SMTV FER/EIS Emissions Report (201858) for 2010
FRANKLIN BOXBOARD CORPORATION
1483040008
April 13, 2011

2010 Emissions Summary Report : 201858

Oct 11 2011, 10:22:48

- Report Data

Report Category: SMTV

Submitted Date: 04/13/2011

Approved Date 04/18/2011

Reporting Year: 2010

Reporting State Approved

- Reports Included

FER: X ES: EIS: X

- Facility Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	1.05602	1.05602	TONs
SO2 - Sulfur Dioxide	SO2	X	0.	0.11116	0.11116	TONs
NOx - Nitrogen Oxides	NOX	X	0.	18.5268	18.5268	TONs
Organic Compounds	OC	X	0.	39.0534	39.0534	TONs
Pb - Lead	7439921	X	0.	9.86338E-05	9.86338E-05	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	2.5224	2.5224	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	2.52201	2.52201	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.352008	0.352008	TONs
VOC - Volatile Organic Compounds	VOC		0.	38.0345	38.0345	TONs
Ammonia	NH3		0.	0.592856	0.592856	TONs
CO - Carbon Monoxide	CO		0.	15.5625	15.5625	TONs
Total of Chargable Pollutants					60.2139	TONS

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

Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Acenaphthene	83329	0.	1.66741E-07	1.66741E-07	TONs
Acenaphthylene	208968	0.	1.66741E-07	1.66741E-07	TONs

Acetaldehyde	75070	0.	0.477003	0.477003	TONs
Acrolein	107028	0.	0.00341819	0.00341819	TONs
Anthracene	120127	0.	2.22321E-07	2.22321E-07	TONs
Arsenic	7440382	0.	3.70535E-05	3.70535E-05	TONs
Benz[A]Anthracene	56553	0.	1.66741E-07	1.66741E-07	TONs
Benzene	71432	0.	3.89062E-04	3.89062E-04	TONs
Benzo[A]Pyrene	50328	0.	1.11161E-07	1.11161E-07	TONs
Benzo[B]Fluoranthene	205992	0.	1.66741E-07	1.66741E-07	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.11161E-07	1.11161E-07	TONs
Benzo[K]Fluoranthene	207089	0.	1.66741E-07	1.66741E-07	TONs
Beryllium	7440417	0.	1.11161E-06	1.11161E-06	TONs
Biphenyl	92524	0.	0.751288	0.751288	TONs
Cadmium	7440439	0.	2.03794E-04	2.03794E-04	TONs
Chloroform	67663	0.	0.13078	0.13078	TONs
Chromium	7440473	0.	2.59374E-04	2.59374E-04	TONs
Chrysene	218019	0.	1.66741E-07	1.66741E-07	TONs
Cobalt	7440484	0.	1.55625E-05	1.55625E-05	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.11161E-07	1.11161E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.48214E-06	1.48214E-06	TONs
Fluoranthene	206440	0.	5.55803E-07	5.55803E-07	TONs
Fluorene	86737	0.	5.18749E-07	5.18749E-07	TONs
Formaldehyde	50000	0.	0.141892	0.141892	TONs
Hexane, N-	110543	0.	0.333482	0.333482	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.66741E-07	1.66741E-07	TONs
MN - Manganese	7439965	0.	7.04017E-05	7.04017E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	4.81696E-05	4.81696E-05	TONs
Methanol	67561	0.	0.278255	0.278255	TONs
Methylcholanthrene, 3-	56495	0.	1.66741E-07	1.66741E-07	TONs
Methylnaphthalene, 2-	91576	0.	4.44642E-06	4.44642E-06	TONs
Naphthalene	91203	0.	1.13013E-04	1.13013E-04	TONs
Nickel	7440020	0.	3.89062E-04	3.89062E-04	TONs

Phenanthrene	85018	0.	3.14955E-06	3.14955E-06	TONs
Phenol	108952	0.	0.275472	0.275472	TONs
Polycyclic Organic Matter	246	0.	1.23245E-04	1.23245E-04	TONs
Pyrene	129000	0.	9.26338E-07	9.26338E-07	TONs
Selenium	7782492	0.	2.22321E-06	2.22321E-06	TONs
Toluene	108883	0.	6.2991E-04	6.2991E-04	TONs

- **Attachments**

Description	Type	Public Document	Trade Seceret Document	Trade secret Justification
Attestation Document	Other	X		

- **Notes**

User Name	Date	Note

Emission Units Without Detailed Emissions

Oct 11 2011, 10:22:48

Emission Unit	Why Excluded	Company Equipment ID
P001	Less Than Reporting Requirement	SCRAP CYCLONE
P003	Exemption Status = De minimis	Stock Prep
T001	Less Than Reporting Requirement	TANK A
T002	Less Than Reporting Requirement	TANK B

Report Pollutant Summary: Total Emissions (Tons)

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
B001	**1-02-004-01**											
B001	**1-02-006-02**	1.05602	0.11116	18.5268	2.03794	9.26338E-05	0.352008	0.352008	0.352008	1.01897	0.592856	15.5625
P002	**3-07-013-99**	0.	0.	0.	37.0155	6E-06	2.17039	2.17	0.	37.0155	0.	0.
Total		1.05602	0.11116	18.5268	39.0534	9.86338E-05	2.5224	2.52201	0.352008	38.0345	0.592856	15.5625

Emission Unit Summary: B001

Oct 11 2011, 10:22:48

Emissions Unit ID: B001

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0.	1.05602	1.05602	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.11116	0.11116	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	18.5268	18.5268	TONs	
Organic Compounds	OC	X	0.	2.03794	2.03794	TONs	
Pb - Lead	7439921	X	0.	9.26338E-05	9.26338E-05	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.352008	0.352008	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.352008	0.352008	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.352008	0.352008	TONs	
VOC - Volatile Organic Compounds	VOC		0.	1.01897	1.01897	TONs	
Ammonia	NH3		0.	0.592856	0.592856	TONs	
CO - Carbon Monoxide	CO		0.	15.5625	15.5625	TONs	
Total of Chargable Pollutants					21.028	TONS	

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

Pollutant	Code	Fugitive Amount	Stack Amount	Total	Units
Acenaphthene	83329	0.	1.66741E-07	1.66741E-07	TONs
Acenaphthylene	208968	0.	1.66741E-07	1.66741E-07	TONs
Acetaldehyde	75070	0.	0.00396889	0.00396889	TONs
Acrolein	107028	0.	0.00341819	0.00341819	TONs
Anthracene	120127	0.	2.22321E-07	2.22321E-07	TONs
Arsenic	7440382	0.	3.70535E-05	3.70535E-05	TONs

Benz[A]Anthracene	56553	0.	1.66741E-07	1.66741E-07	TONs
Benzene	71432	0.	3.89062E-04	3.89062E-04	TONs
Benzo[A]Pyrene	50328	0.	1.11161E-07	1.11161E-07	TONs
Benzo[B]Fluoranthene	205992	0.	1.66741E-07	1.66741E-07	TONs
Benzo[G,H,I,]Perylene	191242	0.	1.11161E-07	1.11161E-07	TONs
Benzo[K]Fluoranthene	207089	0.	1.66741E-07	1.66741E-07	TONs
Beryllium	7440417	0.	1.11161E-06	1.11161E-06	TONs
Cadmium	7440439	0.	2.03794E-04	2.03794E-04	TONs
Chromium	7440473	0.	2.59374E-04	2.59374E-04	TONs
Chrysene	218019	0.	1.66741E-07	1.66741E-07	TONs
Cobalt	7440484	0.	1.55625E-05	1.55625E-05	TONs
Dibenzo[A,H]Anthracene	53703	0.	1.11161E-07	1.11161E-07	TONs
Dimethylbenz[A]Anthracene, 7,12-	57976	0.	1.48214E-06	1.48214E-06	TONs
Fluoranthene	206440	0.	5.55803E-07	5.55803E-07	TONs
Fluorene	86737	0.	5.18749E-07	5.18749E-07	TONs
Formaldehyde	50000	0.	0.0138951	0.0138951	TONs
Hexane, N-	110543	0.	0.333482	0.333482	TONs
Indeno[1,2,3-C,D]Pyrene	193395	0.	1.66741E-07	1.66741E-07	TONs
MN - Manganese	7439965	0.	7.04017E-05	7.04017E-05	TONs
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	0.	4.81696E-05	4.81696E-05	TONs
Methylcholanthrene, 3-	56495	0.	1.66741E-07	1.66741E-07	TONs
Methylnaphthalene, 2-	91576	0.	4.44642E-06	4.44642E-06	TONs
Naphthalene	91203	0.	1.13013E-04	1.13013E-04	TONs
Nickel	7440020	0.	3.89062E-04	3.89062E-04	TONs
Phenanthrene	85018	0.	3.14955E-06	3.14955E-06	TONs
Polycyclic Organic Matter	246	0.	1.23245E-04	1.23245E-04	TONs
Pyrene	129000	0.	9.26338E-07	9.26338E-07	TONs
Selenium	7782492	0.	2.22321E-06	2.22321E-06	TONs
Toluene	108883	0.	6.2991E-04	6.2991E-04	TONs

- **Processes**

- Process & Emissions Detail

Name: B001 #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: 5

Hours Per Year: 0

Winter (Dec - Feb)%: 3

Spring (March-May)%: 0

Summer (June-Aug)%: 0

Fall (Sept-Nov)%: 97

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

Variable	Amount	Meaning
HCl	150000	Liquid Heat Content (Btu/gallons)
S	0.68	% 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: B001 Boiler Gas

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

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day:	24	Winter (Dec - Feb)%:	26
Days Per Week:	7	Spring (March-May)%:	26
Weeks Per Year:	52	Summer (June-Aug)%:	25
Hours Per Year:	8269	Fall (Sept-Nov)%:	23

Material	Material Action	Throughput	X Units
Natural Gas	Burned	370.535	MILLION CUBIC FEET

Variable	Amount	Meaning
HCg	1,025	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:OEPA (auto calculate)	8269	5.7	0.	1.05602	1.05602	TONs	
SO2 - Sulfur Dioxide	SO2	X	factor:OEPA (auto calculate)	8269	0.6	0.	0.11116	0.11116	TONs	
NOx - Nitrogen Oxides	NOX	X	factor:OEPA (auto calculate)	8269	100	0.	18.5268	18.5268	TONs	
Organic Compounds	OC	X	factor:OEPA (auto calculate)	8269	11	0.	2.03794	2.03794	TONs	
Pb - Lead	7439921	X	factor:OEPA (auto calculate)	8269	5E-04	0.	9.26338E-05	9.26338E-05	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	factor:OEPA (auto calculate)	8269	1.9	0.	0.352008	0.352008	TONs	
PM10 (Filt) - Primary PM10,	PM10-FIL		factor:OEPA (auto	8269	1.9	0.	0.352008	0.352008	TONs	

Filterable Portion Only			calculate)							
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		factor:OEPA (auto calculate)	8269	1.9	0.	0.352008	0.352008	TONs	
VOC - Volatile Organic Compounds	VOC		factor:OEPA (auto calculate)	8269	5.5	0.	1.01897	1.01897	TONs	
Ammonia	NH3		factor:OEPA (auto calculate)	8269	3.2	0.	0.592856	0.592856	TONs	
CO - Carbon Monoxide	CO		factor:OEPA (auto calculate)	8269	84	0.	15.5625	15.5625	TONs	
Total of Chargable Pollutants								21.028	TONS	

-

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

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
Acenaphthene	83329	factor:OEPA (auto calculate)	8269	9E-07	0.	1.66741E-07	1.66741E-07	TONs	
Acenaphthylene	208968	factor:OEPA (auto calculate)	8269	9E-07	0.	1.66741E-07	1.66741E-07	TONs	
Acetaldehyde	75070	factor:OEPA (auto calculate)	8269	0.0214225	0.	0.00396889	0.00396889	TONs	
Acrolein	107028	factor:OEPA (auto calculate)	8269	0.01845	0.	0.00341819	0.00341819	TONs	
Anthracene	120127	factor:OEP	8269	1.2E-06	0.	2.22321E-07	2.22321E-07	TONs	

		A (auto calculate)							
Arsenic	7440382	factor:OEP A (auto calculate)	8269	2E-04	0.	3.70535E-05	3.70535E-05	TONs	
Benz[A]Anthracene	56553	factor:OEP A (auto calculate)	8269	9E-07	0.	1.66741E-07	1.66741E-07	TONs	
Benzene	71432	factor:OEP A (auto calculate)	8269	0.0021	0.	3.89062E-04	3.89062E-04	TONs	
Benzo[A]Pyrene	50328	factor:OEP A (auto calculate)	8269	6E-07	0.	1.11161E-07	1.11161E-07	TONs	
Benzo[B]Fluoranthene	205992	factor:OEP A (auto calculate)	8269	9E-07	0.	1.66741E-07	1.66741E-07	TONs	
Benzo[G,H,I,]Perylene	191242	factor:OEP A (auto calculate)	8269	6E-07	0.	1.11161E-07	1.11161E-07	TONs	
Benzo[K]Fluoranthene	207089	factor:OEP A (auto calculate)	8269	9E-07	0.	1.66741E-07	1.66741E-07	TONs	
Beryllium	7440417	factor:OEP A (auto calculate)	8269	6E-06	0.	1.11161E-06	1.11161E-06	TONs	
Cadmium	7440439	factor:OEP A (auto calculate)	8269	0.0011	0.	2.03794E-04	2.03794E-04	TONs	
Chromium	7440473	factor:OEP A (auto calculate)	8269	0.0014	0.	2.59374E-04	2.59374E-04	TONs	
Chrysene	218019	factor:OEP A (auto calculate)	8269	9E-07	0.	1.66741E-07	1.66741E-07	TONs	
Cobalt	7440484	factor:OEP A (auto calculate)	8269	8.4E-05	0.	1.55625E-05	1.55625E-05	TONs	
Dibenzo[A,H]Anthracene	53703	factor:OEP A (auto calculate)	8269	6E-07	0.	1.11161E-07	1.11161E-07	TONs	
Dimethylbenz[A]	57976	factor:OEP	8269	8E-06	0.	1.48214E-06	1.48214E-06	TONs	

Anthracene, 7,12-		A (auto calculate)							
Fluoranthene	206440	factor:OEP A (auto calculate)	8269	3E-06	0.	5.55803E-07	5.55803E-07	TONs	
Fluorene	86737	factor:OEP A (auto calculate)	8269	2.8E-06	0.	5.18749E-07	5.18749E-07	TONs	
Formaldehyde	50000	factor:OEP A (auto calculate)	8269	0.075	0.	0.0138951	0.0138951	TONs	
Hexane, N-	110543	factor:OEP A (auto calculate)	8269	1.8	0.	0.333482	0.333482	TONs	
Indeno[1,2,3-C,D]Pyrene	193395	factor:OEP A (auto calculate)	8269	9E-07	0.	1.66741E-07	1.66741E-07	TONs	
MN - Manganese	7439965	factor:OEP A (auto calculate)	8269	3.8E-04	0.	7.04017E-05	7.04017E-05	TONs	
Mercury, as HG; Alkyl & Aryl CMPNDS; Elemental & Inorganic Forms	7439976	factor:OEP A (auto calculate)	8269	2.6E-04	0.	4.81696E-05	4.81696E-05	TONs	
Methylcholanthrene, 3-	56495	factor:OEP A (auto calculate)	8269	9E-07	0.	1.66741E-07	1.66741E-07	TONs	
Methylnaphthalene, 2-	91576	factor:OEP A (auto calculate)	8269	2.4E-05	0.	4.44642E-06	4.44642E-06	TONs	
Naphthalene	91203	factor:OEP A (auto calculate)	8269	6.1E-04	0.	1.13013E-04	1.13013E-04	TONs	
Nickel	7440020	factor:OEP A (auto calculate)	8269	0.0021	0.	3.89062E-04	3.89062E-04	TONs	
Phenanthrene	85018	factor:OEP A (auto calculate)	8269	1.7E-05	0.	3.14955E-06	3.14955E-06	TONs	
Polycyclic Organic Matter	246	factor:OEP A (auto	8269	6.65225E-04	0.	1.23245E-04	1.23245E-04	TONs	

		calculate)							
Pyrene	129000	factor:OEPA (auto calculate)	8269	5E-06	0.	9.26338E-07	9.26338E-07	TONs	
Selenium	7782492	factor:OEPA (auto calculate)	8269	1.2E-05	0.	2.22321E-06	2.22321E-06	TONs	
Toluene	108883	factor:OEPA (auto calculate)	8269	0.0034	0.	6.2991E-04	6.2991E-04	TONs	

Emission Unit Summary: P002

Oct 11 2011, 10:22:48

Emissions Unit ID: P002

Detailed Reporting

DAPC Description:

- Unit Emissions

Pollutant	Code	$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	0	74031	74,031	LBs	
Pb - Lead	7439921	X	0	0.012	0.012	LBs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	2.17039	2.17039	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	2.17	2.17	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	LBs	
VOC - Volatile Organic Compounds	VOC		0	74031	74,031	LBs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
Total of Chargable Pollutants					39.1859	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
Acetaldehyde	75070	0.	0.473034	0.473034	TONs
Biphenyl	92524	0.	0.751288	0.751288	TONs
Chloroform	67663	0.	0.13078	0.13078	TONs
Formaldehyde	50000	0.	0.127997	0.127997	TONs
Methanol	67561	0.	0.278255	0.278255	TONs
Phenol	108952	0.	0.275472	0.275472	TONs

- **Processes**
  - **Process & Emissions Detail**

Name: Paperboard

Source Classification Code (SCC): 3-07-013-99

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

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 7745

Winter (Dec - Feb)%: 26

Spring (March-May)%: 26

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 23

Material	Material Action	Throughput	X Units
Material	Processed	55651	TONs

- **Process Emissions**

Pollutant	Code	$	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensible Portion Only (All Less than 1 Micron)	PM-CON		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			0	74031	74,031	LBs	
Pb - Lead	7439921	X	emissions: ENG.			0	0.012	0.012	LBs	

			JUDGEMENT							
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	factor:TRADE GROUP	7745	0.078	0.	2.17039	2.17039	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	2.17	2.17	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	LBs	
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	74031	74,031	LBs	
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants								39.1859	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
Acetaldehyde	75070	factor:TRADE GROUP	7745	0.017	0.	0.473034	0.473034	TONs	
Biphenyl	92524	factor:TRADE GROUP	7745	0.027	0.	0.751288	0.751288	TONs	
Chloroform	67663	factor:TRADE GROUP	7745	0.0047	0.	0.13078	0.13078	TONs	

Formaldehyde	50000	factor:TRADE GROUP	7745	0.0046	0.	0.127997	0.127997	TONs	
Methanol	67561	factor:TRADE GROUP	7745	0.01	0.	0.278255	0.278255	TONs	
Phenol	108952	factor:TRADE GROUP	7745	0.0099	0.	0.275472	0.275472	TONs	