TONs	

		A (auto calculate)							
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	0	6E-07	1.695E-09	0.	1.695E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	0	9E-07	2.5425E-09	0.	2.5425E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	0	6E-07	1.695E-09	0.	1.695E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	0	9E-07	2.5425E-09	0.	2.5425E-09	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	0	6E-06	1.695E-08	0.	1.695E-08	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	0	0.0011	3.1075E-06	0.	3.1075E-06	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	0	0.0014	3.955E-06	0.	3.955E-06	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	9E-07	2.5425E-09	0.	2.5425E-09	TONs	
Cobalt	7440484	factor:OEP A (auto calculate)	0	8.4E-05	2.373E-07	0.	2.373E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	0	6E-07	1.695E-09	0.	1.695E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	0	8E-06	2.26E-08	0.	2.26E-08	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	0	3E-06	8.475E-09	0.	8.475E-09	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	0	2.8E-06	7.91E-09	0.	7.91E-09	TONs	
Formaldehyde	50000	factor:OEP	0	0.075	2.11875E-04	0.	2.11875E-04	TONs	

		A (auto calculate)							
Hexane, N-	110543	factor:OEP A (auto calculate)	0	1.8	0.005085	0.	0.005085	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEP A (auto calculate)	0	9E-07	2.5425E-09	0.	2.5425E-09	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	0	3.8E-04	1.0735E-06	0.	1.0735E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	0	2.6E-04	7.345E-07	0.	7.345E-07	TONs	
Methylcholanthrene, 3-	56495	factor:OEP A (auto calculate)	0	9E-07	2.5425E-09	0.	2.5425E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEP A (auto calculate)	0	2.4E-05	6.78E-08	0.	6.78E-08	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	0	6.1E-04	1.72325E-06	0.	1.72325E-06	TONs	
Nickel	7440020	factor:OEP A (auto calculate)	0	0.0021	5.9325E-06	0.	5.9325E-06	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	1.7E-05	4.8025E-08	0.	4.8025E-08	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	6.60682E-04	1.86643E-06	0.	1.86643E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	5E-06	1.4125E-08	0.	1.4125E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	1.2E-05	3.39E-08	0.	3.39E-08	TONs	
Toluene	108883	factor:OEP A (auto	0	0.0034	9.605E-06	0.	9.605E-06	TONs	

		calculate)							

Emission Unit Summary: P095

Oct 9 2011, 16:08:59

Emissions Unit ID: P095

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

- Processes

- Process & Emissions Detail

Name: P095-7 Temper Mill

Source Classification Code (SCC): 3-03-009-36

- 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
Material	Produced	166416	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

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

Emission Unit Summary: P096

Oct 9 2011, 16:08:59

Emissions Unit ID: P096

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0.02	0	0.02	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0.02	0	0.02	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.02	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
Polycyclic Organic Matter	246	0.0031	0.	0.0031	TONs

- Processes

- Process & Emissions Detail

Name: P096-Tar Decanter

Source Classification Code (SCC): 3-03-003-15

- **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
Coal	Charged	442857	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: ENG. JUDGEMENT			0.02	0	0.02	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL		emissions: ENG.			0	0	0.	TONs	

Filterable Portion Only			JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0.02	0	0.02	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								0.02	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
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	1.4E-05	0.0031	0.	0.0031	TONs	

Emission Unit Summary: P901

Oct 9 2011, 16:08:59

Emissions Unit ID: P901

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	2.43	2.43	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	1.33	1.33	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	1.33	1.33	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.43	TONS	

- Processes

- Process & Emissions Detail

Name: P901-Flux Hand

Source Classification Code (SCC): 3-03-009-99

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 3650

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	100000	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	2.43	2.43	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	1.33	1.33	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	1.33	1.33	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								2.43	TONS	

Emission Unit Summary: P902

Oct 9 2011, 16:08:59

Emissions Unit ID: P902

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	32.01	32.01	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	32.01	32.01	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	32.01	32.01	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					32.01	TONS	

- Processes

- Process & Emissions Detail

Name: P902-ConCast

Source Classification Code (SCC): 3-03-009-22

- 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
Material	Produced	2797224	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	32.01	32.01	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	32.01	32.01	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	32.01	32.01	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								32.01	TONS	

Emission Unit Summary: P925

Oct 9 2011, 16:08:59

Emissions Unit ID: P925

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.	56.83	56.83	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	558.47	558.47	TONs	X
NOx - Nitrogen Oxides	NOX	X	0.	47.81	47.81	TONs	
Organic Compounds	OC	X	0.	298.93	298.93	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	41.74	41.74	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	24.98	24.98	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	15.4	15.4	TONs	
VOC - Volatile Organic Compounds	VOC		0.	298.88	298.88	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	9,831.97	9,831.97	TONs	X
Total of Chargable Pollutants					946.95	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.	9.324E-09	9.324E-09	TONs
Acenaphthylene	208968	0.	9.324E-09	9.324E-09	TONs
Acetaldehyde	75070	0.	2.20421E-04	2.20421E-04	TONs
Acrolein	107028	0.	1.89837E-04	1.89837E-04	TONs
Anthracene	120127	0.	1.2432E-08	1.2432E-08	TONs
Arsenic	7440382	0.	4.144E-10	4.144E-10	TONs

Benz[A]Anthracene	56553	0.	9.324E-09	9.324E-09	TONs
Benzene	71432	0.	2.1756E-05	2.1756E-05	TONs
Benzo[A]Pyrene	50328	0.	6.216E-09	6.216E-09	TONs
Benzo[B]Fluoranthene	205992	0.	9.324E-09	9.324E-09	TONs
Benzo[G,H,I,]Perylene	191242	0.	6.216E-09	6.216E-09	TONs
Benzo[K]Fluoranthene	207089	0.	9.324E-09	9.324E-09	TONs
Beryllium	7440417	0.	1.2432E-11	1.2432E-11	TONs
Cadmium	7440439	0.	2.2792E-09	2.2792E-09	TONs
Chromium	7440473	0.	2.9008E-09	2.9008E-09	TONs
Chrysene	218019	0.	9.324E-09	9.324E-09	TONs
Cobalt	7440484	0.	1.74048E-10	1.74048E-10	TONs
Dibenzo[A,H]Anthracene	53703	0.	6.216E-09	6.216E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	8.288E-08	8.288E-08	TONs
Fluoranthene	206440	0.	3.108E-08	3.108E-08	TONs
Fluorene	86737	0.	2.9008E-08	2.9008E-08	TONs
Formaldehyde	50000	0.	7.77E-04	7.77E-04	TONs
Hexane, N-	110543	0.	0.018648	0.018648	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	9.324E-09	9.324E-09	TONs
MN - Manganese	7439965	0.	2.05237E-04	2.05237E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	2.6936E-06	2.6936E-06	TONs
Methylcholanthrene, 3-	56495	0.	9.324E-09	9.324E-09	TONs
Methylnaphthalene, 2-	91576	0.	2.4864E-07	2.4864E-07	TONs
Naphthalene	91203	0.	6.3196E-06	6.3196E-06	TONs
Nickel	7440020	0.	4.3512E-09	4.3512E-09	TONs
Phenanthrene	85018	0.	1.7612E-07	1.7612E-07	TONs
Polycyclic Organic Matter	246	0.	6.84467E-06	6.84467E-06	TONs
Pyrene	129000	0.	5.18E-08	5.18E-08	TONs
Selenium	7782492	0.	2.4864E-11	2.4864E-11	TONs
Toluene	108883	0.	3.5224E-05	3.5224E-05	TONs

- **Processes**

- Process & Emissions Detail

Name: P925-Casthouse

Source Classification Code (SCC): 3-03-008-25

- 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
Material	Processed	2280402	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: ENG. JUDGEMENT			0	295.31	295.31	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	34.21	34.21	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	17.45	17.45	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	7.87	7.87	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	295.31	295.31	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								329.52	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
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	0.0018	0.	2.05236E-04	2.05236E-04	TONs	

- **Process & Emissions Detail**

Name: P925-BF Slips

Source Classification Code (SCC): 3-03-008-26

- 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
Slip	Occurred	15	EACH

- 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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	1.35	1.35	TONs	

PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	1.35	1.35	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	1.35	1.35	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0.34	0.34	TONs	From Pressure Relief Valve malfunction on September 23, 2008.
Total of Chargable Pollutants								1.35	TONS	

- Process & Emissions Detail

Name: P925-BFG

Source Classification Code (SCC): 1-02-007-04

- 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
Process Gas	Burned	78226.7	MILLION CUBIC FEET

Variable	Amount	Meaning
S	0.02	% Sulfur content by weight

- **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	56.77	56.77	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	558.46	558.46	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	44.91	44.91	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	3.51	3.51	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	6.16	6.16	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	6.16	6.16	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	6.16	6.16	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	3.51	3.51	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon	CO		emissions:			0	9830.76	9,830.76	TONs	

Monoxide			ENG. JUDGEMENT							
Total of Chargable Pollutants								613.04	TONS	

- Process & Emissions Detail

Name: P925-NG

Source Classification Code (SCC): 1-03-006-01

- 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: 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	20.72	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1018	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	0.06	0.06	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0.01	0.01	TONs	

NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	2.90	2.9	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0.11	0.11	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0.06	0.06	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0.87	0.87	TONs	
Total of Chargable Pollutants								3.04	TONS	

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- **Process Emissions**

Pollutant	Code	Method	Hours	UnCont.	Fugitive	Stack	Total	Unit	Explanation

		Used	UnCont.	Factor (LBS/X)	Amount	Amount		s	
Acenaphthene	83329	factor:OEPA (auto calculate)	0	9E-07	0.	9.324E-09	9.324E-09	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	0	9E-07	0.	9.324E-09	9.324E-09	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	0	0.0212762	0.	2.20421E-04	2.20421E-04	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	0	0.018324	0.	1.89837E-04	1.89837E-04	TONs	
Anthracene	120127	factor:OEPA (auto calculate)	0	1.2E-06	0.	1.2432E-08	1.2432E-08	TONs	
Arsenic	7440382	factor:OEPA (auto calculate)	0	2E-04	0.	4.144E-10	4.144E-10	TONs	
Benz[A]Anthracene	56553	factor:OEPA (auto calculate)	0	9E-07	0.	9.324E-09	9.324E-09	TONs	
Benzene	71432	factor:OEPA (auto calculate)	0	0.0021	0.	2.1756E-05	2.1756E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEPA (auto calculate)	0	6E-07	0.	6.216E-09	6.216E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEPA (auto calculate)	0	9E-07	0.	9.324E-09	9.324E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEPA (auto calculate)	0	6E-07	0.	6.216E-09	6.216E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEPA (auto calculate)	0	9E-07	0.	9.324E-09	9.324E-09	TONs	
Beryllium	7440417	factor:OEPA (auto calculate)	0	6E-06	0.	1.2432E-11	1.2432E-11	TONs	
Cadmium	7440439	factor:OEP	0	0.0011	0.	2.2792E-09	2.2792E-09	TONs	

		A (auto calculate)							
Chromium	7440473	factor:OEP A (auto calculate)	0	0.0014	0.	2.9008E-09	2.9008E-09	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	9E-07	0.	9.324E-09	9.324E-09	TONs	
Cobalt	7440484	factor:OEP A (auto calculate)	0	8.4E-05	0.	1.74048E-10	1.74048E-10	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	0	6E-07	0.	6.216E-09	6.216E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	0	8E-06	0.	8.288E-08	8.288E-08	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	0	3E-06	0.	3.108E-08	3.108E-08	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	0	2.8E-06	0.	2.9008E-08	2.9008E-08	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	0	0.075	0.	7.77E-04	7.77E-04	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	0	1.8	0.	0.018648	0.018648	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEP A (auto calculate)	0	9E-07	0.	9.324E-09	9.324E-09	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	0	3.8E-04	0.	7.8736E-10	7.8736E-10	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	0	2.6E-04	0.	2.6936E-06	2.6936E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEP A (auto	0	9E-07	0.	9.324E-09	9.324E-09	TONs	

		calculate)							
Methylnaphthalene, 2-	91576	factor:OEPA (auto calculate)	0	2.4E-05	0.	2.4864E-07	2.4864E-07	TONs	
Naphthalene	91203	factor:OEPA (auto calculate)	0	6.1E-04	0.	6.3196E-06	6.3196E-06	TONs	
Nickel	7440020	factor:OEPA (auto calculate)	0	0.0021	0.	4.3512E-09	4.3512E-09	TONs	
Phenanthrene	85018	factor:OEPA (auto calculate)	0	1.7E-05	0.	1.7612E-07	1.7612E-07	TONs	
Polycyclic Organic Matter	246	factor:OEPA (auto calculate)	0	6.60682E-04	0.	6.84467E-06	6.84467E-06	TONs	
Pyrene	129000	factor:OEPA (auto calculate)	0	5E-06	0.	5.18E-08	5.18E-08	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	0	1.2E-05	0.	2.4864E-11	2.4864E-11	TONs	
Toluene	108883	factor:OEPA (auto calculate)	0	0.0034	0.	3.5224E-05	3.5224E-05	TONs	

Emission Unit Summary: P926

Oct 9 2011, 16:08:59

Emissions Unit ID: P926

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.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	0.	0.	TONs	
Pb - Lead	7439921	X	0.	0.05	0.05	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	32.83	32.83	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	26.71	26.71	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	25.66	25.66	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.	0.	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	1,280.59	1,280.59	TONs	X
Total of Chargable Pollutants					32.88	TONS	

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Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
MN - Manganese	7439965	0.	0.106332	0.106332	TONs

- Processes

- Process & Emissions Detail

Name: P926-Tapping

Source Classification Code (SCC): 3-03-009-17

- **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
Material	Produced	1399109	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	18.89	18.89	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL		emissions: ENG.			0	13.31	13.31	TONs	

Filterable Portion Only			JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	12.50	12.5	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								18.89	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
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	0.0092	0.	0.064359	0.064359	TONs	

- **Process & Emissions Detail**

Name: P926-BOF

Source Classification Code (SCC): 3-03-009-14

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

Schedule Trade Secret:

Hours Per Day: 24

Winter (Dec - Feb)%: 25

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	1399109	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: STACK TEST			0	4.20	4.2	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	4.20	4.2	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable	PM25-FIL		emissions: ENG. JUDGEMENT			0	4.20	4.2	TONs	

Portion Only										
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1280.59	1,280.59	TONs	
Total of Chargable Pollutants								4.25	TONS	

- Process & Emissions Detail

Name: P926-Charging

Source Classification Code (SCC): 3-03-009-16

- 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
Material	Produced	1399109	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	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

1 Micron)										
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	9.74	9.74	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	9.20	9.2	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	8.96	8.96	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								9.74	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
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	0.006	0.	0.0419733	0.0419733	TONs	

Emission Unit Summary: P927

Oct 9 2011, 16:08:59

Emissions Unit ID: P927

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.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	0.	0.	TONs	
Pb - Lead	7439921	X	0.	0.05	0.05	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	38.45	38.45	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	32.1	32.1	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	31.01	31.01	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.	0.	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	1,280.59	1,280.59	TONs	X
Total of Chargable Pollutants					38.5	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
MN - Manganese	7439965	0.	0.110434	0.110434	TONs

- Processes

- Process & Emissions Detail

Name: P927-BOF

Source Classification Code (SCC): 3-03-009-14

- **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
Material	Produced	1453074	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0.05	0.05	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: STACK TEST			0	8.72	8.72	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL		emissions: ENG.			0	8.72	8.72	TONs	

Filterable Portion Only			JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	8.72	8.72	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	1280.59	1,280.59	TONs	
Total of Chargable Pollutants								8.77	TONS	

- Process & Emissions Detail

Name: P927-Charging

Source Classification Code (SCC): 3-03-009-16

- 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
Material	Produced	1453074	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	10.11	10.11	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	9.56	9.56	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	9.31	9.31	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								10.11	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
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	0.006	0.	0.0435922	0.0435922	TONs	

Process & Emissions Detail

Name: P927-Tapping

Source Classification Code (SCC): 3-03-009-17

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
Material	Produced	1453074	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	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

(All Less than 1 Micron)										
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	19.62	19.62	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	13.82	13.82	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	12.98	12.98	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								19.62	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
MN - Manganese	7439965	factor:OEPA (auto calculate)	0	0.0092	0.	0.0668414	0.0668414	TONs	

Emission Unit Summary: P934

Oct 9 2011, 16:08:59

Emissions Unit ID: P934

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	1.04	1.04	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	1.04	1.04	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	1.04	1.04	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.04	TONS	

- Processes

- Process & Emissions Detail

Name: P934-CAS/OB

Source Classification Code (SCC): 3-03-009-99

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8520

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	1795836	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	1.04	1.04	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	1.04	1.04	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	1.04	1.04	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								1.04	TONS	

Emission Unit Summary: P935

Oct 9 2011, 16:08:59

Emissions Unit ID: P935

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.56	0.56	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.56	0.56	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.56	0.56	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	321.87	321.87	TONs	X
Total of Chargable Pollutants					0.56	TONS	

- Processes

- Process & Emissions Detail

Name: P935-Vacuum Degas

Source Classification Code (SCC): 3-03-009-99

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 1843

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Produced	1013496	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: ENG. JUDGEMENT			0	0	0.	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0.56	0.56	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0.56	0.56	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.56	0.56	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	321.87	321.87	TONs	
Total of Chargable Pollutants								0.56	TONS	

Emission Unit Summary: P956

Oct 9 2011, 16:08:59

Emissions Unit ID: P956

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
Total of Chargable Pollutants					0.	TONS	

- Processes

- Process & Emissions Detail

Name: P956-O Desulf

Source Classification Code (SCC): 3-03-009-20

- 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: 0

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Material	Processed	0	TONs

- Process Emissions

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Total of Chargable Pollutants								0.	TONS	

Emission Unit Summary: T021

Oct 9 2011, 16:08:59

Emissions Unit ID: T021

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	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	2.49	0	2.49	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		2.49	0	2.49	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.49	TONS	

- Processes

- Process & Emissions Detail

Name: Tar Storage Tank

Source Classification Code (SCC): 3-03-003-36

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 39

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
Coke	Produced	442857	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: ENG. JUDGEMENT			2.49	0	2.49	TONs	
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			2.49	0	2.49	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								2.49	TONS	