



CONVEYOR EFFICIENCY SPECIALISTS

P.O. Box 1760  
5929 Benton Road  
Paducah, KY 42002-1760  
Phone: (800) 553-4567  
(270) 898-6821  
Fax: (800) 230-9462  
(270) 898-8061  
<http://www.aeec.com>

Commonwealth of Kentucky  
Energy and Environment Cabinet  
Department for Environmental Protection  
Division for Air Quality  
300 Sower Blvd  
Frankfort, Kentucky 40601

10/15/2025

To whom it may concern:

Please find included in this submittal form DEP7007 AI in reference to a requested air permit renewal for Arch Environmental Equipment.

Arch is currently operating under permit F-21-007, AI 39228.

This letter is also to inform the agency that no new equipment, processes, or materials have been added since the current permit was issued and/or amended.

If additional information is required, please contact Scott Howard via email stating your requirements.

Thank You,

A handwritten signature in black ink, appearing to read "Rick Archer", is written over a light green circular highlight.

Rick Archer  
President

Prepared by Scott Howard



# DEP7007AI

## Division for Air Quality

300 Sower Boulevard  
Frankfort, KY 40601  
(502) 564-3999

## Additional Documentation

\_\_\_ Additional Documentation attached

### Administrative Information

- \_\_\_ Section AI.1: Source Information
- \_\_\_ Section AI.2: Applicant Information
- \_\_\_ Section AI.3: Owner Information
- \_\_\_ Section AI.4: Type of Application
- \_\_\_ Section AI.5: Other Required Information
- \_\_\_ Section AI.6: Signature Block
- \_\_\_ Section AI.7: Notes, Comments, and Explanations

Source Name: Arch Environmental Equipment Inc

KY EIS (AFS) #: 21- 145-0088

Permit #: F-21-007

Agency Interest (AI) ID: 39228

Date: 10/14/2025

### Section AI.1: Source Information

Physical Location Street: 5929 Benton Road

Address: City: Paducah County: McCracken Zip Code: 42003

Street or P.O. Box: 5929 Benton Road

Mailing Address: City: Paducah State: McCracken Zip Code: 42003

### Standard Coordinates for Source Physical Location

Longitude: -88.5313645 (decimal degrees) Latitude: 37.0075371 (decimal degrees)

Primary (NAICS) Category: Conveyor and Conveying Equipment

Primary NAICS #: 333922

Classification (SIC) Category: **Conveyors and Conveying Equipment**

Primary SIC #: **3535**

Briefly discuss the type of business conducted at this site:  
Manufacturing of equipment used in the bulk material handling industry

Description of Area Surrounding Source:  
 Rural Area  
 Urban Area  
 Industrial Park  
 Industrial Area  
 Residential Area  
 Commercial Area

Is any part of the source located on federal land?  
 Yes  
 No

Number of Employees: **21**

Approximate distance to nearest residence or commercial property: 100ft

Property Area: 48499sqft

Is this source portable?  Yes  No

**What other environmental permits or registrations does this source currently hold or need to obtain in Kentucky?**

NPDES/KPDES:  Currently Hold  Need  N/A

Solid Waste:  Currently Hold  Need  N/A

RCRA:  Currently Hold  Need  N/A

UST:  Currently Hold  Need  N/A

Type of Regulated Waste Activity:  
 Mixed Waste Generator  Generator  Recycler  Other: \_\_\_\_\_  
 U.S. Importer of Hazardous Waste  Transporter  Treatment/Storage/Disposal Facility  N/A

**Section A1.2: Applicant Information**

**Applicant Name:** Arch Environmental Equipment Inc

**Title:** (if individual)

**Mailing Address:**  
Street or P.O. Box: 5929 Benton Rd  
City: Paducah State: KY Zip Code: 42003

**Email:** (if individual)

**Phone:** 270-898-6821

**Technical Contact**

**Name:** Scott Howard (Arch) -Brittany Kring (ECC)

**Title:**

**Mailing Address:**  
Street or P.O. Box: 5929 Benton Road  
City: Paducah State: KY Zip Code: 42003

**Email:** scott@aeec.com

**Phone:** 270-898-6821

**Air Permit Contact for Source**

**Name:** Scott Howard

**Title:**

**Mailing Address:**  
Street or P.O. Box: 5929 Benton Road  
City: Paducah State: KY Zip Code: 42003

**Email:** scott@aeec.com

**Phone:** 270-898-6821

**Section AI.3: Owner Information**

**Owner same as applicant**

**Name:**

**Title:**

**Mailing Address:**

**Street or P.O. Box:**

**City:**

**State:**

**Zip Code:**

**Email:**

**Phone:**

**List names of owners and officers of the company who have an interest in the company of 5% or more.**

**Name**

**Position**

Rick Archer

President

**Section AI.4: Type of Application**

**Current Status:**  Title V  Conditional Major  State-Origin  General Permit  Registration  None

Name Change  Initial Registration  Significant Revision  Administrative Permit Amendment

Renewal Permit  Revised Registration  Minor Revision  Initial Source-wide Operating Permit

502(b)(10)Change  Extension Request  Addition of New Facility  Portable Plant Relocation Notice

Revision  Off Permit Change  Landfill Alternate Compliance Submittal  Modification of Existing Facilities

Ownership Change  Closure

**Requested Status:**  Title V  Conditional Major  State-Origin  PSD  NSR  Other: \_\_\_\_\_

**Is the source requesting a limitation of potential emissions?**

Pollutant:	Requested Limit:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Pollutant:	Requested Limit:
<input type="checkbox"/> Particulate Matter	_____			<input type="checkbox"/> Single HAP	_____
<input type="checkbox"/> Volatile Organic Compounds (VOC)	_____			<input type="checkbox"/> Combined HAPs	_____
<input type="checkbox"/> Carbon Monoxide	_____			<input type="checkbox"/> Air Toxics (40 CFR 68, Subpart F)	_____
<input type="checkbox"/> Nitrogen Oxides	_____			<input type="checkbox"/> Carbon Dioxide	_____
<input type="checkbox"/> Sulfur Dioxide	_____			<input type="checkbox"/> Greenhouse Gases (GHG)	_____
<input type="checkbox"/> Lead	_____			<input type="checkbox"/> Other	_____

**For New Construction:**

**Proposed Start Date of Construction:**  
(MM/YYYY)

**Proposed Operation Start-Up Date:** (MM/YYYY)

**For Modifications:**

**Proposed Start Date of Modification:**  
(MM/YYYY)

**Proposed Operation Start-Up Date:** (MM/YYYY)

**Applicant is seeking coverage under a permit shield.**  Yes  No

**Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.**

**Section A1.5 Other Required Information**

Indicate the documents attached as part of this application:

- |  |  |
|--|--|
| <input type="checkbox"/> DEP7007A Indirect Heat Exchangers and Turbines                    | <input type="checkbox"/> DEP7007CC Compliance Certification                        |
| <input type="checkbox"/> DEP7007B Manufacturing or Processing Operations                   | <input type="checkbox"/> DEP7007DD Insignificant Activities                        |
| <input type="checkbox"/> DEP7007C Incinerators and Waste Burners                           | <input type="checkbox"/> DEP7007EE Internal Combustion Engines                     |
| <input type="checkbox"/> DEP7007F Episode Standby Plan                                     | <input type="checkbox"/> DEP7007FF Secondary Aluminum Processing                   |
| <input type="checkbox"/> DEP7007J Volatile Liquid Storage                                  | <input type="checkbox"/> DEP7007GG Control Equipment                               |
| <input type="checkbox"/> DEP7007K Surface Coating or Printing Operations                   | <input type="checkbox"/> DEP7007HH Haul Roads                                      |
| <input type="checkbox"/> DEP7007L Mineral Processes  | <input type="checkbox"/> Confidentiality Claim                                     |
| <input type="checkbox"/> DEP7007M Metal Cleaning Degreasers                                | <input type="checkbox"/> Ownership Change Form                                     |
| <input type="checkbox"/> DEP7007N Source Emissions Profile                                 | <input type="checkbox"/> Secretary of State Certificate                            |
| <input type="checkbox"/> DEP7007P Perchloroethylene Dry Cleaning Systems                   | <input type="checkbox"/> Flowcharts or diagrams depicting process                  |
| <input type="checkbox"/> DEP7007R Emission Offset Credit                                   | <input type="checkbox"/> Digital Line Graphs (DLG) files of buildings, roads, etc. |
| <input type="checkbox"/> DEP7007S Service Stations   | <input type="checkbox"/> Site Map  |
| <input type="checkbox"/> DEP7007T Metal Plating and Surface Treatment Operations           | <input type="checkbox"/> Map or drawing depicting location of facility             |
| <input type="checkbox"/> DEP7007V Applicable Requirements and Compliance Activities        | <input type="checkbox"/> Safety Data Sheet (SDS)                                   |
| <input type="checkbox"/> DEP7007Y Good Engineering Practice and Stack Height Determination | <input type="checkbox"/> Emergency Response Plan                                   |
| <input type="checkbox"/> DEP7007AA Compliance Schedule for Non-complying Emission Units    | <input checked="" type="checkbox"/> Other: _____                                   |
| <input type="checkbox"/> DEP7007BB Certified Progress Report                               |  |

**Section A1.6: Signature Block**

I, the undersigned, hereby certify under penalty of law, that I am a responsible official\*, and that I have personally examined, and am familiar with, the information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.



Authorized Signature

Rick Archer

Type or Printed Name of Signatory

\*Responsible official as defined by 401 KAR 52:001.

10/15/2025

Date

President

Title of Signatory

**Section AI.7: Notes, Comments, and Explanations**

see cover letter



**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Arch Environmental Equipment Inc</b> Arch Environmental Equipment Inc 5929 Benton Rd Paducah, KY 42003	<b>Plant Location</b> 5929 Benton Rd Paducah, KY 42003
--	--

**Attn:** Mr. Scott Howard      **Phone:** 270-898-6821      **Fax:** 270-898-8061  
**Latitude:** 37.007222      **Longitude:** -88.531667      **E-mail:** scott@archenv.com

**Record Date**      **Principal Product**      **Number of Employees**      **Area in Acres**  
2026/01      CONVEYORS      35      0.00

**State Plant Classification**

0; Conditional Major

<u>SIC Code</u>	<u>SIC Description</u>	<u>NAIC Code</u>	<u>NAIC Description</u>
3535	Conveyors and Conveying Equipment	333922	Conveyor and Conveying Equipment Manufacturing

<u>Program Code</u>	<u>Subpart</u>	<u>Operating Status</u>	<u>Compliance Status</u>
0-SIP Source	Not Applicable	O-Operating	4-In Compliance - Certification

**Plant Emission Totals in Tons Per Year**

<u>Pollutant ID/CAS</u>	<u>Pollutant Description</u>	<u>Actual</u>	<u>Actual Uncontrolled</u>	<u>Title V PTE</u>	<u>Max Potential</u>
124-38-9	Carbon Dioxide	371.5200000	371.5200000	773.1576000	773.1576000
630-08-0	CO (Carbon Monoxide)	0.2600640	0.2600640	0.5412103	0.5412103
100-41-4	Ethylbenzene	0.0371080	0.0371080	6.9789825	6.9789825
7439-92-1	Lead, Total (as Pb)	0.0000016	0.0000016	0.0000032	0.0000032
74-82-8	Methane	0.0071208	0.0071208	0.0148189	0.0148189
67-56-1	Methanol	0.1252100	0.1252100	2.0204940	2.0204940
108-10-1	Methyl Isobutyl Ketone	0.0469820	0.0469820	9.7264908	9.7264908
101-68-8	Methylene Diphenyl Diisocyanate	0.0194697	0.0194697	0.0997852	0.0997852
10024-97-2	Nitrous Oxide	0.0068112	0.0068112	0.0141746	0.0141746
10102-44-0	NO2 (Nitrogen Dioxide)	0.3096000	0.3096000	0.6442980	0.6442980
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0553378	0.3356714	11.6363530	11.6363530
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0474365	0.2606189	9.0572010	9.0572010
PM-FIL	PT (Particulate Matter)	0.0565258	0.3416114	11.6724880	11.6724880
7446-09-5	SO2 (Sulfur Dioxide)	0.0018576	0.0018576	0.0038658	0.0038658
108-88-3	Toluene	0.1187975	0.1187975	7.3270173	7.3270173
VOC	VOC (Volatile Organic Compounds)	3.7604727	3.7604727	105.7567316	105.7567316
1330-20-7	Xylenes (Total)	0.1219430	0.1219430	35.4184539	35.4184539

**Plant Notes from MasterFile:**

Per F-21-007, COMB2 removed from permit and database. NSP 12/8/2021

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

2025 Emissions Survey

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

**EMISSIONS SUMMARY BY Equipment ID (SI):**

<u>Equipment ID (SI):</u>	<u>Equipment Description</u>	<u>Record Date</u>			
COMB0000000001 004	CURING OVEN # 1	2021/07			
<u>POLLUTANT ID/CAS and DESCRIPTION</u>		<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
124-38-9	Carbon Dioxide	371.5200000	371.5200000	773.1576000	773.1576000
630-08-0	CO (Carbon Monoxide)	0.2600640	0.2600640	0.5412103	0.5412103
7439-92-1	Lead, Total (as Pb)	0.0000016	0.0000016	0.0000032	0.0000032
74-82-8	Methane	0.0071208	0.0071208	0.0148189	0.0148189
10024-97-2	Nitrous Oxide	0.0068112	0.0068112	0.0141746	0.0141746
10102-44-0	NO2 (Nitrogen Dioxide)	0.3096000	0.3096000	0.6442980	0.6442980
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0235296	0.0235296	0.0489667	0.0489667
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0235296	0.0235296	0.0489667	0.0489667
PM-FIL	PT (Particulate Matter)	0.0235296	0.0235296	0.0489667	0.0489667
7446-09-5	SO2 (Sulfur Dioxide)	0.0018576	0.0018576	0.0038658	0.0038658
VOC	VOC (Volatile Organic Compounds)	0.0170280	0.0170280	0.0354364	0.0354364

<u>Equipment ID (SI):</u>	<u>Equipment Description</u>	<u>Record Date</u>			
EQPT0000000001 001	Spray Booth	2021/07			
<u>POLLUTANT ID/CAS and DESCRIPTION</u>		<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
100-41-4	Ethylbenzene	0.0155680	0.0155680	6.8344425	6.8344425
67-56-1	Methanol	0.1252100	0.1252100	2.0204940	2.0204940
108-10-1	Methyl Isobutyl Ketone	0.0469820	0.0469820	9.7264908	9.7264908
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0300240	0.3002400	11.5279060	11.5279060
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0234215	0.2342150	8.9926875	8.9926875
PM-FIL	PT (Particulate Matter)	0.0300240	0.3002400	11.5279060	11.5279060
108-88-3	Toluene	0.1187975	0.1187975	7.3270173	7.3270173
VOC	VOC (Volatile Organic Compounds)	0.4281350	0.4281350	82.1289420	82.1289420
1330-20-7	Xylenes (Total)	0.0732530	0.0732530	35.0067339	35.0067339

<u>Equipment ID (SI):</u>	<u>Equipment Description</u>	<u>Record Date</u>			
EQPT0000000002 002	Urethane Shop	2021/07			
<u>POLLUTANT ID/CAS and DESCRIPTION</u>		<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
100-41-4	Ethylbenzene	0.0102900	0.0102900	0.0262800	0.0262800
101-68-8	Methylene Diphenyl Diisocyanate	0.0194697	0.0194697	0.0997852	0.0997852
VOC	VOC (Volatile Organic Compounds)	3.1193497	3.1193497	21.6125932	21.6125932
1330-20-7	Xylenes (Total)	0.0102900	0.0102900	0.0262800	0.0262800

<u>Equipment ID (SI):</u>	<u>Equipment Description</u>	<u>Record Date</u>			
EQPT0000000003 003	Adhesive Applications	2021/07			
<u>POLLUTANT ID/CAS and DESCRIPTION</u>		<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
100-41-4	Ethylbenzene	0.0112500	0.0112500	0.1182600	0.1182600
VOC	VOC (Volatile Organic Compounds)	0.1959600	0.1959600	1.9797600	1.9797600
1330-20-7	Xylenes (Total)	0.0384000	0.0384000	0.3854400	0.3854400

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

2025 Emissions Survey

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<u>Equipment ID (SI):</u>	<u>Equipment Description</u>			<u>Record Date</u>	
EQPT0000000004 006	WELDING AREA# 1			2021/07	
<u>POLLUTANT ID/CAS and DESCRIPTION</u>		<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0002834	0.0028340	0.0046691	0.0046691
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0000425	0.0004251	0.0007004	0.0007004
PM-FIL	PT (Particulate Matter)	0.0002834	0.0028340	0.0046691	0.0046691

<u>Equipment ID (SI):</u>	<u>Equipment Description</u>			<u>Record Date</u>	
EQPT0000000005 007	WELDING AREA# 2			2021/07	
<u>POLLUTANT ID/CAS and DESCRIPTION</u>		<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0002834	0.0028340	0.0046691	0.0046691
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0000425	0.0004251	0.0007004	0.0007004
PM-FIL	PT (Particulate Matter)	0.0002834	0.0028340	0.0046691	0.0046691

<u>Equipment ID (SI):</u>	<u>Equipment Description</u>			<u>Record Date</u>	
EQPT0000000006 008	WELDING AREA# 3			2021/07	
<u>POLLUTANT ID/CAS and DESCRIPTION</u>		<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0000229	0.0002288	0.0046691	0.0046691
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0000034	0.0000343	0.0007004	0.0007004
PM-FIL	PT (Particulate Matter)	0.0000229	0.0002288	0.0046691	0.0046691

<u>Equipment ID (SI):</u>	<u>Equipment Description</u>			<u>Record Date</u>	
EQPT0000000007 009	WELDING AREA# 4			2021/07	
<u>POLLUTANT ID/CAS and DESCRIPTION</u>		<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0000065	0.0000650	0.0046691	0.0046691
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0000010	0.0000098	0.0007004	0.0007004
PM-FIL	PT (Particulate Matter)	0.0000065	0.0000650	0.0046691	0.0046691

<u>Equipment ID (SI):</u>	<u>Equipment Description</u>			<u>Record Date</u>	
EQPT0000000008 010	WELDING AREA# 5			2021/07	
<u>POLLUTANT ID/CAS and DESCRIPTION</u>		<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0	0	0.0046691	0.0046691
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0	0	0.0007004	0.0007004
PM-FIL	PT (Particulate Matter)	0	0	0.0046691	0.0046691

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

2025 Emissions Survey

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

**Equipment ID (SI):** EQPT0000000009      **Equipment Description:** WOOD WORKING      **Record Date:** 2021/07  
011

<u>POLLUTANT ID/CAS and DESCRIPTION</u>	<u>ACTUAL EMISSIONS (TONS/YEAR)</u>	<u>UNCONTROLLED EMISSIONS (TONS/YEAR)</u>	<u>TITLE V PTE (TONS/YEAR)</u>	<u>MAX POTENTIAL (TONS/YEAR)</u>
PM10-FIL      PM10 (Particulate Matter - 10 Microns Or Less)	0.0011880	0.0059400	0.0361350	0.0361350
PM25-FIL      PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0003960	0.0019800	0.0120450	0.0120450
PM-FIL      PT (Particulate Matter)	0.0023760	0.0118800	0.0722700	0.0722700

**Compliance by Equipment ID (SI):**

<u>Equipment ID (SI)</u>	<u>Equipment ID (SI) Description</u>	<u>Program Compliance Status</u>	<u>Operating Status</u>	<u>Compliance Status</u>
COMB0000000001      004	CURING OVEN # 1	0-SIP Source	O-Operating	4-In Compliance - Certification
<u>Equipment ID (SI)</u>	<u>Equipment ID (SI) Description</u>	<u>Program Compliance Status</u>	<u>Operating Status</u>	<u>Compliance Status</u>
EQPT0000000001      001	Spray Booth	0-SIP Source	O-Operating	4-In Compliance - Certification
EQPT0000000002      002	Urethane Shop	0-SIP Source	O-Operating	4-In Compliance - Certification
EQPT0000000003      003	Adhesive Applications	0-SIP Source	O-Operating	4-In Compliance - Certification
EQPT0000000004      006	WELDING AREA# 1	0-SIP Source	O-Operating	4-In Compliance - Certification
EQPT0000000005      007	WELDING AREA# 2	0-SIP Source	O-Operating	4-In Compliance - Certification
EQPT0000000006      008	WELDING AREA# 3	0-SIP Source	O-Operating	4-In Compliance - Certification
EQPT0000000007      009	WELDING AREA# 4	0-SIP Source	O-Operating	4-In Compliance - Certification
EQPT0000000008      010	WELDING AREA# 5	0-SIP Source	O-Operating	9-In Compliance - Shut Down
EQPT0000000009      011	WOOD WORKING	0-SIP Source	O-Operating	4-In Compliance - Certification

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Equipment ID (SI):</b> COMB000000001 004	<b>Equipment Description:</b> CURING OVEN # 1	<b>Operating Schedule</b>			<b>% Annual Throughput</b>			
		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
		24	7	52	25	25	25	25

<b>Stack Information:</b>	<b>Stack Height</b> (ft)	<b>Stack Diameter</b> (ft)	<b>Height of Release</b> (ft)	<b>Stack Flow Rate</b> (acfm)	<b>Stack Velocity</b> (ft/sec)	<b>Exit Temperature</b> (F)
	23.00	2.80	0	13000.00	35.19	75.00

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 004

<b>Process ID:</b> 1	<b>Process Description:</b> NATURAL GAS OVEN # 1	<b>SCC Code and Description:</b> 10200603 External Combustion Boilers, Industrial (1-02), Natural Gas (1-02-006), < 10 Million Btu/hr (1-02-006-03)
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**Number of Boilers:**      **SCC Units:** Million Cubic Feet Natural Gas Burned      **Applicable Regulation:**

**Boiler Number and Capacity (mmBTU/hr):**

<b>Construction Date:</b> 03/03/1997	<b>Fugitive Emissions:</b> N	<b>Count Emission For PTE:</b> Y	<b>Confidential Information:</b> F	<b>Sulfur Content % Sulfur:</b> 0	<b>Use % Sulfur in emission calc:</b> N	<b>Ash Content % Ash:</b> 0	<b>Use % Ash in emission calc:</b> N
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**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr):</b> 0.001471	<b>Annual Throughput (SCC Units/yr):</b> 6.192000	<b>Maximum Operating Limitation (hrs/yr):</b> 8760.00	<b>Maximum Operating Limitation:</b> 12.88	<b>Maximum Operating Description:</b> mmscf/yr
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<b>Pollutant ID and Description</b>		<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/yr)</b>	<b>PTE Emissions (tons/yr)</b>
124-38-9	Carbon Dioxide	120000.0000000				371.52000000	371.52000000	773.15760000
630-08-0	CO (Carbon Monoxide)	84.0000000				0.26006400	0.26006400	0.54121032
7439-92-1	Lead, Total (as Pb)	0.0005000				0.00000155	0.00000155	0.00000322
74-82-8	Methane	2.3000000				0.00712080	0.00712080	0.01481885
10024-97-2	Nitrous Oxide	2.2000000				0.00681120	0.00681120	0.01417456
10102-44-0	NO2 (Nitrogen Dioxide)	100.0000000				0.30960000	0.30960000	0.64429800
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	7.6000000				0.02352960	0.02352960	0.04896665
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	7.6000000				0.02352960	0.02352960	0.04896665
PM-FIL	PT (Particulate Matter)	7.6000000				0.02352960	0.02352960	0.04896665
7446-09-5	SO2 (Sulfur Dioxide)	0.6000000				0.00185760	0.00185760	0.00386579
VOC	VOC (Volatile Organic Compounds)	5.5000000				0.01702800	0.01702800	0.03543639

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
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**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<u>Equipment ID (SI):</u>	<u>Equipment Description:</u>	<u>Operating Schedule</u>			<u>% Annual Throughput</u>			
		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
EQPT000000001 001	Spray Booth MP1: Coating Spray Operation System: DeVilbiss model 2000 Maximum Capacity of the Spray Gun: 6.57 gallons/hour Estimated Transfer Efficiency: 60% Fabric Filter Control Efficiency: 90% Date of Installation: 03/03/1997  MP2: Clean-Up Consumption of Solvent: 0.175 gallon/hour Date of Installation: 03/03/1997	24	7	52	25	25	25	25

<u>Stack Information:</u>	<u>Stack Height (ft)</u>	<u>Stack Diameter (ft)</u>	<u>Height of Release (ft)</u>	<u>Stack Flow Rate (acfm)</u>	<u>Stack Velocity (ft/sec)</u>	<u>Exit Temperature (F)</u>
	23.00	2.80	0	13000.00	35.20	75.00

<b>Equipment ID (SI) Detail Information:</b>	<b>Equipment ID (SI):</b> 001
<b>Process ID:</b> 1	<b>Process Description:</b> Primer
	<b>SCC Code and Description:</b> 40200110 Petroleum and Solvent Evaporation, Surface Coating Operations (4-02), Surface Coating Application - General (4-02-001), Paint: Solvent-base (4-02-001-10)
<b>Number of Boilers:</b>	<b>SCC Units:</b> Gallons Coating Processed
<b>Boiler Number and Capacity (mmBTU/hr):</b>	<b>Applicable Regulation:</b> 401 KAR 59:010; 401 KAR 63:020

<b>Construction Date:</b> 03/03/1997	<b>Fugitive Emissions:</b> N	<b>Count Emission For PTE:</b> Y	<b>Confidential Information:</b> F	<b>Sulfur Content % Sulfur:</b> 0	<b>Use % Sulfur in emission calc:</b> N	<b>Ash Content % Ash:</b> 0	<b>Use % Ash in emission calc:</b> N
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**Operating Information:**

<u>Maximum Hourly Operating Rate (SCC Units/hr)</u>	<u>Annual Throughput (SCC Units/vr)</u>	<u>Maximum Operating Limitation (hrs/vr)</u>	<u>Maximum Operating Limitation</u>	<u>Maximum Operating Description</u>	<u>Actual Ctrl.</u>	<u>PTE Ctrl. Eff.</u>	<u>Actual Emissions</u>	<u>Unctrl Act Emissions (tons/vr)</u>	<u>PTE Emissions (tons/vr)</u>
3.285000	0	8760.00	28776.60	gallons/year					
<u>Pollutant ID and Description</u>	<u>Emission Factor</u>	<u>Control Equipment Description</u>	<u>Actual Ctrl.</u>	<u>PTE Ctrl. Eff.</u>	<u>Actual Emissions</u>	<u>Unctrl Act Emissions (tons/vr)</u>	<u>PTE Emissions (tons/vr)</u>		
100-41-4 Ethylbenzene	0.2510000				0	0	3.61146330		
PM10-FIL PM10 (Particulate Matter - 10 Microns Or Less)	3.6920000	Fabric Filter/Baghouse	90.00	90.00	0	0	5.31216036		
PM25-FIL PM2.5 (Particulate Matter - 2.5 Microns Or Less)	2.8800000	Fabric Filter/Baghouse	90.00	90.00	0	0	4.14383040		
PM-FIL PT (Particulate Matter)	3.6920000	Fabric Filter/Baghouse	90.00	90.00	0	0	5.31216036		
108-88-3 Toluene	0.3760000				0	0	5.41000080		
VOC VOC (Volatile Organic Compounds)	3.3100000				0	0	47.62527300		
1330-20-7 Xylenes (Total)	1.3790000				0	0	19.84146570		

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

**Equipment ID (SI) Detail Information:**

**Equipment ID (SI):** 001

**Process ID:**      **Process Description:**

**SCC Code and Description:**

2      Clean Up      40200410      Petroleum and Solvent Evaporation, Surface Coating Operations (4-02), Surface Coating Application - General (4-02-004), Lacquer (4-02-004-10)

**Number of Boilers:**

**SCC Units:**

**Applicable Regulation**

**Boiler Number and Capacity (mmBTU/hr):**

Gallons Coating Processed

401 KAR 59:010; 401 KAR 63:020

<b>Construction Date:</b>	<b>Fugitive Emissions</b>	<b>Count Emission For PTE</b>	<b>Confidential Information</b>	<b>Sulfur Content % Sulfur</b>	<b>Use % Sulfur in emission calc</b>	<b>Ash Content % Ash</b>	<b>Use % Ash in emission calc</b>
03/03/1997	N	Y	F	0	N	0	N

**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b>	<b>Annual Throughput (SCC Units/yr)</b>	<b>Maximum Operating Limitation (hrs/yr)</b>	<b>Maximum Operating Limitation</b>	<b>Maximum Operating Description</b>
0.175000	95.000000	8760.00	1533.00	gallons/year

<b>Pollutant ID and Description</b>	<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/yr)</b>	<b>PTE Emissions (tons/yr)</b>
67-56-1      Methanol	2.6360000				0.12521000	0.12521000	2.02049400
108-88-3      Toluene	2.5010000				0.11879750	0.11879750	1.91701650
VOC      VOC (Volatile Organic Compounds)	5.9700000				0.28357500	0.28357500	4.57600500

**Equipment ID (SI) Detail Information:**

**Equipment ID (SI):** 001

**Process ID:**      **Process Description:**

**SCC Code and Description:**

3      Topcoat      40200110      Petroleum and Solvent Evaporation, Surface Coating Operations (4-02), Surface Coating Application - General (4-02-001), Paint: Solvent-base (4-02-001-10)

**Number of Boilers:**

**SCC Units:**

**Applicable Regulation**

**Boiler Number and Capacity (mmBTU/hr):**

Gallons Coating Processed

401 KAR 59:010; 401 KAR 63:020

<b>Construction Date:</b>	<b>Fugitive Emissions</b>	<b>Count Emission For PTE</b>	<b>Confidential Information</b>	<b>Sulfur Content % Sulfur</b>	<b>Use % Sulfur in emission calc</b>	<b>Ash Content % Ash</b>	<b>Use % Ash in emission calc</b>
03/03/1997	N	Y	F		N		N

**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b>	<b>Annual Throughput (SCC Units/yr)</b>	<b>Maximum Operating Limitation (hrs/yr)</b>	<b>Maximum Operating Limitation</b>	<b>Maximum Operating Description</b>
3.285000	139.000000	8760.00	28776.60	Gallons/yr

<b>Pollutant ID and Description</b>	<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/yr)</b>	<b>PTE Emissions (tons/yr)</b>
100-41-4      Ethylbenzene	0.2240000				0.01556800	0.01556800	3.22297920
108-10-1      Methyl Isobutyl Ketone	0.6760000				0.04698200	0.04698200	9.72649080
PM10-FIL      PM10 (Particulate Matter - 10 Microns Or Less)	4.3200000	Fabric Filter/Baghouse	90.00	90.00	0.03002400	0.30024000	6.21574560
PM25-FIL      PM2.5 (Particulate Matter - 2.5 Microns Or Less)	3.3700000	Fabric Filter/Baghouse	90.00	90.00	0.02342150	0.23421500	4.84885710
PM-FIL      PT (Particulate Matter)	4.3200000	Fabric Filter/Baghouse	90.00	90.00	0.03002400	0.30024000	6.21574560
VOC      VOC (Volatile Organic Compounds)	2.0800000				0.14456000	0.14456000	29.92766400
1330-20-7      Xylenes (Total)	1.0540000				0.07325300	0.07325300	15.16526820

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Equipment ID (SI):</b> EQPT000000002	<b>Equipment Description:</b> Urethane Shop MP1: Castable Urethane Molding Maximum Consumption of Coating: 37.97 lbs./hour Date of installation: 03/03/1997 MP2: Catalyst Consumption of Solvent: 2.89 lbs./hour Date of Installation: 03/03/1997	<b>Operating Schedule</b>			<b>% Annual Throughput</b>			
		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
002		24	7	52	25	25	25	25

<b>Stack Information:</b>	<b>Stack Height</b>	<b>Stack Diameter</b>	<b>Height of Release</b>	<b>Stack Flow Rate</b>	<b>Stack Velocity</b>	<b>Exit Temperature</b>
	(ft)	(ft)	(ft)	(acfm)	(ft/sec)	(F)
	19.00	2.50	0	13000.00	44.10	75.00

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 002

<b>Process ID:</b>	<b>Process Description:</b>	<b>SCC Code and Description:</b>
1	MP1: Castable Urethane Molding	39999994 Industrial Processes, Miscellaneous Manufacturing Industries (3-99), Miscellaneous Industrial Processes (3-99-999), Other Not Classified (3-99-999-94)
<b>Number of Boilers:</b>	<b>SCC Units:</b>	<b>Applicable Regulation</b>
	Pounds Material Processed	401 KAR 63:020

<b>Construction Date:</b>	<b>Fugitive Emissions</b>	<b>Count Emission For PTE</b>	<b>Confidential Information</b>	<b>Sulfur Content % Sulfur</b>	<b>Use % Sulfur in emission calc</b>	<b>Ash Content % Ash</b>	<b>Use % Ash in emission calc</b>
03/03/1997	N	Y	F	0	N	0	N

**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b>	<b>Annual Throughput (SCC Units/vr)</b>	<b>Maximum Operating Limitation (hrs/vr)</b>	<b>Maximum Operating Limitation</b>	<b>Maximum Operating Description</b>
37.970000	64899.000000	8760.00	332618.00	pounds/year

<b>Pollutant ID and Description</b>	<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/vr)</b>	<b>PTE Emissions (tons/vr)</b>
101-68-8 Methylene Diphenyl Diisocyanate	0.0006000				0.01946970	0.01946970	0.09978516
VOC VOC (Volatile Organic Compounds)	0.0006000				0.01946970	0.01946970	0.09978516

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 002

<b>Process ID:</b>	<b>Process Description:</b>	<b>SCC Code and Description:</b>
2	MP2: Catalyst	39999994 Industrial Processes, Miscellaneous Manufacturing Industries (3-99), Miscellaneous Industrial Processes (3-99-999), Other Not Classified (3-99-999-94)
<b>Number of Boilers:</b>	<b>SCC Units:</b>	<b>Applicable Regulation</b>
	Pounds Material Processed	401 KAR 63:020

<b>Construction Date:</b>	<b>Fugitive Emissions</b>	<b>Count Emission For PTE</b>	<b>Confidential Information</b>	<b>Sulfur Content % Sulfur</b>	<b>Use % Sulfur in emission calc</b>	<b>Ash Content % Ash</b>	<b>Use % Ash in emission calc</b>
03/03/1997	N	Y	F	0	N	0	N

**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b>	<b>Annual Throughput (SCC Units/vr)</b>	<b>Maximum Operating Limitation (hrs/vr)</b>	<b>Maximum Operating Limitation</b>	<b>Maximum Operating Description</b>
2.890000	4846.000000	8760.00	25317.00	pounds/year

<b>Pollutant ID and Description</b>	<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/vr)</b>	<b>PTE Emissions (tons/vr)</b>
VOC VOC (Volatile Organic Compounds)	1.0000000				2.42300000	2.42300000	12.65820000







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DETAILED PLANT INFORMATION**

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Equipment ID (SI):</b> EQPT000000003	<b>Equipment Description:</b> Adhesive Applications MPI: Elastomer Application Maximum Adhesive Consumption: 0.54 lbs./hour Date of Installation: 03/03/1997	<b>Operating Schedule</b>			<b>% Annual Throughput</b>			
		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
003		24	7	52	25	25	25	25

<b>Stack Information:</b>	<b>Stack Height</b> (ft)	<b>Stack Diameter</b> (ft)	<b>Height of Release</b> (ft)	<b>Stack Flow Rate</b> (acfm)	<b>Stack Velocity</b> (ft/sec)	<b>Exit Temperature</b> (F)
	19.00	2.50	0	13000.00	44.10	75.00

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 003

<b>Process ID:</b>	<b>Process Description:</b>	<b>SCC Code and Description:</b>
1	ELASTOMER ADHESIVE	39999994      Industrial Processes, Miscellaneous Manufacturing Industries (3-99), Miscellaneous Industrial Processes (3-99-999), Other Not Classified (3-99-999-94)
<b>Number of Boilers:</b>	<b>SCC Units:</b>	<b>Applicable Regulation</b>
<b>Boiler Number and Capacity (mmBTU/hr):</b>	Pounds Material Processed	401 KAR 63:020

<b>Construction Date:</b>	<b>Fugitive Emissions</b>	<b>Count Emission For PTE</b>	<b>Confidential Information</b>	<b>Sulfur Content % Sulfur</b>	<b>Use % Sulfur in emission calc</b>	<b>Ash Content % Ash</b>	<b>Use % Ash in emission calc</b>
03/03/1997	N	Y	F	0	N	0	N

**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b>	<b>Annual Throughput (SCC Units/vr)</b>	<b>Maximum Operating Limitation (hrs/vr)</b>	<b>Maximum Operating Limitation</b>	<b>Maximum Operating Description</b>
0.400000	264.000000	8760.00	3504.00	pounds/year

<u>Pollutant ID and Description</u>	<u>Emission Factor</u>	<u>Control Equipment Description</u>	<u>Actual Ctrl.</u>	<u>PTE Ctrl. Eff.</u>	<u>Actual Emissions</u>	<u>Unctrl Act Emissions (tons/vr)</u>	<u>PTE Emissions (tons/vr)</u>
100-41-4      Ethylbenzene	0.0500000				0.00660000	0.00660000	0.08760000
VOC      VOC (Volatile Organic Compounds)	0.7800000				0.10296000	0.10296000	1.36656000
1330-20-7      Xylenes (Total)	0.1500000				0.01980000	0.01980000	0.26280000

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 003

<b>Process ID:</b>	<b>Process Description:</b>	<b>SCC Code and Description:</b>
2	ELASTOMER ADHESIVE THINNER	39999994      Industrial Processes, Miscellaneous Manufacturing Industries (3-99), Miscellaneous Industrial Processes (3-99-999), Other Not Classified (3-99-999-94)
<b>Number of Boilers:</b>	<b>SCC Units:</b>	<b>Applicable Regulation</b>
<b>Boiler Number and Capacity (mmBTU/hr):</b>	Pounds Material Processed	401 KAR 63:020

<b>Construction Date:</b>	<b>Fugitive Emissions</b>	<b>Count Emission For PTE</b>	<b>Confidential Information</b>	<b>Sulfur Content % Sulfur</b>	<b>Use % Sulfur in emission calc</b>	<b>Ash Content % Ash</b>	<b>Use % Ash in emission calc</b>
03/03/1997	N	Y	F		N		N

**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b>	<b>Annual Throughput (SCC Units/vr)</b>	<b>Maximum Operating Limitation (hrs/vr)</b>	<b>Maximum Operating Limitation</b>	<b>Maximum Operating Description</b>
0.140000	186.000000	8760.00	1226.00	pounds/year

<u>Pollutant ID and Description</u>	<u>Emission Factor</u>	<u>Control Equipment Description</u>	<u>Actual Ctrl.</u>	<u>PTE Ctrl. Eff.</u>	<u>Actual Emissions</u>	<u>Unctrl Act Emissions (tons/vr)</u>	<u>PTE Emissions (tons/vr)</u>
100-41-4      Ethylbenzene	0.0500000				0.00465000	0.00465000	0.03066000
VOC      VOC (Volatile Organic Compounds)	1.0000000				0.09300000	0.09300000	0.61320000
1330-20-7      Xylenes (Total)	0.2000000				0.01860000	0.01860000	0.12264000

**KENTUCKY DIVISION FOR AIR QUALITY  
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**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Equipment ID (SI):</b> EQPT000000004 006	<b>Equipment Description:</b> WELDING AREA# 1	<b>Operating Schedule</b>			<b>% Annual Throughput</b>			
		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
		24	7	52	25	25	25	25

<b>Stack Information:</b>	<b>Stack Height</b> (ft)	<b>Stack Diameter</b> (ft)	<b>Height of Release</b> (ft)	<b>Stack Flow Rate</b> (acfm)	<b>Stack Velocity</b> (ft/sec)	<b>Exit Temperature</b> (F)
	19.00	2.50	0	13000.00	44.10	75.00

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 006

<b>Process ID:</b> 1	<b>Process Description:</b> WELDING STATION # 1	<b>SCC Code and Description:</b> 30900501 Industrial Processes, Fabricated Metal Products (3-09), Welding (3-09-005), Arc Welding: General ** (See 3-09-050) (3-09-005-01)
<b>Number of Boilers:</b>	<b>SCC Units:</b> Pounds Welding Rod Consumed	<b>Applicable Regulation:</b> 401 KAR 59:010 401 KAR 63:020
<b>Boiler Number and Capacity (mmBTU/hr):</b>		

<b>Construction Date:</b> 03/03/1997	<b>Fugitive Emissions:</b> N	<b>Count Emission For PTE:</b> Y	<b>Confidential Information:</b> F	<b>Sulfur Content % Sulfur:</b> 0	<b>Use % Sulfur in emission calc:</b> N	<b>Ash Content % Ash:</b> 0	<b>Use % Ash in emission calc:</b> N
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**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b> 2.050000	<b>Annual Throughput (SCC Units/yr)</b> 1090.000000	<b>Maximum Operating Limitation (hrs/yr)</b> 8760.00	<b>Maximum Operating Limitation</b> 17958.00	<b>Maximum Operating Description</b> pounds/year
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<b>Pollutant ID and Description</b>		<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/yr)</b>	<b>PTE Emissions (tons/yr)</b>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00028340	0.00283400	0.00466908
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0007800	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00004251	0.00042510	0.00070036
PM-FIL	PT (Particulate Matter)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00028340	0.00283400	0.00466908

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Equipment ID (SI):</b> EQPT000000005 007	<b>Equipment Description:</b> WELDING AREA# 2	<b>Operating Schedule</b>			<b>% Annual Throughput</b>			
		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
		24	7	52	25	25	25	25

<b>Stack Information:</b>	<b>Stack Height</b> (ft)	<b>Stack Diameter</b> (ft)	<b>Height of Release</b> (ft)	<b>Stack Flow Rate</b> (acfm)	<b>Stack Velocity</b> (ft/sec)	<b>Exit Temperature</b> (F)
	19.00	2.50	0	13000.00	44.10	75.00

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 007

<b>Process ID:</b> 1	<b>Process Description:</b> WELDING STATION # 2	<b>SCC Code and Description:</b> 30900501      Industrial Processes, Fabricated Metal Products (3-09), Welding (3-09-005), Arc Welding: General ** (See 3-09-050) (3-09-005-01)
<b>Number of Boilers:</b>	<b>SCC Units:</b> Pounds Welding Rod Consumed	<b>Applicable Regulation</b> 401 KAR 59:010 401 KAR 63:020
<b>Boiler Number and Capacity (mmBTU/hr):</b>		

<b>Construction Date:</b> 03/03/1997	<b>Fugitive Emissions</b> N	<b>Count Emission For PTE</b> Y	<b>Confidential Information</b> F	<b>Sulfur Content % Sulfur</b> 0	<b>Use % Sulfur in emission calc</b> N	<b>Ash Content % Ash</b> 0	<b>Use % Ash in emission calc</b> N
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**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b> 2.050000	<b>Annual Throughput (SCC Units/yr)</b> 1090.000000	<b>Maximum Operating Limitation (hrs/yr)</b> 8760.00	<b>Maximum Operating Limitation</b> 17958.00	<b>Maximum Operating Description</b> pounds/year
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<b>Pollutant ID and Description</b>		<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/yr)</b>	<b>PTE Emissions (tons/yr)</b>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00028340	0.00283400	0.00466908
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0007800	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00004251	0.00042510	0.00070036
PM-FIL	PT (Particulate Matter)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00028340	0.00283400	0.00466908

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
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**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Equipment ID (SI):</b> EQPT000000006 008	<b>Equipment Description:</b> WELDING AREA# 3	<b>Operating Schedule</b>			<b>% Annual Throughput</b>			
		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
		24	7	52	25	25	25	25

<b>Stack Information:</b>	<b>Stack Height (ft)</b>	<b>Stack Diameter (ft)</b>	<b>Height of Release (ft)</b>	<b>Stack Flow Rate (acfm)</b>	<b>Stack Velocity (ft/sec)</b>	<b>Exit Temperature (F)</b>
	19.00	2.50	0	13000.00	44.10	75.00

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 008

<b>Process ID:</b> 1	<b>Process Description:</b> WELDING STATION # 3	<b>SCC Code and Description:</b> 30900501 Industrial Processes, Fabricated Metal Products (3-09), Welding (3-09-005), Arc Welding: General ** (See 3-09-050) (3-09-005-01)
<b>Number of Boilers:</b>	<b>SCC Units:</b> Pounds Welding Rod Consumed	<b>Applicable Regulation:</b> 401 KAR 59:010 401 KAR 63:020
<b>Boiler Number and Capacity (mmBTU/hr):</b>		

<b>Construction Date:</b> 03/03/1997	<b>Fugitive Emissions:</b> N	<b>Count Emission For PTE:</b> Y	<b>Confidential Information:</b> F	<b>Sulfur Content % Sulfur:</b> 0	<b>Use % Sulfur in emission calc:</b> N	<b>Ash Content % Ash:</b> 0	<b>Use % Ash in emission calc:</b> N
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**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b>	<b>Annual Throughput (SCC Units/yr)</b>	<b>Maximum Operating Limitation (hrs/yr)</b>	<b>Maximum Operating Limitation</b>	<b>Maximum Operating Description</b>
2.050000	88.000000	8760.00	17958.00	pounds/year

<b>Pollutant ID and Description</b>		<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/yr)</b>	<b>PTE Emissions (tons/yr)</b>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00002288	0.00022880	0.00466908
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0007800	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00000343	0.00003432	0.00070036
PM-FIL	PT (Particulate Matter)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00002288	0.00022880	0.00466908

**KENTUCKY DIVISION FOR AIR QUALITY  
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**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Equipment ID (SI):</b> EQPT000000007 009	<b>Equipment Description:</b> WELDING AREA# 4	<b>Operating Schedule</b>			<b>% Annual Throughput</b>			
		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
		24	7	52	25	25	25	25

<b>Stack Information:</b>	<b>Stack Height</b> (ft)	<b>Stack Diameter</b> (ft)	<b>Height of Release</b> (ft)	<b>Stack Flow Rate</b> (acfm)	<b>Stack Velocity</b> (ft/sec)	<b>Exit Temperature</b> (F)
	19.00	2.50	0	13000.00	44.10	75.00

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 009

<b>Process ID:</b> 1	<b>Process Description:</b> WELDING STATION # 4	<b>SCC Code and Description:</b> 30900501      Industrial Processes, Fabricated Metal Products (3-09), Welding (3-09-005), Arc Welding: General ** (See 3-09-050) (3-09-005-01)
<b>Number of Boilers:</b>	<b>SCC Units:</b> Pounds Welding Rod Consumed	<b>Applicable Regulation</b> 401 KAR 59:010 401 KAR 63:020
<b>Boiler Number and Capacity (mmBTU/hr):</b>		

<b>Construction Date:</b> 03/03/1997	<b>Fugitive Emissions</b> N	<b>Count Emission For PTE</b> Y	<b>Confidential Information</b> F	<b>Sulfur Content % Sulfur</b> 0	<b>Use % Sulfur in emission calc</b> N	<b>Ash Content % Ash</b> 0	<b>Use % Ash in emission calc</b> N
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**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b> 2.050000	<b>Annual Throughput (SCC Units/yr)</b> 25.000000	<b>Maximum Operating Limitation (hrs/yr)</b> 8760.00	<b>Maximum Operating Limitation</b> 17958.00	<b>Maximum Operating Description</b> pounds/year
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<b>Pollutant ID and Description</b>		<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/yr)</b>	<b>PTE Emissions (tons/yr)</b>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00000650	0.00006500	0.00466908
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0007800	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00000098	0.00000975	0.00070036
PM-FIL	PT (Particulate Matter)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0.00000650	0.00006500	0.00466908

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

2025 Emissions Survey

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Equipment ID (SI):</b> EQPT000000008	<b>Equipment Description:</b> WELDING AREA# 5	<b>Operating Schedule</b>			<b>% Annual Throughput</b>			
010		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
		24	7	52	25	25	25	25

<b>Stack Information:</b>	<b>Stack Height</b> (ft)	<b>Stack Diameter</b> (ft)	<b>Height of Release</b> (ft)	<b>Stack Flow Rate</b> (acfm)	<b>Stack Velocity</b> (ft/sec)	<b>Exit Temperature</b> (F)
	19.00	2.50	0	13000.00	44.10	75.00

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 010

<b>Process ID:</b> 1	<b>Process Description:</b> WELDING STATION # 5	<b>SCC Code and Description:</b> 30900501 Industrial Processes, Fabricated Metal Products (3-09), Welding (3-09-005), Arc Welding: General ** (See 3-09-050) (3-09-005-01)
<b>Number of Boilers:</b>	<b>SCC Units:</b> Pounds Welding Rod Consumed	<b>Applicable Regulation:</b> 401 KAR 59:010 401 KAR 63:020
<b>Boiler Number and Capacity (mmBTU/hr):</b>		

<b>Construction Date:</b> 03/03/1997	<b>Fugitive Emissions:</b> N	<b>Count Emission For PTE:</b> Y	<b>Confidential Information:</b> F	<b>Sulfur Content % Sulfur:</b> 0	<b>Use % Sulfur in emission calc:</b> N	<b>Ash Content % Ash:</b> 0	<b>Use % Ash in emission calc:</b> N
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**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b> 2.050000	<b>Annual Throughput (SCC Units/yr)</b> 0	<b>Maximum Operating Limitation (hrs/yr)</b> 8760.00	<b>Maximum Operating Limitation</b> 17958.00	<b>Maximum Operating Description</b> pounds/year
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<b>Pollutant ID and Description</b>	<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/yr)</b>	<b>PTE Emissions (tons/yr)</b>
PM10-FIL    PM10 (Particulate Matter - 10 Microns Or Less)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0	0	0.00466908
PM25-FIL    PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.0007800	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0	0	0.00070036
PM-FIL      PT (Particulate Matter)	0.0052000	Electrostatic Precipitator - Dry (DESP)	90.00	90.00	0	0	0.00466908

**KENTUCKY DIVISION FOR AIR QUALITY  
KENTUCKY EMISSIONS INVENTORY SYSTEM  
DETAILED PLANT INFORMATION**

**Facility ID:** 2114500088      **AI ID:** 39228      **YEAR OF INVENTORY:** 2025      McCracken County

<b>Equipment ID (SI):</b> EQPT000000009	<b>Equipment Description:</b> WOOD WORKING	<b>Operating Schedule</b>			<b>% Annual Throughput</b>			
011		<u>Hours/Day</u>	<u>Days/Week</u>	<u>Weeks/Year</u>	<u>Dec-Feb</u>	<u>Mar-May</u>	<u>Jun-Aug</u>	<u>Sep-Nov</u>
		24	7	52	25	25	25	25

<b>Stack Information:</b>	<b>Stack Height (ft)</b>	<b>Stack Diameter (ft)</b>	<b>Height of Release (ft)</b>	<b>Stack Flow Rate (acfm)</b>	<b>Stack Velocity (ft/sec)</b>	<b>Exit Temperature (F)</b>
	19.00	2.50		13000.00	44.14	75.00

**Equipment ID (SI) Detail Information:**      **Equipment ID (SI):** 011

<b>Process ID:</b> 1	<b>Process Description:</b> WOOD WORKING	<b>SCC Code and Description:</b> 30704005 Industrial Processes, Pulp and Paper and Wood Products (3-07), Bulk Handling and Storage - Wood/Bark (3-07-040), Conveyors (3-07-040-05)
<b>Number of Boilers:</b>	<b>SCC Units:</b> Tons Material Processed	<b>Applicable Regulation:</b> 401 KAR 59:010
<b>Boiler Number and Capacity (mmBTU/hr):</b>		

<b>Construction Date:</b> 03/03/1997	<b>Fugitive Emissions:</b> N	<b>Count Emission For PTE:</b> Y	<b>Confidential Information:</b> F	<b>Sulfur Content % Sulfur:</b> 0	<b>Use % Sulfur in emission calc:</b> N	<b>Ash Content % Ash:</b> 0	<b>Use % Ash in emission calc:</b> N
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**Operating Information:**

<b>Maximum Hourly Operating Rate (SCC Units/hr)</b>	<b>Annual Throughput (SCC Units/yr)</b>	<b>Maximum Operating Limitation (hrs/yr)</b>	<b>Maximum Operating Limitation</b>	<b>Maximum Operating Description</b>
0.013750	3.960000	8760.00	120.45	tons/yr

<b>Pollutant ID and Description</b>		<b>Emission Factor</b>	<b>Control Equipment Description</b>	<b>Actual Ctrl.</b>	<b>PTE Ctrl. Eff.</b>	<b>Actual Emissions</b>	<b>Unctrl Act Emissions (tons/yr)</b>	<b>PTE Emissions (tons/yr)</b>
PM10-FIL	PM10 (Particulate Matter - 10 Microns Or Less)	3.0000000	Cyclone / Centrifugal Collector	80.00	80.00	0.00118800	0.00594000	0.03613500
PM25-FIL	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	1.0000000	Cyclone / Centrifugal Collector	80.00	80.00	0.00039600	0.00198000	0.01204500
PM-FIL	PT (Particulate Matter)	6.0000000	Cyclone / Centrifugal Collector	80.00	80.00	0.00237600	0.01188000	0.07227000