

**TV FER/EIS Emissions Report (201230) for 2010**  
**INEOS ABS (USA) Corporation**  
**1431010054**  
**April 12, 2011**



Acetaldehyde	75070	0.	9.86114E-04	9.86114E-04	TONs
Acrolein	107028	0.	8.49285E-04	8.49285E-04	TONs
Anthracene	120127	0.	7.15768E-05	7.15768E-05	TONs
Arsenic	7440382	0.	0.124577	0.124577	TONs
Benz[A]Anthracene	56553	0.	0.249036	0.249036	TONs
Benzene	71432	0.	0.00140687	0.00140687	TONs
Benzo[A]Pyrene	50328	0.	5.60738E-07	5.60738E-07	TONs
Benzo[B]Fluoranthene	205992	0.	3.97759E-05	3.97759E-05	TONs
Benzo[G,H,I,]Perylene	191242	0.	0.0123228	0.0123228	TONs
Benzo[K]Fluoranthene	207089	0.	4.24643E-08	4.24643E-08	TONs
Beryllium	7440417	0.	1.55156E-04	1.55156E-04	TONs
Cadmium	7440439	0.	0.0100483	0.0100483	TONs
Chromium	7440473	0.	0.281153	0.281153	TONs
Chrysene	218019	0.	0.0414741	0.0414741	TONs
Cobalt	7440484	0.	3.96333E-06	3.96333E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	2.83095E-08	2.83095E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	3.7746E-07	3.7746E-07	TONs
Fluoranthene	206440	0.	1.76242E-05	1.76242E-05	TONs
Fluorene	86737	0.	1.28469E-05	1.28469E-05	TONs
Formaldehyde	50000	0.	0.206429	0.206429	TONs
Heptachlorodibenzo-P-Dioxin, 1,2,3,4,6,7,8-	35822469	0.	5.96001E-09	5.96001E-09	TONs
Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	67562394	0.	1.39067E-09	1.39067E-09	TONs
Hexachlorodibenzo-P-Dioxin	34465468	0.	2.46347E-09	2.46347E-09	TONs
Hexachlorodibenzo-P-Dioxin, 1,2,3,4,7,8-	39227286	0.	2.7416E-10	2.7416E-10	TONs
Hexachlorodibenzo-P-Dioxin, 1,2,3,7,8,9-	19408743	0.	3.01974E-10	3.01974E-10	TONs
Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648269	0.	6.71112E-09	6.71112E-09	TONs
Hexane, N-	110543	0.	0.0849285	0.0849285	TONs
Hydrochloric Acid (Hydrogen Chloride)	7647010	0.	55.362	55.362	TONs
Hydrogen Fluoride (Hydrofluoric Acid)	7664393	0.	5.04825	5.04825	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	4.24643E-08	4.24643E-08	TONs
MN - Manganese	7439965	0.	3.27675E-04	3.27675E-04	TONs

Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.6714E-04	1.6714E-04	TONs
Methylcholanthrene, 3-	56495	0.	4.24643E-08	4.24643E-08	TONs
Methylnaphthalene, 2-	91576	0.	1.13238E-06	1.13238E-06	TONs
Naphthalene	91203	0.	0.00678347	0.00678347	TONs
Nickel	7440020	0.	2.53956E-04	2.53956E-04	TONs
Octachlorodibenzo-P-Dioxin	3268879	0.	6.35735E-08	6.35735E-08	TONs
Octachlorodibenzofuran	39001020	0.	4.76801E-09	4.76801E-09	TONs
Pentachlorodibenzofuran, 1,2,3,7,8-	57117416	0.	3.09745E-09	3.09745E-09	TONs
Pentachlorodibenzofuran, 2,3,4,7,8-	57117314	0.	5.16242E-09	5.16242E-09	TONs
Phenanthrene	85018	0.	0.00194774	0.00194774	TONs
Polycyclic Organic Matter	246	0.	1.39347	1.39347	TONs
Pyrene	129000	0.	1.29507E-05	1.29507E-05	TONs
Selenium	7782492	0.	7.7493E-04	7.7493E-04	TONs
Styrene	100425	0.	7.513	7.513	TONs
Tetrachlorodibenzofuran, 2,3,7,8-	51207319	0.	3.25232E-08	3.25232E-08	TONs
Toluene	108883	0.	1.6042E-04	1.6042E-04	TONs
Total Heptachlorodibenzo-P-Dioxin	37871004	0.	7.94669E-09	7.94669E-09	TONs
Total Pentachlorodibenzofuran	30402154	0.	1.9072E-10	1.9072E-10	TONs

- **Attachments**

Description	Type	Public Document	Trade Secret Document	Trade secret Justification
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- **Notes**

User Name	Date	Note
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**Emission Units Without Detailed Emissions**

Oct 9 2011, 15:55:35

Emission Unit	Why Excluded	Company Equipment ID
B002	Did Not Operate	BOILER #5
F002	Exemption Status = De minimis	PLANT ROADWAYS
J001	Did Not Operate	STYRENE LOADING

P022	Did Not Operate	SAN #1B POLY
P035	Did Not Operate	CMPD #14
P036	Did Not Operate	ABS #3 DRYING
T007	Did Not Operate	C-1 TANK
T010	Exemption Status = De minimis	C-4 TANK
T014	Did Not Operate	C-8 TANK
T032	Exemption Status = De minimis	WWTP ALUM TANK
T033	Exemption Status = De minimis	WWTP NAOH TANK
T034	Exemption Status = De minimis	WWTP SOD BSF TK
T035	Exemption Status = De minimis	A-18 TANK
T038	Exemption Status = De minimis	A-20 TANK
T039	Exemption Status = De minimis	BLR NAOH TANK
T040	Exemption Status = De minimis	A-19 TANK
T041	Exemption Status = De minimis	H2S04 TANK
T046	Exemption Status = De minimis	TR70 TANK
T047	Exemption Status = De minimis	DAM TANK
T054	Did Not Operate	B30 EB TANK
Z008	Did Not Operate	9 CAT WH TANK
Z009	Did Not Operate	7AO TANK
Z014	Exemption Status = De minimis	B30 FUEL OIL TK
Z015	Exemption Status = De minimis	COLD CLNR #1
Z016	Exemption Status = De minimis	COLD CLNR #2
Z017	Exemption Status = De minimis	COLD CLNR #3
Z018	Exemption Status = De minimis	B30 LAB AREA
Z019	Exemption Status = De minimis	B8 LAB AREA
Z020	Exemption Status = De minimis	B1 LAB AREA
Z021	Exemption Status = De minimis	B4 SAMPLE HOOD
Z022	Exemption Status = De minimis	B11 LAB AREA
Z023	Exemption Status = De minimis	CFC RECOV #1
Z024	Exemption Status = De minimis	CFC RECOV #2
Z025	Exemption Status = De minimis	9 SALT MB TANK

Z026	Exemption Status = De minimis	9 SALT WGH TANK
Z027	Exemption Status = De minimis	9 NAHCO3 TANK
Z028	Exemption Status = De minimis	9 CALFAX MB TANK
Z029	Exemption Status = De minimis	9 MGS04 TK#1
Z030	Exemption Status = De minimis	9 MGS04 TK#2
Z031	Exemption Status = De minimis	9 BD CAUSTIC TK
Z032	Exemption Status = De minimis	9 BD H2O TK
Z033	Exemption Status = De minimis	7 MGSO4 TK
Z034	Exemption Status = De minimis	C9 SA MB TK
Z035	Exemption Status = De minimis	C9 SALT MB TK
Z036	Exemption Status = De minimis	EM FIRE PUMP 1
Z037	Exemption Status = De minimis	EM FIRE PUMP 2
Z038	Exemption Status = De minimis	EM FIRE PUMP 3
Z039	Exemption Status = De minimis	EM FIRE PUMP 4
Z040	Exemption Status = De minimis	EM FIRE PUMP 5
Z048	Exemption Status = De minimis	B8 BLENDING LINE
Z049	Exemption Status = De minimis	E CAT WGH TK
Z050	Exemption Status = De minimis	CP FURNACE
Z051	Exemption Status = De minimis	B1 RESEARCH LAB
Z052	Exemption Status = De minimis	BLR Deposit Inh tank
Z053	Exemption Status = De minimis	BLR Spent Acid tank
Z054	Exemption Status = De minimis	BLR Acid Neutr. tank
Z055	Exemption Status = De minimis	BLR Corrosion Inh tank
Z056	Exemption Status = De minimis	B30 SM truck loading
Z057	Exemption Status = De minimis	B9 SM truck loading

**Report Pollutant Summary: Total Emissions (Tons)**

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
<b>B005</b>	<b>1-02-005-01</b>	5.5835E-04	1.52472E-05	0.010308	1.4603E-04	4.9E-07	8.59E-04	4.295E-04	4.295E-04	1.4603E-04	0.	0.0021475
<b>B005</b>	<b>1-02-006-02</b>	0.0874266	0.0092028	1.5338	0.168718	7.669E-06	0.0291422	0.029	0.029	0.084359	0.	1.28839
<b>B006</b>	<b>1-02-006-01</b>	0.148066	0.0155859	7.27342	0.285742	1.29883E-	0.0493554	0.0493554	0.0493554	0.142871	0.	2.18203

						05						
<b>B006</b>	<b>1-02-005-01</b>											
<b>B006</b>	<b>1-02-004-01</b>											
<b>B007</b>	<b>1-02-002-04</b>	0.215	485.978	185.102	1.00965	0.0070675 5	13.206	12.942	0.369	1.00965	0.	58.154
<b>B008</b>	<b>1-02-006-03</b>	0.0334476	0.0035208	0.5868	0.064548	2.934E-06	0.0111492	0.0111492	0.0111492	0.032274	0.	0.492912
<b>F001</b>	<b>1-02-002-04</b>	0.002	0.	0.	0.	0.	0.11	0.022	0.022	0.	0.	0.
<b>G001</b>	<b>4-06-001-31</b>	0.	0.	0.	0.36	0.	0.	0.	0.	0.36	0.	0.
<b>P001</b>	<b>3-01-018-49</b>	0.	0.	0.	1.748	0.	0.	0.	0.	1.748	0.	0.
<b>P004</b>	<b>3-01-018-99</b>	0.004	0.	0.	1.783	0.	0.39	0.2	0.1	1.783	0.	0.
<b>P010</b>	<b>3-01-018-49</b>	0.06	0.	0.	0.049	0.	5.62	2.84	1.42	0.049	0.	0.
<b>P015</b>	<b>3-01-018-99</b>	0.005	0.	0.	2.46	0.	0.54	0.27	0.14	2.46	0.	0.
<b>P021</b>	<b>3-01-018-99</b>	0.001	0.	0.	0.002	0.	0.06	0.03	0.02	0.002	0.	0.
<b>P029</b>	<b>3-01-018-49</b>	0.06	0.	0.	0.405	0.	5.97	2.98	1.49	0.405	0.	0.
<b>P030</b>	<b>3-01-018-49</b>	0.02	0.	0.	0.159	0.	2.34	1.17	0.58	0.159	0.	0.
<b>P031</b>	<b>3-01-018-49</b>	0.03	0.	0.	0.218	0.	3.22	1.61	0.8	0.218	0.	0.
<b>P039</b>	<b>3-01-018-99</b>	0.02	0.	0.	0.6	0.	1.52	0.77	0.38	0.6	0.	0.
<b>P040</b>	<b>3-01-018-99</b>	0.02	0.	0.	0.6	0.	1.52	0.77	0.38	0.6	0.	0.
<b>P042</b>	<b>3-01-018-49</b>	0.007	0.	0.	0.83	0.	0.67	0.34	0.17	0.83	0.	0.
<b>P047</b>	<b>3-01-018-49</b>	0.006	0.	0.	0.82	0.	0.6	0.3	0.15	0.82	0.	0.
<b>P048</b>	<b>3-01-018-99</b>	0.	0.	0.	0.115	0.	0.	0.	0.	0.115	0.	0.
<b>P049</b>	<b>1-02-005-01</b>	5E-04	0.012	0.189	0.003	0.	7E-04	5E-04	3E-04	0.003	0.	0.053
<b>P050</b>	<b>3-01-018-49</b>	0.001	0.	0.	0.	0.	0.061	0.03	0.015	0.	0.	0.
<b>P901</b>	<b>3-01-018-49</b>	0.163	0.	0.	0.	0.	16.173	8.086	4.043	0.	0.	0.
<b>P902</b>	<b>3-01-018-49</b>	0.07	0.	0.	0.	0.	6.95	3.48	1.74	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
<b>P903</b>	<b>3-01-018-49</b>	0.126	0.	0.	0.	0.	12.428	6.214	3.107	0.	0.	0.
<b>T003</b>	<b>4-07-036-13</b>	0.	0.	0.	0.297	0.	0.	0.	0.	0.297	0.	0.
<b>T003</b>	<b>4-07-036-14</b>	0.	0.	0.	0.824	0.	0.	0.	0.	0.824	0.	0.
<b>T004</b>	<b>4-07-036-13</b>	0.	0.	0.	0.277	0.	0.	0.	0.	0.277	0.	0.

T004	4-07-036-14	0.	0.	0.	0.795	0.	0.	0.	0.	0.795	0.	0.
T005	4-07-999-97	0.	0.	0.	0.193	0.	0.	0.	0.	0.193	0.	0.
T006	4-07-820-01	0.	0.	0.	0.023	0.	0.	0.	0.	0.023	0.	0.
T008	4-07-999-97	0.	0.	0.	0.012	0.	0.	0.	0.	0.012	0.	0.
T011	4-07-999-97	0.	0.	0.	0.338	0.	0.	0.	0.	0.338	0.	0.
T012	4-07-036-13	0.	0.	0.	1.286	0.	0.	0.	0.	1.286	0.	0.
T012	4-07-036-14	0.	0.	0.	0.915	0.	0.	0.	0.	0.915	0.	0.
T013	4-07-036-14	0.	0.	0.	0.915	0.	0.	0.	0.	0.915	0.	0.
T013	4-07-036-13	0.	0.	0.	1.146	0.	0.	0.	0.	1.146	0.	0.
T016	4-07-999-97	0.	0.	0.	6.72E-06	0.	0.	0.	0.	6.72E-06	0.	0.
T020	4-07-999-97	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
T021	4-07-999-97	0.	0.	0.	0.021	0.	0.	0.	0.	0.021	0.	0.
T022	4-07-999-97	0.	0.	0.	0.01	0.	0.	0.	0.	0.01	0.	0.
T023	4-07-999-97	0.	0.	0.	0.001	0.	0.	0.	0.	0.001	0.	0.
T024	4-07-068-97	0.	0.	0.	0.076	0.	0.	0.	0.	0.076	0.	0.
T024	4-07-068-98	0.	0.	0.	0.007	0.	0.	0.	0.	0.007	0.	0.
T025	4-07-999-97	0.	0.	0.	0.083	0.	0.	0.	0.	0.083	0.	0.
T026	4-07-999-97	0.	0.	0.	0.01	0.	0.	0.	0.	0.01	0.	0.
T027	4-07-068-97	0.	0.	0.	0.097	0.	0.	0.	0.	0.097	0.	0.
T027	4-07-068-98	0.	0.	0.	0.068	0.	0.	0.	0.	0.068	0.	0.
T028	4-07-999-97	0.	0.	0.	0.009	0.	0.	0.	0.	0.009	0.	0.
T031	4-07-999-97	0.	0.	0.	1.04E-05	0.	0.	0.	0.	1.04E-05	0.	0.

**Report Pollutant Summary (continued)**

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
T036	4-07-999-97	0.	0.	0.	0.009	0.	0.	0.	0.	0.009	0.	0.
T037	4-07-999-97	0.	0.	0.	0.013	0.	0.	0.	0.	0.013	0.	0.
T044	4-07-999-97	0.	0.	0.	0.023	0.	0.	0.	0.	0.023	0.	0.
T045	4-07-008-11	0.	0.	0.	0.01	0.	0.	0.	0.	0.01	0.	0.
T045	4-07-008-12	0.	0.	0.	0.002	0.	0.	0.	0.	0.002	0.	0.
T050	4-07-999-97											

<b>T051</b>	<b>4-07-999-97</b>											
<b>Z001</b>	<b>3-01-888-01</b>	0.	0.	0.	25.35	0.	0.	0.	0.	25.35	0.	0.
<b>Z002</b>	<b>3-01-900-13</b>	0.119016	0.012528	6.899	0.22968	1.044E-05	0.039672	0.039672	0.039672	0.11484	0.	1.75392
<b>Z003</b>	<b>3-01-900-13</b>	0.11217	0.0118074	0.133817	0.275506	9.8395E-06	0.0373901	0.0373901	0.0373901	0.275506	0.	0.728123
<b>Z004</b>	<b>4-07-999-97</b>	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
<b>Z005</b>	<b>4-07-999-97</b>	0.	0.	0.	0.017	0.	0.	0.	0.	0.017	0.	0.
<b>Z006</b>	<b>4-07-999-97</b>	0.	0.	0.	0.002	0.	0.	0.	0.	0.002	0.	0.
<b>Z007</b>	<b>4-07-999-97</b>	0.	0.	0.	0.005	0.	0.	0.	0.	0.005	0.	0.
<b>Z010</b>	<b>4-07-999-97</b>	0.	0.	0.	0.002	0.	0.	0.	0.	0.002	0.	0.
<b>Z011</b>	<b>4-07-999-97</b>	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
<b>Z012</b>	<b>4-07-999-97</b>	0.	0.	0.	0.001	0.	0.	0.	0.	0.001	0.	0.
<b>Z013</b>	<b>4-07-999-97</b>	0.	0.	0.	0.002	0.	0.	0.	0.	0.002	0.	0.
<b>Z042</b>	<b>4-07-999-97</b>	0.	0.	0.	0.003	0.	0.	0.	0.	0.003	0.	0.
<b>Total</b>		1.31118	486.043	201.728	45.028	0.0071119 1	71.5463	42.2215	15.0933	44.6537	0.	64.6545

## Emission Unit Summary: B005

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Emissions Unit ID: B005

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.0879849	0.0879849	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.00921805	0.00921805	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	1.54411	1.54411	TONs	
Organic Compounds	OC	X	0.	0.168864	0.168864	TONs	
Pb - Lead	7439921	X	0.	8.159E-06	8.159E-06	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.0300012	0.0300012	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.0294295	0.0294295	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.0294295	0.0294295	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.084505	0.084505	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	1.29054	1.29054	TONs	
Total of Chargable Pollutants					1.7522	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;   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.	2.41439E-07	2.41439E-07	TONs
Acenaphthylene	208968	0.	9.97042E-08	9.97042E-08	TONs
Acetaldehyde	75070	0.	3.20564E-04	3.20564E-04	TONs
Acrolein	107028	0.	2.76084E-04	2.76084E-04	TONs
Anthracene	120127	0.	9.57156E-08	9.57156E-08	TONs
Arsenic	7440382	0.	3.28312E-06	3.28312E-06	TONs

Benz[A]Anthracene	56553	0.	2.46827E-07	2.46827E-07	TONs
Benzene	71432	0.	3.33909E-05	3.33909E-05	TONs
Benzo[A]Pyrene	50328	0.	9.77833E-09	9.77833E-09	TONs
Benzo[B]Fluoranthene	205992	0.	5.67542E-08	5.67542E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	9.2028E-09	9.2028E-09	TONs
Benzo[K]Fluoranthene	207089	0.	1.38042E-08	1.38042E-08	TONs
Beryllium	7440417	0.	2.53669E-07	2.53669E-07	TONs
Cadmium	7440439	0.	1.70334E-05	1.70334E-05	TONs
Chromium	7440473	0.	2.16348E-05	2.16348E-05	TONs
Chrysene	218019	0.	1.80608E-08	1.80608E-08	TONs
Cobalt	7440484	0.	1.28839E-06	1.28839E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	9.2028E-09	9.2028E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.22704E-07	1.22704E-07	TONs
Fluoranthene	206440	0.	6.4912E-08	6.4912E-08	TONs
Fluorene	86737	0.	5.66904E-08	5.66904E-08	TONs
Formaldehyde	50000	0.	0.00115593	0.00115593	TONs
Heptachlorodibenzo-P-Dioxin, 1,2,3,4,6,7,8-	35822469	0.	6.4425E-12	6.4425E-12	TONs
Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	67562394	0.	1.50325E-12	1.50325E-12	TONs
Hexachlorodibenzo-P-Dioxin	34465468	0.	2.6629E-12	2.6629E-12	TONs
Hexachlorodibenzo-P-Dioxin, 1,2,3,4,7,8-	39227286	0.	2.96355E-13	2.96355E-13	TONs
Hexachlorodibenzo-P-Dioxin, 1,2,3,7,8,9-	19408743	0.	3.2642E-13	3.2642E-13	TONs
Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648269	0.	7.00446E-12	7.00446E-12	TONs
Hexane, N-	110543	0.	0.0276084	0.0276084	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.38042E-08	1.38042E-08	TONs
MN - Manganese	7439965	0.	6.15172E-06	6.15172E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	4.14952E-06	4.14952E-06	TONs
Methylcholanthrene, 3-	56495	0.	1.38042E-08	1.38042E-08	TONs
Methylnaphthalene, 2-	91576	0.	3.68112E-07	3.68112E-07	TONs
Naphthalene	91203	0.	1.66577E-05	1.66577E-05	TONs
Nickel	7440020	0.	3.23714E-05	3.23714E-05	TONs
Octachlorodibenzo-P-Dioxin	3268879	0.	6.872E-11	6.872E-11	TONs

Octachlorodibenzofuran	39001020	0.	5.154E-12	5.154E-12	TONs
Pentachlorodibenzofuran, 1,2,3,7,8-	57117416	0.	3.23282E-12	3.23282E-12	TONs
Pentachlorodibenzofuran, 2,3,4,7,8-	57117314	0.	5.38803E-12	5.38803E-12	TONs
Phenanthrene	85018	0.	2.3653E-06	2.3653E-06	TONs
Polycyclic Organic Matter	246	0.	1.13717E-05	1.13717E-05	TONs
Pyrene	129000	0.	9.0434E-08	9.0434E-08	TONs
Selenium	7782492	0.	9.92263E-07	9.92263E-07	TONs
Tetrachlorodibenzofuran, 2,3,7,8-	51207319	0.	3.39446E-11	3.39446E-11	TONs
Toluene	108883	0.	5.21492E-05	5.21492E-05	TONs
Total Heptachlorodibenzo-P-Dioxin	37871004	0.	8.59E-12	8.59E-12	TONs
Total Pentachlorodibenzofuran	30402154	0.	2.0616E-13	2.0616E-13	TONs

- **Processes**

- **Process & Emissions Detail**

Name: B30 Therminol Oil

Source Classification Code (SCC): 1-02-005-01

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 50

Hours Per Year: 11

Winter (Dec - Feb)%: 100

Spring (March-May)%: 0

Summer (June-Aug)%: 0

Fall (Sept-Nov)%: 0

Material	Material Action	Throughput	X Units
Distillate Oil	Burned	0.859	1000 GALLONS

Variable	Amount	Meaning
HCl	125449	Liquid Heat Content (Btu/gallons)
S	0.00025	% 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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	factor:OEP A (auto calculate)	11	1.3	0.	5.5835E-04	5.5835E-04	TONs	
SO2 - Sulfur Dioxide	SO2	X factor:OEP A (auto calculate)	11	0.0355	0.	1.52472E-05	1.52472E-05	TONs	
NOx - Nitrogen Oxides	NOX	X factor:OEP A (auto calculate)	11	24	0.	0.010308	0.010308	TONs	
Organic Compounds	OC	X factor:ENG . JUDGEMENT	11	0.34	0.	1.4603E-04	1.4603E-04	TONs	
Pb - Lead	7439921	X emissions:ENG. JUDGEMENT			0	0.00000049	4.9E-07	TONs	Pb = 0.859 kgal X 1.25 E+08 BTU/kgal X 9 lb Pb/kgal X 1/E+12 = 9.70 E-04 lb Pb = 4.85 E-07 tpy
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X factor:OEP A (auto calculate)	11	2	0.	8.59E-04	8.59E-04	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	factor:OEP A (auto calculate)	11	1	0.	4.295E-04	4.295E-04	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	factor:ENG . JUDGEMENT	11	1	0.	4.295E-04	4.295E-04	TONs	PM 2.5 = PM 10 = 60.1% of PM
VOC - Volatile Organic Compounds	VOC	factor:ENG . JUDGEMENT	11	0.34	0.	1.4603E-04	1.4603E-04	TONs	
Ammonia	NH3	emissions:ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon	CO	factor:ENG	11	5	0.	0.0021475	0.0021475	TONs	

Monoxide		JUDGEMENT							
Total of Chargable Pollutants							0.0113288	TONS	

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

**Process Emissions**

Pollutant	Code	Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Acenaphthene	83329	factor:OEP A (auto calculate)	11	5.3E-04	0.	2.27635E-07	2.27635E-07	TONs	
Acenaphthylene	208968	factor:OEP A (auto calculate)	11	2E-04	0.	8.59E-08	8.59E-08	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	11	1.8E-04	0.	7.731E-08	7.731E-08	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	11	5.01796E-04	0.	2.15521E-07	2.15521E-07	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	11	5.42544E-04	0.	2.33023E-07	2.33023E-07	TONs	
Benzene	71432	factor:OEP A (auto calculate)	11	0.00275	0.	1.18112E-06	1.18112E-06	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	11	1.34E-06	0.	5.7553E-10	5.7553E-10	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	11	1E-04	0.	4.295E-08	4.295E-08	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	11	3.76347E-04	0.	1.61641E-07	1.61641E-07	TONs	

		calculate)							
Cadmium	7440439	factor:OEP A (auto calculate)	11	3.76347E -04	0.	1.61641E-07	1.61641E-07	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	11	3.76347E -04	0.	1.61641E-07	1.61641E-07	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	11	9.91047E -06	0.	4.25655E-09	4.25655E-09	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	11	4.4E-05	0.	1.8898E-08	1.8898E-08	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	11	3.2E-05	0.	1.3744E-08	1.3744E-08	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	11	0.013	0.	5.5835E-06	5.5835E-06	TONs	
Heptachlorodibenzo-P-Dioxin, 1,2,3,4,6,7,8-	3582246 9	factor:OEP A (auto calculate)	11	1.5E-08	0.	6.4425E-12	6.4425E-12	TONs	
Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	6756239 4	factor:OEP A (auto calculate)	11	3.5E-09	0.	1.50325E-12	1.50325E-12	TONs	
Hexachlorodibenzo-P-Dioxin	3446546 8	factor:OEP A (auto calculate)	11	6.2E-09	0.	2.6629E-12	2.6629E-12	TONs	
Hexachlorodibenzo-P-Dioxin, 1,2,3,4,7,8-	3922728 6	factor:OEP A (auto calculate)	11	6.9E-10	0.	2.96355E-13	2.96355E-13	TONs	
Hexachlorodibenzo-P-Dioxin, 1,2,3,7,8,9-	1940874 3	factor:OEP A (auto calculate)	11	7.6E-10	0.	3.2642E-13	3.2642E-13	TONs	
Hexachlorodibenzofuran, 1,2,3,4,7,8-	7064826 9	factor:OEP A (auto calculate)	11	1.63084E -08	0.	7.00446E-12	7.00446E-12	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	11	7.52694E -04	0.	3.23282E-07	3.23282E-07	TONs	
Mercury, as HG; Alkyl & Aryl	7439976	factor:OEP A (auto calculate)	11	3.76347E -04	0.	1.61641E-07	1.61641E-07	TONs	

CMPNDS; Elemental & Inorganic Forms		calculate)								
Naphthalene	91203	factor:OEP A (auto calculate)	11	0.017	0.	7.3015E-06	7.3015E-06	TONs		
Nickel	7440020	factor:OEP A (auto calculate)	11	3.76347E -04	0.	1.61641E-07	1.61641E-07	TONs		
Octachlorodiben zo-P-Dioxin	3268879	factor:OEP A (auto calculate)	11	1.6E-07	0.	6.872E-11	6.872E-11	TONs		
Octachlorodiben zofuran	3900102 0	factor:OEP A (auto calculate)	11	1.2E-08	0.	5.154E-12	5.154E-12	TONs		
Pentachlorodibe nzofuran, 1,2,3,7,8-	5711741 6	factor:OEP A (auto calculate)	11	7.52694E -09	0.	3.23282E-12	3.23282E-12	TONs		
Pentachlorodibe nzofuran, 2,3,4,7,8-	5711731 4	factor:OEP A (auto calculate)	11	1.25449E -08	0.	5.38803E-12	5.38803E-12	TONs		
Phenanthrene	85018	factor:OEP A (auto calculate)	11	0.0049	0.	2.10455E-06	2.10455E-06	TONs		
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	11	0.0033	0.	1.41735E-06	1.41735E-06	TONs		
Pyrene	129000	factor:OEP A (auto calculate)	11	3.2E-05	0.	1.3744E-08	1.3744E-08	TONs		
Selenium	7782492	factor:OEP A (auto calculate)	11	0.001881 74	0.	8.08207E-07	8.08207E-07	TONs		
Tetrachlorodibe nzofuran, 2,3,7,8-	5120731 9	factor:OEP A (auto calculate)	11	7.90329E -08	0.	3.39446E-11	3.39446E-11	TONs		
Total Heptachlorodibe nzo-P-Dioxin	3787100 4	factor:OEP A (auto calculate)	11	2E-08	0.	8.59E-12	8.59E-12	TONs		
Total Pentachlorodibe nzofuran	3040215 4	factor:OEP A (auto calculate)	11	4.8E-10	0.	2.0616E-13	2.0616E-13	TONs		

- **Process & Emissions Detail**

Name: B30 Therminol Gas

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

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 50

Hours Per Year: 8400

Winter (Dec - Feb)%: 24

Spring (March-May)%: 30

Summer (June-Aug)%: 30

Fall (Sept-Nov)%: 16

Material	Material Action	Throughput	X Units
Natural Gas	Burned	30.676	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1000	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	factor:OEP A (auto calculate)	8400	5.7	0.	0.0874266	0.0874266	TONs	
SO2 - Sulfur Dioxide	SO2	X factor:OEP A (auto calculate)	8400	0.6	0.	0.0092028	0.0092028	TONs	
NOx - Nitrogen Oxides	NOX	X factor:OEP A (auto calculate)	8400	100	0.	1.5338	1.5338	TONs	
Organic Compounds	OC	X factor:OEP A (auto calculate)	8400	11	0.	0.168718	0.168718	TONs	

		calculate)							
Pb - Lead	7439921	X factor:OEP A (auto calculate)	8400	5E-04	0.	7.669E-06	7.669E-06	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X factor:OEP A (auto calculate)	8400	1.9	0.	0.0291422	0.0291422	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10- FIL	emissions: ENG. JUDGEMENT			0	0.029	0.029	TONs	PM10 = PM
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25- FIL	emissions: ENG. JUDGEMENT			0	0.029	0.029	TONs	PM2.5 = PM
VOC - Volatile Organic Compounds	VOC	factor:OEP A (auto calculate)	8400	5.5	0.	0.084359	0.084359	TONs	
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	factor:OEP A (auto calculate)	8400	84	0.	1.28839	1.28839	TONs	
Total of Chargable Pollutants							1.74087	TONS	

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

**Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Acenaphthene	83329	factor:OEP A (auto calculate)	8400	9E-07	0.	1.38042E-08	1.38042E-08	TONs	

Acenaphthylene	208968	factor:OEP A (auto calculate)	8400	9E-07	0.	1.38042E-08	1.38042E-08	TONs	
Acetaldehyde	75070	factor:OEP A (auto calculate)	8400	0.0209	0.	3.20564E-04	3.20564E-04	TONs	
Acrolein	107028	factor:OEP A (auto calculate)	8400	0.018	0.	2.76084E-04	2.76084E-04	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	8400	1.2E-06	0.	1.84056E-08	1.84056E-08	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	8400	2E-04	0.	3.0676E-06	3.0676E-06	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	8400	9E-07	0.	1.38042E-08	1.38042E-08	TONs	
Benzene	71432	factor:OEP A (auto calculate)	8400	0.0021	0.	3.22098E-05	3.22098E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	8400	6E-07	0.	9.2028E-09	9.2028E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	8400	9E-07	0.	1.38042E-08	1.38042E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	8400	6E-07	0.	9.2028E-09	9.2028E-09	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	8400	9E-07	0.	1.38042E-08	1.38042E-08	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	8400	6E-06	0.	9.2028E-08	9.2028E-08	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	8400	0.0011	0.	1.68718E-05	1.68718E-05	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	8400	0.0014	0.	2.14732E-05	2.14732E-05	TONs	

Chrysene	218019	factor:OEP A (auto calculate)	8400	9E-07	0.	1.38042E-08	1.38042E-08	TONs	
Cobalt	7440484	factor:OEP A (auto calculate)	8400	8.4E-05	0.	1.28839E-06	1.28839E-06	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	8400	6E-07	0.	9.2028E-09	9.2028E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	8400	8E-06	0.	1.22704E-07	1.22704E-07	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	8400	3E-06	0.	4.6014E-08	4.6014E-08	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	8400	2.8E-06	0.	4.29464E-08	4.29464E-08	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	8400	0.075	0.	0.00115035	0.00115035	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	8400	1.8	0.	0.0276084	0.0276084	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEP A (auto calculate)	8400	9E-07	0.	1.38042E-08	1.38042E-08	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	8400	3.8E-04	0.	5.82844E-06	5.82844E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	8400	2.6E-04	0.	3.98788E-06	3.98788E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEP A (auto calculate)	8400	9E-07	0.	1.38042E-08	1.38042E-08	TONs	
Methylnaphthalene, 2-	91576	factor:OEP A (auto calculate)	8400	2.4E-05	0.	3.68112E-07	3.68112E-07	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	8400	6.1E-04	0.	9.35618E-06	9.35618E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	8400	0.0021	0.	3.22098E-05	3.22098E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	8400	1.7E-05	0.	2.60746E-07	2.60746E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	8400	6.49E-04	0.	9.95436E-06	9.95436E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	8400	5E-06	0.	7.669E-08	7.669E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	8400	1.2E-05	0.	1.84056E-07	1.84056E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	8400	0.0034	0.	5.21492E-05	5.21492E-05	TONs	



Benz[A]Anthracene	56553	0.	2.33789E-08	2.33789E-08	TONs
Benzene	71432	0.	5.45506E-05	5.45506E-05	TONs
Benzo[A]Pyrene	50328	0.	1.55859E-08	1.55859E-08	TONs
Benzo[B]Fluoranthene	205992	0.	2.33789E-08	2.33789E-08	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.55859E-08	1.55859E-08	TONs
Benzo[K]Fluoranthene	207089	0.	2.33789E-08	2.33789E-08	TONs
Beryllium	7440417	0.	1.55859E-07	1.55859E-07	TONs
Cadmium	7440439	0.	2.85742E-05	2.85742E-05	TONs
Chromium	7440473	0.	3.63671E-05	3.63671E-05	TONs
Chrysene	218019	0.	2.33789E-08	2.33789E-08	TONs
Cobalt	7440484	0.	2.18203E-06	2.18203E-06	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.55859E-08	1.55859E-08	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	2.07812E-07	2.07812E-07	TONs
Fluoranthene	206440	0.	7.79295E-08	7.79295E-08	TONs
Fluorene	86737	0.	7.27342E-08	7.27342E-08	TONs
Formaldehyde	50000	0.	0.00194824	0.00194824	TONs
Hexane, N-	110543	0.	0.0467577	0.0467577	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	2.33789E-08	2.33789E-08	TONs
MN - Manganese	7439965	0.	9.87107E-06	9.87107E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	6.75389E-06	6.75389E-06	TONs
Methylcholanthrene, 3-	56495	0.	2.33789E-08	2.33789E-08	TONs
Methylnaphthalene, 2-	91576	0.	6.23436E-07	6.23436E-07	TONs
Naphthalene	91203	0.	1.58457E-05	1.58457E-05	TONs
Nickel	7440020	0.	5.45506E-05	5.45506E-05	TONs
Phenanthrene	85018	0.	4.416E-07	4.416E-07	TONs
Polycyclic Organic Matter	246	0.	1.68587E-05	1.68587E-05	TONs
Pyrene	129000	0.	1.29882E-07	1.29882E-07	TONs
Selenium	7782492	0.	3.11718E-07	3.11718E-07	TONs
Toluene	108883	0.	8.83201E-05	8.83201E-05	TONs

- **Processes**

- **Process & Emissions Detail**

Name: Boiler #7 - Nat Gas

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

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

Schedule Trade Secret:

Hours Per Day: 24  
 Days Per Week: 7  
 Weeks Per Year: 50  
 Hours Per Year: 870

Winter (Dec - Feb)%: 16  
 Spring (March-May)%: 7  
 Summer (June-Aug)%: 10  
 Fall (Sept-Nov)%: 67

Material	Material Action	Throughput	X Units
Natural Gas	Burned	51.953	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1000	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	factor:OEP A (auto calculate)	870	5.7	0.	0.148066	0.148066	TONs	
SO2 - Sulfur Dioxide	SO2	X factor:OEP A (auto calculate)	870	0.6	0.	0.0155859	0.0155859	TONs	
NOx - Nitrogen Oxides	NOX	X factor:ENG . JUDGEMENT	870	280	0.	7.27342	7.27342	TONs	
Organic Compounds	OC	X factor:OEP A (auto	870	11	0.	0.285742	0.285742	TONs	

		calculate)							
Pb - Lead	7439921	X factor:OEP A (auto calculate)	870	5E-04	0.	1.29883E-05	1.29883E-05	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X factor:OEP A (auto calculate)	870	1.9	0.	0.0493554	0.0493554	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10- FIL	emissions: ENG. JUDGEMENT			0	0.0493554	0.0493554	TONs	PM10 = PM
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25- FIL	emissions: ENG. JUDGEMENT			0	0.0493554	0.0493554	TONs	PM2.5 = PM
VOC - Volatile Organic Compounds	VOC	factor:OEP A (auto calculate)	870	5.5	0.	0.142871	0.142871	TONs	
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	factor:OEP A (auto calculate)	870	84	0.	2.18203	2.18203	TONs	
Total of Chargable Pollutants							7.62412	TONS	

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

**Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Acenaphthene	83329	factor:OEP A (auto calculate)	870	9E-07	0.	2.33789E-08	2.33789E-08	TONs	

Acenaphthylene	208968	factor:OEP A (auto calculate)	870	9E-07	0.	2.33789E-08	2.33789E-08	TONs	
Acetaldehyde	75070	factor:OEP A (auto calculate)	870	0.0209	0.	5.42909E-04	5.42909E-04	TONs	
Acrolein	107028	factor:OEP A (auto calculate)	870	0.018	0.	4.67577E-04	4.67577E-04	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	870	1.2E-06	0.	3.11718E-08	3.11718E-08	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	870	2E-04	0.	5.1953E-06	5.1953E-06	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	870	9E-07	0.	2.33789E-08	2.33789E-08	TONs	
Benzene	71432	factor:OEP A (auto calculate)	870	0.0021	0.	5.45506E-05	5.45506E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	870	6E-07	0.	1.55859E-08	1.55859E-08	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	870	9E-07	0.	2.33789E-08	2.33789E-08	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	870	6E-07	0.	1.55859E-08	1.55859E-08	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	870	9E-07	0.	2.33789E-08	2.33789E-08	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	870	6E-06	0.	1.55859E-07	1.55859E-07	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	870	0.0011	0.	2.85742E-05	2.85742E-05	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	870	0.0014	0.	3.63671E-05	3.63671E-05	TONs	

Chrysene	218019	factor:OEP A (auto calculate)	870	9E-07	0.	2.33789E-08	2.33789E-08	TONs	
Cobalt	7440484	factor:OEP A (auto calculate)	870	8.4E-05	0.	2.18203E-06	2.18203E-06	TONs	
Dibenzo[A,H]Ant hracene	53703	factor:OEP A (auto calculate)	870	6E-07	0.	1.55859E-08	1.55859E-08	TONs	
Dimethylbenz[A] Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	870	8E-06	0.	2.07812E-07	2.07812E-07	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	870	3E-06	0.	7.79295E-08	7.79295E-08	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	870	2.8E-06	0.	7.27342E-08	7.27342E-08	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	870	0.075	0.	0.00194824	0.00194824	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	870	1.8	0.	0.0467577	0.0467577	TONs	
Indeno[1,2,3- C,D]Pyrene	193395	factor:OEP A (auto calculate)	870	9E-07	0.	2.33789E-08	2.33789E-08	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	870	3.8E-04	0.	9.87107E-06	9.87107E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	870	2.6E-04	0.	6.75389E-06	6.75389E-06	TONs	
Methylcholanthr ene, 3-	56495	factor:OEP A (auto calculate)	870	9E-07	0.	2.33789E-08	2.33789E-08	TONs	
Methylnaphthale ne, 2-	91576	factor:OEP A (auto calculate)	870	2.4E-05	0.	6.23436E-07	6.23436E-07	TONs	
Naphthalene	91203	factor:OEP	870	6.1E-04	0.	1.58457E-05	1.58457E-05	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	870	0.0021	0.	5.45506E-05	5.45506E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	870	1.7E-05	0.	4.416E-07	4.416E-07	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	870	6.49E-04	0.	1.68587E-05	1.68587E-05	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	870	5E-06	0.	1.29882E-07	1.29882E-07	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	870	1.2E-05	0.	3.11718E-07	3.11718E-07	TONs	
Toluene	108883	factor:OEP A (auto calculate)	870	0.0034	0.	8.83201E-05	8.83201E-05	TONs	

- **Process & Emissions Detail**

Name: Boiler # 7 - #2 Oil

Source Classification Code (SCC): 1-02-005-01

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 50

Hours Per Year: 0

Winter (Dec - Feb)%: 20

Spring (March-May)%: 6

Summer (June-Aug)%: 35

Fall (Sept-Nov)%: 39

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

Variable	Amount	Meaning

HCl		Liquid Heat Content (Btu/gallons)
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: Boiler # 7 - #6 Oil

Source Classification Code (SCC): 1-02-004-01

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 50

Hours Per Year: 0

Winter (Dec - Feb): 20

Spring (March-May): 6

Summer (June-Aug): 35

Fall (Sept-Nov): 39

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

Variable	Amount	Meaning
HCl		Liquid Heat Content (Btu/gallons)
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							0.	TONS	

Chargable Pollutants										
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## Emission Unit Summary: B007

Oct 9 2011, 15:55:35

Emissions Unit ID: B007

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.215	0.215	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	485.978	485.978	TONs	X
NOx - Nitrogen Oxides	NOX	X	0.	185.102	185.102	TONs	X
Organic Compounds	OC	X	0.	1.00965	1.00965	TONs	
Pb - Lead	7439921	X	0.	0.00706755	0.00706755	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	13.206	13.206	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	12.942	12.942	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.369	0.369	TONs	
VOC - Volatile Organic Compounds	VOC		0.	1.00965	1.00965	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0.	58.154	58.154	TONs	
Total of Chargable Pollutants					685.303	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;  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
Arsenic	7440382	0.	0.0621806	0.0621806	TONs
Benz[A]Anthracene	56553	0.	0.12441	0.12441	TONs
Cadmium	7440439	0.	0.00492076	0.00492076	TONs
Chromium	7440473	0.	0.140466	0.140466	TONs
Chrysene	218019	0.	0.020735	0.020735	TONs
Formaldehyde	50000	0.	0.0988626	0.0988626	TONs

Hydrochloric Acid (Hydrogen Chloride)	7647010	0	35.169	35.169	TONs
Hydrogen Fluoride (Hydrofluoric Acid)	7664393	0.	2.52412	2.52412	TONs
Polycyclic Organic Matter	246	0.	0.696064	0.696064	TONs

- **Processes**

- **Process & Emissions Detail**

Name: Boiler #8 - Coal

Source Classification Code (SCC): 1-02-002-04

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 50

Hours Per Year: 8153

Winter (Dec - Feb)%: 28

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 22

Material	Material Action	Throughput	X Units
Bituminous/Subbituminous Coal	Burned	33655	TONs

Variable	Amount	Meaning
HCS	13292	Solid Heat Content (Btu/Lb)
S	.76	% 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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0.	0.215	0.215	TONs	PM Based on Boiler Design 0.03 lb/MMBTU Max Condensable PM = 1.6% of PM
SO2 - Sulfur	SO2	X factor:OEP	8153	28.88	0.	485.978	485.978	TONs	

Dioxide			A (auto calculate)							
NOx - Nitrogen Oxides	NOX	X	factor:OEP A (auto calculate)	8153	11	0.	185.102	185.102	TONs	
Organic Compounds	OC	X	factor:ENG . JUDGEMENT	8153	0.06	0.	1.00965	1.00965	TONs	
Pb - Lead	7439921	X	factor:ENG . JUDGEMENT	8153	4.2E-04	0.	0.00706755	0.00706755	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	13.206	13.206	TONs	Filterable PM = 98.4% of PM
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	12.942	12.942	TONs	PM10 = 98% of PM
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0.369	0.369	TONs	PM2.5 = 2.8% of PM
VOC - Volatile Organic Compounds	VOC		factor:ENG . JUDGEMENT	8153	0.06	0.	1.00965	1.00965	TONs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0.	58.154	58.154	TONs	Based on Boiler Design 0.13 lb/MMBTU Max
Total of Chargable Pollutants								685.303	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
Arsenic	7440382	factor:OEP A (auto calculate)	8153	0.00369518	0.	0.0621806	0.0621806	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	8153	0.00739327	0.	0.12441	0.12441	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	8153	2.92424E-04	0.	0.00492076	0.00492076	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	8153	0.00834738	0.	0.140466	0.140466	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	8153	0.00123221	0.	0.020735	0.020735	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	8153	0.00587506	0.	0.0988626	0.0988626	TONs	
Hydrochloric Acid (Hydrogen Chloride)	7647010	emissions:ENG. JUDGEMENT			0	35.169	35.169	TONs	
Hydrogen Fluoride (Hydrofluoric Acid)	7664393	factor:OEP A (auto calculate)	8153	0.15	0.	2.52412	2.52412	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	8153	0.0413647	0.	0.696064	0.696064	TONs	

## Emission Unit Summary: B008

Oct 9 2011, 15:55:35

Emissions Unit ID: B008

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.0334476	0.0334476	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.0035208	0.0035208	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.5868	0.5868	TONs	
Organic Compounds	OC	X	0.	0.064548	0.064548	TONs	
Pb - Lead	7439921	X	0.	2.934E-06	2.934E-06	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.0111492	0.0111492	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.0111492	0.0111492	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.0111492	0.0111492	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.032274	0.032274	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.492912	0.492912	TONs	
Total of Chargable Pollutants					0.666021	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;   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.	5.2812E-09	5.2812E-09	TONs
Acenaphthylene	208968	0.	5.2812E-09	5.2812E-09	TONs
Acetaldehyde	75070	0.	1.22641E-04	1.22641E-04	TONs
Acrolein	107028	0.	1.05624E-04	1.05624E-04	TONs
Anthracene	120127	0.	7.0416E-09	7.0416E-09	TONs
Arsenic	7440382	0.	1.1736E-06	1.1736E-06	TONs

Benz[A]Anthracene	56553	0.	5.2812E-09	5.2812E-09	TONs
Benzene	71432	0.	1.23228E-05	1.23228E-05	TONs
Benzo[A]Pyrene	50328	0.	3.5208E-09	3.5208E-09	TONs
Benzo[B]Fluoranthene	205992	0.	5.2812E-09	5.2812E-09	TONs
Benzo[G,H,I,]Perylene	191242	0.	0.0123228	0.0123228	TONs
Benzo[K]Fluoranthene	207089	0.	5.2812E-09	5.2812E-09	TONs
Beryllium	7440417	0.	3.5208E-08	3.5208E-08	TONs
Cadmium	7440439	0.	6.4548E-06	6.4548E-06	TONs
Chromium	7440473	0.	8.2152E-06	8.2152E-06	TONs
Chrysene	218019	0.	5.2812E-09	5.2812E-09	TONs
Cobalt	7440484	0.	4.92912E-07	4.92912E-07	TONs
Dibenzo[A,H]Anthracene	53703	0.	3.5208E-09	3.5208E-09	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	4.6944E-08	4.6944E-08	TONs
Fluoranthene	206440	0.	1.7604E-08	1.7604E-08	TONs
Fluorene	86737	0.	1.64304E-08	1.64304E-08	TONs
Formaldehyde	50000	0.	4.401E-04	4.401E-04	TONs
Hexane, N-	110543	0.	0.0105624	0.0105624	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	5.2812E-09	5.2812E-09	TONs
MN - Manganese	7439965	0.	2.22984E-06	2.22984E-06	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.52568E-06	1.52568E-06	TONs
Methylcholanthrene, 3-	56495	0.	5.2812E-09	5.2812E-09	TONs
Methylnaphthalene, 2-	91576	0.	1.40832E-07	1.40832E-07	TONs
Naphthalene	91203	0.	3.57948E-06	3.57948E-06	TONs
Nickel	7440020	0.	1.23228E-05	1.23228E-05	TONs
Phenanthrene	85018	0.	9.9756E-08	9.9756E-08	TONs
Polycyclic Organic Matter	246	0.	3.80833E-06	3.80833E-06	TONs
Pyrene	129000	0.	2.934E-08	2.934E-08	TONs
Selenium	7782492	0.	7.0416E-08	7.0416E-08	TONs
Toluene	108883	0.	1.99512E-05	1.99512E-05	TONs

- **Processes**

- **Process & Emissions Detail**

Name: B9 Therminol Nat Gas

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

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 50

Hours Per Year: 8400

Winter (Dec - Feb)%: 27

Spring (March-May)%: 28

Summer (June-Aug)%: 27

Fall (Sept-Nov)%: 18

Material	Material Action	Throughput	X Units
Natural Gas	Burned	11.736	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1000	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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	factor:OEP A (auto calculate)	8400	5.7	0.	0.0334476	0.0334476	TONs	
SO2 - Sulfur Dioxide	SO2	X factor:OEP A (auto calculate)	8400	0.6	0.	0.0035208	0.0035208	TONs	
NOx - Nitrogen Oxides	NOX	X factor:OEP A (auto calculate)	8400	100	0.	0.5868	0.5868	TONs	
Organic Compounds	OC	X factor:OEP A (auto calculate)	8400	11	0.	0.064548	0.064548	TONs	



Acenaphthylene	208968	factor:OEP A (auto calculate)	8400	9E-07	0.	5.2812E-09	5.2812E-09	TONs	
Acetaldehyde	75070	factor:OEP A (auto calculate)	8400	0.0209	0.	1.22641E-04	1.22641E-04	TONs	
Acrolein	107028	factor:OEP A (auto calculate)	8400	0.018	0.	1.05624E-04	1.05624E-04	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	8400	1.2E-06	0.	7.0416E-09	7.0416E-09	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	8400	2E-04	0.	1.1736E-06	1.1736E-06	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	8400	9E-07	0.	5.2812E-09	5.2812E-09	TONs	
Benzene	71432	factor:OEP A (auto calculate)	8400	0.0021	0.	1.23228E-05	1.23228E-05	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	8400	6E-07	0.	3.5208E-09	3.5208E-09	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	8400	9E-07	0.	5.2812E-09	5.2812E-09	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	8400	2.1	0.	0.0123228	0.0123228	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	8400	9E-07	0.	5.2812E-09	5.2812E-09	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	8400	6E-06	0.	3.5208E-08	3.5208E-08	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	8400	0.0011	0.	6.4548E-06	6.4548E-06	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	8400	0.0014	0.	8.2152E-06	8.2152E-06	TONs	

Chrysene	218019	factor:OEP A (auto calculate)	8400	9E-07	0.	5.2812E-09	5.2812E-09	TONs	
Cobalt	7440484	factor:OEP A (auto calculate)	8400	8.4E-05	0.	4.92912E-07	4.92912E-07	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	8400	6E-07	0.	3.5208E-09	3.5208E-09	TONs	
Dimethylbenz[A]Anthracene, 7,12-	57976	factor:OEP A (auto calculate)	8400	8E-06	0.	4.6944E-08	4.6944E-08	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	8400	3E-06	0.	1.7604E-08	1.7604E-08	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	8400	2.8E-06	0.	1.64304E-08	1.64304E-08	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	8400	0.075	0.	4.401E-04	4.401E-04	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	8400	1.8	0.	0.0105624	0.0105624	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEP A (auto calculate)	8400	9E-07	0.	5.2812E-09	5.2812E-09	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	8400	3.8E-04	0.	2.22984E-06	2.22984E-06	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	8400	2.6E-04	0.	1.52568E-06	1.52568E-06	TONs	
Methylcholanthrene, 3-	56495	factor:OEP A (auto calculate)	8400	9E-07	0.	5.2812E-09	5.2812E-09	TONs	
Methylnaphthalene, 2-	91576	factor:OEP A (auto calculate)	8400	2.4E-05	0.	1.40832E-07	1.40832E-07	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	8400	6.1E-04	0.	3.57948E-06	3.57948E-06	TONs	

		A (auto calculate)							
Nickel	7440020	factor:OEP A (auto calculate)	8400	0.0021	0.	1.23228E-05	1.23228E-05	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	8400	1.7E-05	0.	9.9756E-08	9.9756E-08	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	8400	6.49E-04	0.	3.80833E-06	3.80833E-06	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	8400	5E-06	0.	2.934E-08	2.934E-08	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	8400	1.2E-05	0.	7.0416E-08	7.0416E-08	TONs	
Toluene	108883	factor:OEP A (auto calculate)	8400	0.0034	0.	1.99512E-05	1.99512E-05	TONs	

## Emission Unit Summary: F001

Oct 9 2011, 15:55:35

Emissions Unit ID: F001

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.002	0.002	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	0.110	0.11	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.022	0.022	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.022	0.022	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					0.11	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;  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
Arsenic	7440382	0.	0.0621806	0.0621806	TONs
Benz[A]Anthracene	56553	0.	0.12441	0.12441	TONs
Cadmium	7440439	0.	0.00492077	0.00492077	TONs
Chromium	7440473	0.	0.140466	0.140466	TONs
Chrysene	218019	0.	0.020735	0.020735	TONs
Formaldehyde	50000	0.	0.0988626	0.0988626	TONs

Hydrochloric Acid (Hydrogen Chloride)	7647010	0.	20.193	20.193	TONs
Hydrogen Fluoride (Hydrofluoric Acid)	7664393	0.	2.52413	2.52413	TONs
Polycyclic Organic Matter	246	0.	0.696065	0.696065	TONs

- **Processes**

- **Process & Emissions Detail**

Name: Coal/Ash Handling

Source Classification Code (SCC): 1-02-002-04

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 50

Hours Per Year: 8400

Winter (Dec - Feb)%: 28

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 22

Material	Material Action	Throughput	X Units
Bituminous/Subbituminous Coal	Burned	33655	TONs

Variable	Amount	Meaning
HCS	13292	Solid Heat Content (Btu/Lb)
S	.76	% 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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: STACK TEST			0	0.002	0.002	TONs	Condensable = 1.6% of PM
SO2 - Sulfur	SO2	X emissions:			0	0	0.	TONs	

Dioxide			ENG. JUDGEMENT							
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	0.110	0.11	TONs	Filterable PM = 98.4% of PM	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT		0	0.022	0.022	TONs	PM10 = 20% of PM	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT		0	0.022	0.022	TONs	PM2.5 = 20% of PM	
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							0.11	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
Arsenic	7440382	factor:OEP A (auto calculate)	0	0.00369518	0.	0.0621806	0.0621806	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	0	0.00739327	0.	0.12441	0.12441	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	0	2.92424E-04	0.	0.00492077	0.00492077	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	0	0.00834738	0.	0.140466	0.140466	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	0.00123221	0.	0.020735	0.020735	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	0	0.00587506	0.	0.0988626	0.0988626	TONs	
Hydrochloric Acid (Hydrogen Chloride)	7647010	factor:OEP A (auto calculate)	0	1.2	0.	20.193	20.193	TONs	
Hydrogen Fluoride (Hydrofluoric Acid)	7664393	factor:OEP A (auto calculate)	0	0.15	0.	2.52413	2.52413	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	0.0413647	0.	0.696065	0.696065	TONs	

## Emission Unit Summary: G001

Oct 9 2011, 15:55:35

Emissions Unit ID: G001

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.360	0.36	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	0.360	0.36	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.36	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;   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
Benzene	71432	0.	2.15113E-04	2.15113E-04	TONs

### - Processes

#### - Process & Emissions Detail

Name: Gas Dispensing

Source Classification Code (SCC): 4-06-001-31

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

Schedule Trade Secret:

Hours Per Day: 24  
 Days Per Week: 7  
 Weeks Per Year: 50  
 Hours Per Year: 8400

Winter (Dec - Feb)%: 25  
 Spring (March-May)%: 25  
 Summer (June-Aug)%: 25  
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Gasoline	Transferred	5.992	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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.360	0.36	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	0.360	0.36	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							0.36	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Benzene	71432	factor:OEP A (auto calculate)	0	0.0718	0.	2.15113E-04	2.15113E-04	TONs	

## Emission Unit Summary: P001

Oct 9 2011, 15:55:35

Emissions Unit ID: P001

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	1.748	1.748	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.748	1.748	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.748	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;   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
Styrene	100425	0	0	0.	TONs

### - Processes

#### - Process & Emissions Detail

Name: Emul ABS Production

Source Classification Code (SCC): 3-01-018-49

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: <b>XX</b>	Winter (Dec - Feb)%: 24
Days Per Week: <b>X</b>	Spring (March-May)%: 29
Weeks Per Year: <b>XX</b>	Summer (June-Aug)%: 30
Hours Per Year: <b>XXXX</b>	Fall (Sept-Nov)%: 17

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	1.748	1.748	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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) -	PM10-	emissions:			0	0	0.	TONs	

Primary PM10, Filterable Portion Only	FIL	ENG. 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	1.748	1.748	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.748	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0	0.	TONs	XXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: P004

Oct 9 2011, 15:55:35

Emissions Unit ID: P004

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.004	0.004	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	1.783	1.783	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.39	0.39	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.20	0.2	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.10	0.1	TONs	
VOC - Volatile Organic Compounds	VOC		0	1.783	1.783	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.173	TONS	

### - Processes

#### - Process & Emissions Detail

Name: DN1 SAN Production

Source Classification Code (SCC): 3-01-018-99

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 22

Spring (March-May)%: 42

Summer (June-Aug)%: 27

Material	Material Action	Throughput	X Units
Product	Produced	XXXXX	TONs

- Process Emissions

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.004	0.004	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
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	1.783	1.783	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
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	0.39	0.39	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.20	0.2	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.10	0.1	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
VOC - Volatile Organic	VOC	emissions: ENG.			0	1.783	1.783	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							2.173	TONS	

## Emission Unit Summary: P010

Oct 9 2011, 15:55:35

Emissions Unit ID: P010

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.060	0.06	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.049	0.049	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	5.62	5.62	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	2.84	2.84	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	1.42	1.42	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.049	0.049	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					5.669	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;  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
Styrene	100425	0	0.027	0.027	TONs

### - Processes

#### - Process & Emissions Detail

Name: 10CWD ABS Production

Source Classification Code (SCC): 3-01-018-49

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: <b>XX</b>	Winter (Dec - Feb)%: 24
Days Per Week: <b>X</b>	Spring (March-May)%: 28
Weeks Per Year: <b>XX</b>	Summer (June-Aug)%: 30
Hours Per Year: <b>XXXX</b>	Fall (Sept-Nov)%: 18

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.060	0.06	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.049	0.049	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	5.62	5.62	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) -	PM10-	emissions:			0	2.84	2.84	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	1.42	1.42	TONs	XXXXXXXXXXXXXXXXXXXXXXX
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0.049	0.049	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							5.669	TONs	

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The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.027	0.027	TONs	XXXXXXXXXXXXXXXXXXXXXXX

# Emission Unit Summary: P015

Oct 9 2011, 15:55:35

Emissions Unit ID: P015

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.005	0.005	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	2.460	2.46	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.54	0.54	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.27	0.27	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.14	0.14	TONs	
VOC - Volatile Organic Compounds	VOC		0	2.460	2.46	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					3	TONS	

## - Processes

### - Process & Emissions Detail

Name: DN3 SAN Production

Source Classification Code (SCC): 3-01-018-99

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 29

Spring (March-May)%: 23

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.005	0.005	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	2.460	2.46	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.54	0.54	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.27	0.27	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.14	0.14	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
VOC - Volatile Organic	VOC	emissions: ENG.			0	2.460	2.46	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							3	TONS	

# Emission Unit Summary: P021

Oct 9 2011, 15:55:35

Emissions Unit ID: P021

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.001	0.001	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.002	0.002	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.060	0.06	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.030	0.03	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.020	0.02	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.002	0.002	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.062	TONS	

## - Processes

### - Process & Emissions Detail

Name: SAN1 Production

Source Classification Code (SCC): 3-01-018-99

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 27

Summer (June-Aug)%: 27

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.001	0.001	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.002	0.002	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.060	0.06	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.030	0.03	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.020	0.02	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
VOC - Volatile Organic	VOC	emissions: ENG.			0	0.002	0.002	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.062	TONS	



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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: <b>XX</b>	Winter (Dec - Feb)%: 24
Days Per Week: <b>X</b>	Spring (March-May)%: 28
Weeks Per Year: <b>XX</b>	Summer (June-Aug)%: 28
Hours Per Year: <b>XXXX</b>	Fall (Sept-Nov)%: 20

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.06	0.06	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.405	0.405	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	5.97	5.97	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) -	PM10-	emissions:			0	2.98	2.98	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	1.49	1.49	TONs	XXXXXXXXXXXXXXXXXXXXXXX
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0.405	0.405	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							6.375	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.285	0.285	TONs	XXXXXXXXXXXXXXXXXXXXXXX



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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: <b>XX</b>	Winter (Dec - Feb)%: 25
Days Per Week: <b>X</b>	Spring (March-May)%: 29
Weeks Per Year: <b>XX</b>	Summer (June-Aug)%: 24
Hours Per Year: <b>XXXX</b>	Fall (Sept-Nov)%: 22

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.020	0.02	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.159	0.159	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) -	PM10-	emissions:			0	1.17	1.17	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.58	0.58	TONs	XXXXXXXXXXXXXXXXXXXXXXX
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0.159	0.159	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							2.499	TONs	

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The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.112	0.112	TONs	XXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: P031

Oct 9 2011, 15:55:35

Emissions Unit ID: P031

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.030	0.03	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.218	0.218	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	3.22	3.22	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	1.61	1.61	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.80	0.8	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.218	0.218	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					3.438	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;  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
Styrene	100425	0	0.154	0.154	TONs

### - Processes

#### - Process & Emissions Detail

Name: Compounding Line10

Source Classification Code (SCC): 3-01-018-49

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: <b>XX</b>	Winter (Dec - Feb)%: 29
Days Per Week: <b>X</b>	Spring (March-May)%: 29
Weeks Per Year: <b>XX</b>	Summer (June-Aug)%: 23
Hours Per Year: <b>XXXX</b>	Fall (Sept-Nov)%: 19

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.030	0.03	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.218	0.218	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	3.22	3.22	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) -	PM10-	emissions:			0	1.61	1.61	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.80	0.8	TONs	XXXXXXXXXXXXXXXXXXXXXXX
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0.218	0.218	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							3.438	TONs	

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The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.154	0.154	TONs	

## Emission Unit Summary: P039

Oct 9 2011, 15:55:35

Emissions Unit ID: P039

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.02	0.02	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.60	0.6	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	1.52	1.52	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.77	0.77	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.38	0.38	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.60	0.6	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.12	TONS	

### - Processes

#### - Process & Emissions Detail

Name: SAN1 Drying

Source Classification Code (SCC): 3-01-018-99

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 27

Summer (June-Aug)%: 27

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.60	0.6	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	1.52	1.52	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.77	0.77	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.38	0.38	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
VOC - Volatile Organic	VOC	emissions: ENG.			0	0.60	0.6	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							2.12	TONS	

## Emission Unit Summary: P040

Oct 9 2011, 15:55:35

Emissions Unit ID: P040

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.02	0.02	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.60	0.6	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	1.52	1.52	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.77	0.77	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.38	0.38	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.60	0.6	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					2.12	TONS	

### - Processes

#### - Process & Emissions Detail

Name: SAN2 Drying

Source Classification Code (SCC): 3-01-018-99

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 27

Summer (June-Aug)%: 27

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.02	0.02	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.60	0.6	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	1.52	1.52	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0.77	0.77	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.38	0.38	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
VOC - Volatile Organic	VOC	emissions: ENG.			0	0.60	0.6	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							2.12	TONS	

## Emission Unit Summary: P042

Oct 9 2011, 15:55:35

Emissions Unit ID: P042

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.007	0.007	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.83	0.83	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.67	0.67	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.34	0.34	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.17	0.17	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.83	0.83	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.5	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;  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
Styrene	100425	0	0.24	0.24	TONs

### - Processes

#### - Process & Emissions Detail

Name: DIN1 ABS Production

Source Classification Code (SCC): 3-01-018-49

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: <b>XX</b>	Winter (Dec - Feb)%: 24
Days Per Week: <b>X</b>	Spring (March-May)%: 29
Weeks Per Year: <b>XX</b>	Summer (June-Aug)%: 28
Hours Per Year: <b>XXXX</b>	Fall (Sept-Nov)%: 19

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.007	0.007	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>
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	0.83	0.83	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>
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	0.67	0.67	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) -	PM10-	emissions:			0	0.34	0.34	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.17	0.17	TONs	XXXXXXXXXXXXXXXXXXXXXXX
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0.83	0.83	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.5	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.24	0.24	TONs	XXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: P047

Oct 9 2011, 15:55:35

Emissions Unit ID: P047

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.006	0.006	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.82	0.82	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0.60	0.6	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0.30	0.3	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0.15	0.15	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.82	0.82	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.42	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;  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
Styrene	100425	0	0.24	0.24	TONs

### - Processes

#### - Process & Emissions Detail

Name: DIN2 ABS Production

Source Classification Code (SCC): 3-01-018-49

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: <b>XX</b>	Winter (Dec - Feb)%: 21
Days Per Week: <b>X</b>	Spring (March-May)%: 30
Weeks Per Year: <b>XX</b>	Summer (June-Aug)%: 40
Hours Per Year: <b>XXXX</b>	Fall (Sept-Nov)%: 9

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.006	0.006	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.82	0.82	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	0.60	0.6	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) -	PM10-	emissions:			0	0.30	0.3	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.15	0.15	TONs	XXXXXXXXXXXXXXXXXXXXXXX
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0.82	0.82	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.42	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.24	0.24	TONs	XXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: P048

Oct 9 2011, 15:55:35

Emissions Unit ID: P048

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.115	0.115	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	0.115	0.115	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.115	TONS	

### - Processes

#### - Process & Emissions Detail

Name: Scripset Production

Source Classification Code (SCC): 3-01-018-99

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: **XX**

Winter (Dec - Feb)%: 26

Days Per Week: **X**

Spring (March-May)%: 28

Weeks Per Year: **XX**

Summer (June-Aug)%: 27

Material	Material Action	Throughput	X Units
Product	Produced	XXXXX	TONs

## - Process Emissions

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.115	0.115	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 (FIL) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic	VOC	emissions: ENG.			0	0.115	0.115	TONs	

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.115	TONS	



Benzo[A]Pyrene	50328	0.	5.31853E-07	5.31853E-07	TONs
Benzo[B]Fluoranthene	205992	0.	3.96905E-05	3.96905E-05	TONs
Beryllium	7440417	0.	1.54711E-04	1.54711E-04	TONs
Cadmium	7440439	0.	1.54711E-04	1.54711E-04	TONs
Chromium	7440473	0.	1.54711E-04	1.54711E-04	TONs
Chrysene	218019	0.	4.07403E-06	4.07403E-06	TONs
Fluoranthene	206440	0.	1.74638E-05	1.74638E-05	TONs
Fluorene	86737	0.	1.2701E-05	1.2701E-05	TONs
Formaldehyde	50000	0.	0.00515976	0.00515976	TONs
Heptachlorodibenzo-P-Dioxin, 1,2,3,4,6,7,8-	35822469	0.	5.95357E-09	5.95357E-09	TONs
Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	67562394	0.	1.38917E-09	1.38917E-09	TONs
Hexachlorodibenzo-P-Dioxin	34465468	0.	2.46081E-09	2.46081E-09	TONs
Hexachlorodibenzo-P-Dioxin, 1,2,3,4,7,8-	39227286	0.	2.73864E-10	2.73864E-10	TONs
Hexachlorodibenzo-P-Dioxin, 1,2,3,7,8,9-	19408743	0.	3.01648E-10	3.01648E-10	TONs
Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648269	0.	6.70412E-09	6.70412E-09	TONs
MN - Manganese	7439965	0.	3.09422E-04	3.09422E-04	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	1.54711E-04	1.54711E-04	TONs
Naphthalene	91203	0.	0.00674739	0.00674739	TONs
Nickel	7440020	0.	1.54711E-04	1.54711E-04	TONs
Octachlorodibenzo-P-Dioxin	3268879	0.	6.35048E-08	6.35048E-08	TONs
Octachlorodibenzofuran	39001020	0.	4.76286E-09	4.76286E-09	TONs
Pentachlorodibenzofuran, 1,2,3,7,8-	57117416	0.	3.09422E-09	3.09422E-09	TONs
Pentachlorodibenzofuran, 2,3,4,7,8-	57117314	0.	5.15703E-09	5.15703E-09	TONs
Phenanthrene	85018	0.	0.00194483	0.00194483	TONs
Polycyclic Organic Matter	246	0.	0.00130979	0.00130979	TONs
Pyrene	129000	0.	1.2701E-05	1.2701E-05	TONs
Selenium	7782492	0.	7.73556E-04	7.73556E-04	TONs
Tetrachlorodibenzofuran, 2,3,7,8-	51207319	0.	3.24893E-08	3.24893E-08	TONs
Total Heptachlorodibenzo-P-Dioxin	37871004	0.	7.9381E-09	7.9381E-09	TONs
Total Pentachlorodibenzofuran	30402154	0.	1.90514E-10	1.90514E-10	TONs

- Processes

- Process & Emissions Detail

Name: WWTP Gen - #2 Oil

Source Classification Code (SCC): 1-02-005-01

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 1

Days Per Week: 1

Weeks Per Year: 12

Hours Per Year: 10

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Distillate Oil	Burned	793.81	1000 GALLONS

Variable	Amount	Meaning
HCl	129931	Liquid Heat Content (Btu/gallons)
S	0.00061	% 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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.0005	5E-04	TONs	PM Condensable = 39.4% of PM
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0.012	0.012	TONs	Vendor samplind data based on maximum operating rate
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0.189	0.189	TONs	Vendor sampling data based on maximum operating rate

Organic Compounds	OC	X	emissions: ENG. JUDGEMENT		0	0.003	0.003	TONs	Vendor sampling data based on maximum operating rate
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	0.0007	7E-04	TONs	PM Filterable = 60.6% of PM
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT		0	0.0005	5E-04	TONs	PM10 = 70% of PM
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT		0	0.0003	3E-04	TONs	PM2.5 = 47% of PM
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT		0	0.003	0.003	TONs	Vendor sampling data based on maximum operating rate
Ammonia	NH3		emissions: ENG. JUDGEMENT		0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT		0	0.053	0.053	TONs	Vendor sampling data based on maximum operating rate
Total of Chargable Pollutants							0.2047	TONS	

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The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;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.

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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:OEP	0	5.3E-04	0.	2.1036E-04	2.1036E-04	TONs	

		A (auto calculate)							
Acenaphthylene	208968	factor:OEP A (auto calculate)	0	2E-04	0.	7.9381E-05	7.9381E-05	TONs	
Anthracene	120127	factor:OEP A (auto calculate)	0	1.8E-04	0.	7.14429E-05	7.14429E-05	TONs	
Arsenic	7440382	factor:OEP A (auto calculate)	0	5.19724E-04	0.	2.06281E-04	2.06281E-04	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	0	5.42544E-04	0.	2.15338E-04	2.15338E-04	TONs	
Benzene	71432	factor:OEP A (auto calculate)	0	0.00275	0.	0.00109149	0.00109149	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	0	1.34E-06	0.	5.31853E-07	5.31853E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	0	1E-04	0.	3.96905E-05	3.96905E-05	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	0	3.89793E-04	0.	1.54711E-04	1.54711E-04	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	0	3.89793E-04	0.	1.54711E-04	1.54711E-04	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	0	3.89793E-04	0.	1.54711E-04	1.54711E-04	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	0	1.02645E-05	0.	4.07403E-06	4.07403E-06	TONs	
Fluoranthene	206440	factor:OEP A (auto calculate)	0	4.4E-05	0.	1.74638E-05	1.74638E-05	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	0	3.2E-05	0.	1.2701E-05	1.2701E-05	TONs	
Formaldehyde	50000	factor:OEP	0	0.013	0.	0.00515976	0.00515976	TONs	

		A (auto calculate)							
Heptachlorodibenzo-P-Dioxin, 1,2,3,4,6,7,8-	35822469	factor:OEP A (auto calculate)	0	1.5E-08	0.	5.95357E-09	5.95357E-09	TONs	
Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	67562394	factor:OEP A (auto calculate)	0	3.5E-09	0.	1.38917E-09	1.38917E-09	TONs	
Hexachlorodibenzo-P-Dioxin	34465468	factor:OEP A (auto calculate)	0	6.2E-09	0.	2.46081E-09	2.46081E-09	TONs	
Hexachlorodibenzo-P-Dioxin, 1,2,3,4,7,8-	39227286	factor:OEP A (auto calculate)	0	6.9E-10	0.	2.73864E-10	2.73864E-10	TONs	
Hexachlorodibenzo-P-Dioxin, 1,2,3,7,8,9-	19408743	factor:OEP A (auto calculate)	0	7.6E-10	0.	3.01648E-10	3.01648E-10	TONs	
Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648269	factor:OEP A (auto calculate)	0	1.6891E-08	0.	6.70412E-09	6.70412E-09	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	0	7.79586E-04	0.	3.09422E-04	3.09422E-04	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	0	3.89793E-04	0.	1.54711E-04	1.54711E-04	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	0	0.017	0.	0.00674739	0.00674739	TONs	
Nickel	7440020	factor:OEP A (auto calculate)	0	3.89793E-04	0.	1.54711E-04	1.54711E-04	TONs	
Octachlorodibenzo-P-Dioxin	3268879	factor:OEP A (auto calculate)	0	1.6E-07	0.	6.35048E-08	6.35048E-08	TONs	
Octachlorodibenzofuran	39001020	factor:OEP A (auto calculate)	0	1.2E-08	0.	4.76286E-09	4.76286E-09	TONs	
Pentachlorodibenzofuran,	57117416	factor:OEP A (auto calculate)	0	7.79586E-09	0.	3.09422E-09	3.09422E-09	TONs	

1,2,3,7,8-		calculate)							
Pentachlorodibenzofuran, 2,3,4,7,8-	57117314	factor:OEP A (auto calculate)	0	1.29931E-08	0.	5.15703E-09	5.15703E-09	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	0	0.0049	0.	0.00194483	0.00194483	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto calculate)	0	0.0033	0.	0.00130979	0.00130979	TONs	
Pyrene	129000	factor:OEP A (auto calculate)	0	3.2E-05	0.	1.2701E-05	1.2701E-05	TONs	
Selenium	7782492	factor:OEP A (auto calculate)	0	0.00194897	0.	7.73556E-04	7.73556E-04	TONs	
Tetrachlorodibenzofuran, 2,3,7,8-	51207319	factor:OEP A (auto calculate)	0	8.18565E-08	0.	3.24893E-08	3.24893E-08	TONs	
Total Heptachlorodibenzop-Dioxin	37871004	factor:OEP A (auto calculate)	0	2E-08	0.	7.9381E-09	7.9381E-09	TONs	
Total Pentachlorodibenzofuran	30402154	factor:OEP A (auto calculate)	0	4.8E-10	0.	1.90514E-10	1.90514E-10	TONs	



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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

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

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.001	0.001	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>
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	0.061	0.061	TONs	
PM10 (Filt) -	PM10-	emissions:			0	0.030	0.03	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0.015	0.015	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
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							0.061	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0	0.	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX



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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

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

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.163	0.163	TONs	<b>XXXXXXXXXXXXXXXXXXXXXX</b>
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	16.173	16.173	TONs	<b>XXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) -	PM10-	emissions:			0	8.086	8.086	TONs	<b>XXXXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	4.043	4.043	TONs	XXXXXXXXXXXXXXXXXXXXXXX
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							16.173	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0	0.	TONs	XXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: P902

Oct 9 2011, 15:55:35

Emissions Unit ID: P902

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.07	0.07	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	6.95	6.95	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	3.48	3.48	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	1.74	1.74	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					6.95	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;  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
Styrene	100425	0	0	0.	TONs

### - Processes

#### - Process & Emissions Detail

Name: B9 Pellet Handling

Source Classification Code (SCC): 3-01-018-49

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

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

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.07	0.07	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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	6.95	6.95	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) -	PM10-	emissions:			0	3.48	3.48	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	1.74	1.74	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
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							6.95	TONs	

- The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0	0.	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: P903

Oct 9 2011, 15:55:35

Emissions Unit ID: P903

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0.126	0.126	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	12.428	12.428	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	6.214	6.214	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	3.107	3.107	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					12.428	TONS	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;   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
Styrene	100425	0	0	0.	TONs

### - Processes

#### - Process & Emissions Detail

Name: B30 Pellet Handling

Source Classification Code (SCC): 3-01-018-49

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

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

Material	Material Action	Throughput	X Units
Product	Produced	<b>XXXXX</b>	TONs

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0.126	0.126	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	12.428	12.428	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) -	PM10-	emissions:			0	6.214	6.214	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Primary PM10, Filterable Portion Only	FIL	ENG. JUDGEMENT							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	3.107	3.107	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
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							12.428	TONs	

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The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0	0.	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: T003

Oct 9 2011, 15:55:35

Emissions Unit ID: T003

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	1.121	1.121	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0.	1.121	1.121	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					1.121	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
Styrene	100425	0.	1.121	1.121	TONs

### - Processes

#### - Process & Emissions Detail

Name: A-8 Styrene BLoss

Source Classification Code (SCC): 4-07-036-13

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

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

Material	Material Action	Throughput	X Units
Styrene	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.297	0.297	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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) -	PM10-	emissions:			0	0	0.	TONs	

Primary PM10, Filterable Portion Only	FIL	ENG. 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	0.297	0.297	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.297	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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.297	0.297	TONs	XXXXXXXXXXXXXXXXXXXXXXX

**Process & Emissions Detail**

Name: A-8 Styrene WLoss

Source Classification Code (SCC): 4-07-036-14

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about

process units and their raw material capabilities.

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

Winter (Dec - Feb)%: 25  
 Spring (March-May)%: 25  
 Summer (June-Aug)%: 25  
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Styrene	Throughput	XXXXXX	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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.824	0.824	TONs	XXXXXXXXXXXXXXXXXXXXXXX
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	0.824	0.824	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.824	TONs	

-

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.824	0.824	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: T004

Oct 9 2011, 15:55:35

Emissions Unit ID: T004

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	1.072	1.072	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0.	1.072	1.072	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					1.072	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;   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
Styrene	100425	0.	1.072	1.072	TONs

### - Processes

#### - Process & Emissions Detail

Name: A-9 Styrene BLoss

Source Classification Code (SCC): 4-07-036-13

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

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

Material	Material Action	Throughput	X Units
Styrene	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.277	0.277	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
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) -	PM10-	emissions:			0	0	0.	TONs	

Primary PM10, Filterable Portion Only	FIL	ENG. 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	0.277	0.277	TONs	XXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.277	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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.277	0.277	TONs	XXXXXXXXXXXXXXXXXXXX

**Process & Emissions Detail**

Name: A-9 Styrene WLoss

Source Classification Code (SCC): 4-07-036-14

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about

process units and their raw material capabilities.

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

Winter (Dec - Feb)%: 25  
 Spring (March-May)%: 25  
 Summer (June-Aug)%: 25  
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Styrene	Throughput	XXXXXX	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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.795	0.795	TONs	XXXXXXXXXXXXXXXXXXXXXXX
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	0.795	0.795	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.795	TONs	

- The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.795	0.795	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: T005

Oct 9 2011, 15:55:35

Emissions Unit ID: T005

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.193	0.193	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	0.193	0.193	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.193	TONS	

### - Processes

#### - Process & Emissions Detail

Name: A-13 AN Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.193	0.193	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.193	0.193	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.193	TONS	

## Emission Unit Summary: T006

Oct 9 2011, 15:55:35

Emissions Unit ID: T006

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.023	0.023	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	0.023	0.023	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.023	TONS	

### - Processes

#### - Process & Emissions Detail

Name: A-15 BD Sphere

Source Classification Code (SCC): 4-07-820-01

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Butadiene	Throughput	<b>XXXXX</b>	1000 GALLONS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.023	0.023	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.023	0.023	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.023	TONS	

## Emission Unit Summary: T008

Oct 9 2011, 15:55:35

Emissions Unit ID: T008

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.012	0.012	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	0.012	0.012	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.012	TONS	

### - Processes

#### - Process & Emissions Detail

Name: C-2 AMS Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.012	0.012	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.012	0.012	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.012	TONS	

# Emission Unit Summary: T011

Oct 9 2011, 15:55:35

Emissions Unit ID: T011

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.338	0.338	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	0.338	0.338	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.338	TONS	

## - Processes

### - Process & Emissions Detail

Name: C-5 AN Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.338	0.338	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.338	0.338	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.338	TONS	

## Emission Unit Summary: T012

Oct 9 2011, 15:55:35

Emissions Unit ID: T012

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	2.201	2.201	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.	2.201	2.201	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					2.201	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;   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
Styrene	100425	0.	2.201	2.201	TONs

### - Processes

#### - Process & Emissions Detail

Name: C-6 Sty Tank BLoss

Source Classification Code (SCC): 4-07-036-13

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

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

Material	Material Action	Throughput	X Units
Styrene	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	1.286	1.286	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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) -	PM10-	emissions:			0	0	0.	TONs	

Primary PM10, Filterable Portion Only	FIL	ENG. 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	1.286	1.286	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.286	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
Styrene	100425	emissions: ENG. JUDGEMENT			0	1.286	1.286	TONs	XXXXXXXXXXXXXXXXXXXXXXX

**Process & Emissions Detail**

Name: C-6 Sty Tank WLoss

Source Classification Code (SCC): 4-07-036-14

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about

process units and their raw material capabilities.

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

Winter (Dec - Feb)%: 25  
 Spring (March-May)%: 25  
 Summer (June-Aug)%: 25  
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Styrene	Throughput	XXXXXX	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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.915	0.915	TONs	XXXXXXXXXXXXXXXXXXXXXXX
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	0.915	0.915	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.915	TONs	

- The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.915	0.915	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: T013

Oct 9 2011, 15:55:35

Emissions Unit ID: T013

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	2.061	2.061	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.	2.061	2.061	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					2.061	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp;   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
Styrene	100425	0.	2.061	2.061	TONs

### - Processes

#### - Process & Emissions Detail

Name: C-7 Sty WLoss

Source Classification Code (SCC): 4-07-036-14

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

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

Material	Material Action	Throughput	X Units
Styrene	Throughput	<b>XXXXX</b>	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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.915	0.915	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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) -	PM10-	emissions:			0	0	0.	TONs	

Primary PM10, Filterable Portion Only	FIL	ENG. 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	0.915	0.915	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.915	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
Styrene	100425	emissions: ENG. JUDGEMENT			0	0.915	0.915	TONs	XXXXXXXXXXXXXXXXXXXXXXX

**Process & Emissions Detail**

Name: C-7 Sty BLoss

Source Classification Code (SCC): 4-07-036-13

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about

process units and their raw material capabilities.

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

Winter (Dec - Feb)%: 25  
 Spring (March-May)%: 25  
 Summer (June-Aug)%: 25  
 Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Styrene	Storage Capacity	XXXXXX	1000 GALLON-YEARS

**- Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	1.146	1.146	TONs	XXXXXXXXXXXXXXXXXXXXXXX
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	1.146	1.146	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.146	TONs	

The following Hazardous Air Pollutant information was developed using Ohio EPA-generated hazardous air pollutant emission calculations.&nbsp; 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
Styrene	100425	emissions: ENG. JUDGEMENT			0	1.146	1.146	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX

## Emission Unit Summary: T016

Oct 9 2011, 15:55:35

Emissions Unit ID: T016

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.00000672	6.72E-06	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	0.00000672	6.72E-06	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					6.72E-06	TONS	

### - Processes

#### - Process & Emissions Detail

Name: B-9 Spt Mmmr Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	XXXXX	1000 GALLON-YEARS

- Process Emissions

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.00000672	6.72E-06	TONs	XXXXXXXXXXXXXXXXXXXXXXX
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	VOC	emissions: ENG.			0	0.00000672	6.72E-06	TONs	XXXXXXXXXXXXXXXXXXXXXXX

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							6.72E-06	TONS	

## Emission Unit Summary: T020

Oct 9 2011, 15:55:35

Emissions Unit ID: T020

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	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: B/A Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	<b>XXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0	0.	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
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: T021

Oct 9 2011, 15:55:35

Emissions Unit ID: T021

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.021	0.021	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	0.021	0.021	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.021	TONS	

### - Processes

#### - Process & Emissions Detail

Name: Fatty Acid Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.021	0.021	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.021	0.021	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.021	TONS	

## Emission Unit Summary: T022

Oct 9 2011, 15:55:35

Emissions Unit ID: T022

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.010	0.01	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.010	0.01	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.01	TONS	

### - Processes

#### - Process & Emissions Detail

Name: B-9 Maleic Anh. Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	XXXXX	1000 GALLON-YEARS

## - Process Emissions

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			0	0.010	0.01	TONs	XXXXXXXXXXXXXXXXXXXXX
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 (FIL) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic	VOC	emissions: ENG.			0	0.010	0.01	TONs	XXXXXXXXXXXXXXXXXXXXX

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.01	TONS	

# Emission Unit Summary: T023

Oct 9 2011, 15:55:35

Emissions Unit ID: T023

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.001	0.001	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	0.001	0.001	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.001	TONS	

## - Processes

### - Process & Emissions Detail

Name: Sulfole120 (TDM)Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.001	0.001	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.001	0.001	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.001	TONS	

# Emission Unit Summary: T024

Oct 9 2011, 15:55:35

Emissions Unit ID: T024

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	0.083	0.083	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.	0.083	0.083	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					0.083	TONS	

## - Processes

### - Process & Emissions Detail

Name: B9 MEK BLoss

Source Classification Code (SCC): 4-07-068-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Ketone	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.076	0.076	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.076	0.076	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.076	TONS	

- **Process & Emissions Detail**

Name: B9 MEK WLoss

Source Classification Code (SCC): 4-07-068-98

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

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

Material	Material Action	Throughput	X Units
Ketone	Throughput	<b>XXXXXX</b>	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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur	SO2	X emissions:			0	0	0.	TONs	

Dioxide			ENG. JUDGEMENT							
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT		0	0	0.	TONs		
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT		0	0.007	0.007	TONs	XXXXXXXXXXXXXXXXXXXXXXX	
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	0.007	0.007	TONs	XXXXXXXXXXXXXXXXXXXXXXX	
Ammonia	NH3		emissions: ENG. JUDGEMENT		0	0	0.	TONs		
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT		0	0	0.	TONs		
Total of Chargable Pollutants							0.007	TONS		

## Emission Unit Summary: T025

Oct 9 2011, 15:55:35

Emissions Unit ID: T025

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.083	0.083	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	0.083	0.083	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.083	TONS	

### - Processes

#### - Process & Emissions Detail

Name: DBF Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.083	0.083	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.083	0.083	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.083	TONS	

## Emission Unit Summary: T026

Oct 9 2011, 15:55:35

Emissions Unit ID: T026

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.010	0.01	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	0.010	0.01	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.01	TONS	

### - Processes

#### - Process & Emissions Detail

Name: B-4 Maleic Anh. Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.010	0.01	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.010	0.01	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.01	TONS	

## Emission Unit Summary: T027

Oct 9 2011, 15:55:35

Emissions Unit ID: T027

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	0.165	0.165	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.	0.165	0.165	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					0.165	TONS	

### - Processes

#### - Process & Emissions Detail

Name: B30 MEK BLOSS

Source Classification Code (SCC): 4-07-068-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Ketone	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.097	0.097	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.097	0.097	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.097	TONS	

- **Process & Emissions Detail**

Name: B30 MEK WLoss

Source Classification Code (SCC): 4-07-068-98

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

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

Material	Material Action	Throughput	X Units
Ketone	Throughput	<b>XXXXXX</b>	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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur	SO2	X emissions:			0	0	0.	TONs	

Dioxide			ENG. JUDGEMENT							
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT		0	0	0.	TONs		
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT		0	0.068	0.068	TONs	XXXXXXXXXXXXXXXXXXXXXXX	
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	0.068	0.068	TONs	XXXXXXXXXXXXXXXXXXXXXXX	
Ammonia	NH3		emissions: ENG. JUDGEMENT		0	0	0.	TONs		
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT		0	0	0.	TONs		
Total of Chargable Pollutants							0.068	TONS		

## Emission Unit Summary: T028

Oct 9 2011, 15:55:35

Emissions Unit ID: T028

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.009	0.009	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	0.009	0.009	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.009	TONS	

### - Processes

#### - Process & Emissions Detail

Name: Mineral Oil Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.009	0.009	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.009	0.009	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.009	TONS	

# Emission Unit Summary: T031

Oct 9 2011, 15:55:35

Emissions Unit ID: T031

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.0000104	1.04E-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	0.0000104	1.04E-05	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					1.04E-05	TONS	

## - Processes

### - Process & Emissions Detail

Name: B30 Spt Mmmr Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.0000104	1.04E-05	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.0000104	1.04E-05	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							1.04E-05	TONS	

## Emission Unit Summary: T036

Oct 9 2011, 15:55:35

Emissions Unit ID: T036

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.009	0.009	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	0.009	0.009	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.009	TONs	

### - Processes

#### - Process & Emissions Detail

Name: A-17 Terp Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.009	0.009	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.009	0.009	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.009	TONS	

# Emission Unit Summary: T037

Oct 9 2011, 15:55:35

Emissions Unit ID: T037

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.013	0.013	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	0.013	0.013	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.013	TONS	

## - Processes

### - Process & Emissions Detail

Name: A-16 Naugard

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.013	0.013	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.013	0.013	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.013	TONS	

# Emission Unit Summary: T044

Oct 9 2011, 15:55:35

Emissions Unit ID: T044

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.023	0.023	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	0.023	0.023	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.023	TONS	

## - Processes

### - Process & Emissions Detail

Name: T044 Sec Butanol Tk

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	XXXXX	1000 GALLON-YEARS

- Process Emissions

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.023	0.023	TONs	XXXXXXXXXXXXXXXXXXXXXXX
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	VOC	emissions: ENG.			0	0.023	0.023	TONs	XXXXXXXXXXXXXXXXXXXXXXX

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.023	TONS	

# Emission Unit Summary: T045

Oct 9 2011, 15:55:35

Emissions Unit ID: T045

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	0.	0.012	0.012	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.	0.012	0.012	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					0.012	TONS	

## - Processes

### - Process & Emissions Detail

Name: IBA BLOSS

Source Classification Code (SCC): 4-07-008-11

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Isobutyl Alcohol	Storage Capacity	XXXXX	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.010	0.01	TONs	XXXXXXXXXXXXXXXXXXXXXXX
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	VOC	emissions: ENG.			0	0.010	0.01	TONs	XXXXXXXXXXXXXXXXXXXXXXX

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.01	TONS	

- **Process & Emissions Detail**

Name: IBA WLoss

Source Classification Code (SCC): 4-07-008-12

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Winter (Dec - Feb)%: 25

Days Per Week: **X**

Spring (March-May)%: 25

Weeks Per Year: **XX**

Summer (June-Aug)%: 25

Hours Per Year: **XXXX**

Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Isobutyl Alcohol	Throughput	<b>XXXXXX</b>	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 Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur	SO2	X emissions:			0	0	0.	TONs	

Dioxide			ENG. JUDGEMENT							
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT		0	0	0.	TONs		
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT		0	0.002	0.002	TONs	XXXXXXXXXXXXXXXXXXXXXXX	
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	0.002	0.002	TONs	XXXXXXXXXXXXXXXXXXXXXXX	
Ammonia	NH3		emissions: ENG. JUDGEMENT		0	0	0.	TONs		
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT		0	0	0.	TONs		
Total of Chargable Pollutants							0.002	TONS		

# Emission Unit Summary: T050

Oct 9 2011, 15:55:35

Emissions Unit ID: T050

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: T-16-1 Fuel Oil Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: <b>xx</b>	Winter (Dec - Feb)%: 25
Days Per Week: <b>x</b>	Spring (March-May)%: 25
Weeks Per Year: <b>xx</b>	Summer (June-Aug)%: 25
Hours Per Year: <b>xxxx</b>	Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>xxxxxx</b>	1000 GALLON-YEARS

**- 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: T051

Oct 9 2011, 15:55:35

Emissions Unit ID: T051

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: T16-2 Fuel Oil Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: <b>xx</b>	Winter (Dec - Feb)%: 25
Days Per Week: <b>x</b>	Spring (March-May)%: 25
Weeks Per Year: <b>xx</b>	Summer (June-Aug)%: 25
Hours Per Year: <b>xxxx</b>	Fall (Sept-Nov)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>xxxxxx</b>	1000 GALLON-YEARS

**- 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: Z001

Oct 9 2011, 15:55:35

Emissions Unit ID: Z001

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	25.35	0	25.35	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		25.35	0	25.35	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					25.35	TONS	

## - Processes

### - Process & Emissions Detail

Name: Misc. Fugitives/Malf

Source Classification Code (SCC): 3-01-888-01

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Product	Produced	XXXXX	TONs

- Process Emissions

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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			25.35	0	25.35	TONs	XXXXXXXXXXXXXXXXXXXXXXX
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	VOC	emissions: ENG.			25.35	0	25.35	TONs	XXXXXXXXXXXXXXXXXXXXXXX

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							25.35	TONS	

# Emission Unit Summary: Z002

Oct 9 2011, 15:55:35

Emissions Unit ID: Z002

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.119016	0.119016	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.012528	0.012528	TONs	
NOx - Nitrogen Oxides	NOX	X	0	6.899	6.899	TONs	
Organic Compounds	OC	X	0.	0.22968	0.22968	TONs	
Pb - Lead	7439921	X	0.	1.044E-05	1.044E-05	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.039672	0.039672	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.039672	0.039672	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.039672	0.039672	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.11484	0.11484	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0.	1.75392	1.75392	TONs	
Total of Chargable Pollutants					7.18089	TONS	

## - Processes

### - Process & Emissions Detail

Name: Thermal Oxidizer

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

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 5

Hours Per Year: 8742

Winter (Dec - Feb)%: 26

Spring (March-May)%: 31

Summer (June-Aug)%: 24

Fall (Sept-Nov)%: 19

Material	Material Action	Throughput	X Units
Natural Gas	Burned	41.760	MILLION CUBIC FEET

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	factor:ENG . JUDGEMENT	8742	5.7	0.	0.119016	0.119016	TONs	Based on AP42 factors
SO2 - Sulfur Dioxide	SO2	X factor:ENG . JUDGEMENT	8742	0.6	0.	0.012528	0.012528	TONs	Based on AP42 factors
NOx - Nitrogen Oxides	NOX	X emissions: STACK TEST			0	6.899	6.899	TONs	Based on air sampling data
Organic Compounds	OC	X factor:ENG . JUDGEMENT	8742	11	0.	0.22968	0.22968	TONs	Based on AP42 factors
Pb - Lead	7439921	X factor:ENG . JUDGEMENT	8742	5E-04	0.	1.044E-05	1.044E-05	TONs	Based on AP42 factors
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X factor:ENG . JUDGEMENT	8742	1.9	0.	0.039672	0.039672	TONs	Based on AP42 factors
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	factor:ENG . JUDGEMENT	8742	1.9	0.	0.039672	0.039672	TONs	PM10 = PM
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	factor:ENG . JUDGEMENT	8742	1.9	0.	0.039672	0.039672	TONs	PM2.5 = PM
VOC - Volatile Organic Compounds	VOC	factor:ENG . JUDGEMENT	8742	5.5	0.	0.11484	0.11484	TONs	Based on AP42 factors
Ammonia	NH3	emissions:			0	0	0.	TONs	

		ENG. JUDGEMENT							
CO - Carbon Monoxide	CO	factor:ENG . JUDGEMENT	8742	84	0.	1.75392	1.75392	TONs	Based on AP42 factors
Total of Chargable Pollutants							7.18089	TONS	

## Emission Unit Summary: Z003

Oct 9 2011, 15:55:35

Emissions Unit ID: Z003

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.11217	0.11217	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.0118074	0.0118074	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.133817	0.133817	TONs	
Organic Compounds	OC	X	0.	0.275506	0.275506	TONs	
Pb - Lead	7439921	X	0.	9.8395E-06	9.8395E-06	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.0373901	0.0373901	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.0373901	0.0373901	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.0373901	0.0373901	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.275506	0.275506	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.728123	0.728123	TONs	
Total of Chargable Pollutants					0.45853	TONS	

### - Processes

#### - Process & Emissions Detail

Name: Flare

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

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

Schedule Trade Secret Reason: Annual Operating Rate and Maximum Hourly Operating Rate Information are considered to be a trade secret since they divulge confidential information about process units, their production capabilities, and product formulations.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 24

Spring (March-May)%: 30

Summer (June-Aug)%: 26

Material	Material Action	Throughput	X Units
Natural Gas	Burned	<b>XXXXX</b>	MILLION CUBIC FEET

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	factor:ENG . JUDGEMENT	8400	<b>XXXXX</b>	0.	0.11217	0.11217	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
SO2 - Sulfur Dioxide	SO2	X factor:ENG . JUDGEMENT	8400	<b>XXXXX</b>	0.	0.0118074	0.0118074	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
NOx - Nitrogen Oxides	NOX	X factor:ENG . JUDGEMENT	8400	<b>XXXXX</b>	0.	0.133817	0.133817	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
Organic Compounds	OC	X factor:ENG . JUDGEMENT	8400	<b>XXXXX</b>	0.	0.275506	0.275506	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
Pb - Lead	7439921	X factor:ENG . JUDGEMENT	8400	<b>XXXXX</b>	0.	9.8395E-06	9.8395E-06	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X factor:ENG . JUDGEMENT	8400	<b>XXXXX</b>	0.	0.0373901	0.0373901	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	factor:ENG . JUDGEMENT	8400	<b>XXXXX</b>	0.	0.0373901	0.0373901	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	factor:ENG . JUDGEMENT	8400	<b>XXXXX</b>	0.	0.0373901	0.0373901	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>
VOC - Volatile Organic	VOC	factor:ENG . JUDGEMENT	8400	<b>XXXXX</b>	0.	0.275506	0.275506	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	factor:ENG . JUDGEMENT	8400	XXXXXX	0.	0.728123	0.728123	TONs	XXXXXXXXXXXXXXXXXXXXXXXXXX
Total of Chargable Pollutants							0.45853	TONS	

# Emission Unit Summary: Z004

Oct 9 2011, 15:55:35

Emissions Unit ID: Z004

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	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: B-9 AF Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	<b>XXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0	0.	TONs	<b>XXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
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: Z005

Oct 9 2011, 15:55:35

Emissions Unit ID: Z005

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.017	0.017	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	0.017	0.017	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.017	TONS	

## - Processes

### - Process & Emissions Detail

Name: B-9 Cat MB

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.017	0.017	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.017	0.017	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.017	TONS	

# Emission Unit Summary: Z006

Oct 9 2011, 15:55:35

Emissions Unit ID: Z006

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.002	0.002	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	0.002	0.002	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.002	TONS	

## - Processes

### - Process & Emissions Detail

Name: B-9 AO Chg

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	XXXXX	1000 GALLON-YEARS

- Process Emissions

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.002	0.002	TONs	XXXXXXXXXXXXXXXXXXXXXXX
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	VOC	emissions: ENG.			0	0.002	0.002	TONs	XXXXXXXXXXXXXXXXXXXXXXX

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.002	TONS	

# Emission Unit Summary: Z007

Oct 9 2011, 15:55:35

Emissions Unit ID: Z007

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.005	0.005	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	0.005	0.005	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.005	TONS	

## - Processes

### - Process & Emissions Detail

Name: B-9 AO Hom

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.005	0.005	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.005	0.005	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.005	TONS	

# Emission Unit Summary: Z010

Oct 9 2011, 15:55:35

Emissions Unit ID: Z010

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.002	0.002	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	0.002	0.002	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.002	TONS	

## - Processes

### - Process & Emissions Detail

Name: B-9 AO

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.002	0.002	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.002	0.002	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.002	TONS	

# Emission Unit Summary: Z011

Oct 9 2011, 15:55:35

Emissions Unit ID: Z011

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0	0.	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	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: B-9 EG

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	<b>XXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0	0.	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
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: 2012

Oct 9 2011, 15:55:35

Emissions Unit ID: Z012

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.001	0.001	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	0.001	0.001	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.001	TONS	

## - Processes

### - Process & Emissions Detail

Name: B-9 Therminol

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.001	0.001	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.001	0.001	TONs	<b>XXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.001	TONS	

# Emission Unit Summary: 2013

Oct 9 2011, 15:55:35

Emissions Unit ID: Z013

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.002	0.002	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	0.002	0.002	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.002	TONS	

## - Processes

### - Process & Emissions Detail

Name: B-30 Therminol

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.002	0.002	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.002	0.002	TONs	<b>XXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.002	TONS	

## Emission Unit Summary: Z042

Oct 9 2011, 15:55:35

Emissions Unit ID: Z042

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	0.003	0.003	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	0.003	0.003	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					0.003	TONS	

### - Processes

#### - Process & Emissions Detail

Name: 9 AO Mix Tank

Source Classification Code (SCC): 4-07-999-97

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

Schedule Trade Secret Reason: Raw material throughput data is considered to be a trade secret since it inherently divulges information about process units and their raw material capabilities.

Hours Per Day: **XX**

Days Per Week: **X**

Weeks Per Year: **XX**

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	<b>XXXXX</b>	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Unit s	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	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	0.003	0.003	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>
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	VOC	emissions: ENG.			0	0.003	0.003	TONs	<b>XXXXXXXXXXXXXXXXXXXXXXX</b>

Compounds		JUDGEMENT							
Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							0.003	TONS	