

Commonwealth of Kentucky  
Division for Air Quality  
***STATEMENT OF BASIS / SUMMARY***

Title V, Construction/Operating  
Permit: V-26-010

Mouser Cabinetry, LLC  
2112 N Dixie Avenue  
Elizabethtown, KY 42701

July 27, 2026  
Jonathon Hughes, Reviewer

|                  |              |
|------------------|--------------|
| SOURCE ID:       | 21-093-00043 |
| AGENCY INTEREST: | 35221        |
| ACTIVITY:        | APE20250001  |

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## SECTION 1 – SOURCE DESCRIPTION

SIC Code and description: 2434, Wood Kitchen Cabinets

Single Source Det. ☐ Yes ☒ No If Yes, Affiliated Source AI:

Source-wide Limit ☒ Yes ☐ No If Yes, See Section 4, Table A

28 Source Category ☐ Yes ☒ No If Yes, Category:

County: Hardin

Nonattainment Area ☒ N/A ☐ PM<sub>10</sub> ☐ PM<sub>2.5</sub> ☐ CO ☐ NO<sub>x</sub> ☐ SO<sub>2</sub> ☐ Ozone ☐ Lead

If yes, list Classification:

PTE\* greater than 100 tpy for any criteria air pollutant ☒ Yes ☐ No

If yes, for what pollutant(s)?

☐ PM<sub>10</sub> ☐ PM<sub>2.5</sub> ☐ CO ☐ NO<sub>x</sub> ☐ SO<sub>2</sub> ☒ VOC

PTE\* greater than 250 tpy for any criteria air pollutant ☒ Yes ☐ No

If yes, for what pollutant(s)?

☐ PM<sub>10</sub> ☐ PM<sub>2.5</sub> ☐ CO ☐ NO<sub>x</sub> ☐ SO<sub>2</sub> ☒ VOC

PTE\* greater than 10 tpy for any single hazardous air pollutant (HAP) ☒ Yes ☐ No

If yes, list which pollutant(s): Methanol, Toluene, Xylenes

PTE\* greater than 25 tpy for combined HAP ☒ Yes ☐ No

\*PTE does not include self-imposed emission limitations.

### Description of Facility:

Mouser Cabinetry, LLC operates a wood cabinetry manufacturing facility. The process of cabinetry manufacturing consists of mainly wood working and surface coating operations.

## SECTION 2 – CURRENT APPLICATION AND EMISSION SUMMARY FORM

Permit Number: V-26-010

Activities: APE20250001

Received: 11/21/2025

Application Complete Date: 2/13/2026

Permit Action: ☐ Initial ☒ Renewal ☐ Significant Rev ☐ Minor Rev ☐ Administrative

Construction/Modification Requested? ☒ Yes ☐ No NSR Applicable? ☐ Yes ☒ No

Previous 502(b)(10) or Off-Permit Changes incorporated with this permit action ☒ Yes ☐ No

**APE20240001.** Relocation of EU 22, EU 24 and EU 25 within the facility, no change to potential to emit or actual emissions.

### Description of Action:

Renewal permit with minor typographical changes requested by the facility. EU 25, which was previously permitted, has not yet been constructed. This permit provides new construction authority for that unit.

| V-26-010 Emission Summary                      |                   |                    |
|------------------------------------------------|-------------------|--------------------|
| Pollutant                                      | 2024 Actual (tpy) | PTE V-26-010 (tpy) |
| CO                                             | 0.415             | 12.14              |
| NO <sub>x</sub>                                | 0.494             | 14.46              |
| PT                                             | 1.24              | 18.22              |
| PM <sub>10</sub>                               | 1.24              | 18.22              |
| PM <sub>2.5</sub>                              | 0.727             | 18.22              |
| SO <sub>2</sub>                                | 0.003             | 0.09               |
| VOC                                            | 69.2              | 495.5              |
| Lead                                           | 0                 | 0.00007            |
| Greenhouse Gases (GHGs)                        |                   |                    |
| Carbon Dioxide                                 | 593               | 17315              |
| Methane                                        | 0.011             | 0.33               |
| Nitrous Oxide                                  | 0.011             | 0.03               |
| CO <sub>2</sub> Equivalent (CO <sub>2</sub> e) | 596               | 17333              |
| Hazardous Air Pollutants (HAPs)                |                   |                    |
| 1,2,4-Trichlorobenzene<br>(CAS #: 120-82-1)    | 0                 | 5.39               |
| Ethylbenzene                                   | 0.078             | 5.49               |
| Formaldehyde                                   | 0.006             | 2.44               |
| Methanol                                       | 0.034             | 69.5               |
| Methyl Isobutyl Ketone                         | 0.004             | 24.8               |
| Toluene                                        | 5.19              | 111                |
| Xylenes                                        | 2.84              | 96.5               |
| Combined HAPs:                                 | 8.13              | 316                |

### SECTION 3 – EMISSIONS, LIMITATIONS AND BASIS

| Emission Unit 01 (001) Sanding/Woodworking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                               |                                                 |                                                     |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|---------------------------------------------|
| Pollutant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Emission Limit or Standard                                                                                    | Regulatory Basis for Emission Limit or Standard | Emission Factor Used and Basis                      | Compliance Method                           |
| PM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.34 lb/hr, Process Rate <1,000 lb/hr<br>3.59P <sup>0.62</sup> , Process Rate >1,000 lb/hr up to 60,000 lb/hr | 401 KAR 59:010, Section 3(2)                    | Engineering Estimate, 400 lbs per 1,000 board feet. | Pneumafil baghouses, 99.96 % C.E.           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20% opacity                                                                                                   | 401 KAR 59:010, Section 3(1)                    | N/A                                                 | Recordkeeping of weekly visual observations |
| <p><b>Initial Construction Dates:</b> 1989 through 1996</p> <p><b>Process Description:</b><br/>The emission unit consists of various wood working equipment such as power/hand tools for cutting, sanding, shaping, touch-up, finish sanding, etc. Various types of hard woods are used to produce custom wood cabinets.</p> <p><b>Applicable Regulation:</b><br/><b>401 KAR 59:010</b>, <i>New process operations</i></p> <p><b>Comments:</b><br/>The maximum throughput rate is 600 board feet per hour. Particulate emission factor based on engineering estimate was determined to be 0.4 lb./board ft., and 652 lb/hr. (from the 2010 renewal application) Three (3) Pneumafil reverse air polyester felt baghouses are utilized to control wood dust. The air flow rate each unit is 48,000 standard cubic feet per minute. Air to cloth ratio of the filter unit is 10:1. The total filtering area is 48,000 square feet.</p> <p>Control equipment information from APE20100001. Includes Control Efficiency percentage of 99.96% and gauge pressure drop range of 2” to 4” WC for optimum operation.</p> <p>CAM does not apply for the PM emissions generated from EU 01 because the baghouses have been identified as inherent process equipment (as defined 40 CFR 64.1). The facility states that “without the controls operating and evacuating dust and wood shavings, the [woodworking] equipment would immediately become inoperable.” In 40 CFR 64.1, inherent process equipment is “equipment that is necessary for the proper or safe functioning of the process...and operated primarily for purposes other than compliance with air pollution regulations.” Since a control device is defined as “equipment, other than inherent process equipment...”, then the baghouses are not considered a control device for purposes of CAM. Since only two of the three criteria as shown in Section 5 are met, CAM does not apply.</p> |                                                                                                               |                                                 |                                                     |                                             |

| <b>Emission Unit 19 (019) Shot Blast Machine</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                               |                                                        |                                                 |                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------|---------------------------------------------|
| <b>Pollutant</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Emission Limit or Standard</b>                                                                             | <b>Regulatory Basis for Emission Limit or Standard</b> | <b>Emission Factor Used and Basis</b>           | <b>Compliance Method</b>                    |
| PM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.34 lb/hr, Process Rate <1,000 lb/hr<br>3.59P <sup>0.62</sup> , Process Rate >1,000 lb/hr up to 60,000 lb/hr | 401 KAR 59:010, Section 3(2)                           | AP-42 13.2.6-1, 1.38 lbs per ton after controls | Dust Collector                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20% opacity                                                                                                   | 401 KAR 59:010, Section 3(1)                           | N/A                                             | Recordkeeping of weekly visual observations |
| <p><b>Initial Construction Date:</b> 2002</p> <p><b>Process Description:</b><br/>The emission unit consists of a totally enclosed shot blast machine to clean dried paint from racks. Filters utilized to control particulates are also enclosed in the machine.</p> <p><b>Applicable Regulation:</b><br/><b>401 KAR 59:010</b>, <i>New process operations</i></p> <p><b>Comments:</b><br/>The maximum throughput rate is 0.713 tons per hour of steel shot. PM emission was calculated based on the rate given in table 13.2.6-1 for enclosed abrasive blasting in AP-42. The emission factor was only presented as a controlled emission factor apparently because the machine itself is enclosed, and not practical to determine an uncontrolled emission rate. The published emission rate was 0.69 lbs. of PM per 1000 lbs. of blasting media.</p> <ul style="list-style-type: none"> <li>An LS Industries DC-3 Dust Collector is utilized to control particulate emissions. The emission from this unit is vented through Stack #19. Dust Collector system information from APE20090001 and APE20100001. Controlled emission factor is used in the emission calculations.</li> </ul> |                                                                                                               |                                                        |                                                 |                                             |

| <b>Emission Units 002-006, 008-012, 022-023, EP24, 025-026 Coating Operations</b> |                                                                 |                                                        |                                                             |                                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------|
| <b>Pollutant</b>                                                                  | <b>Emission Limit or Standard</b>                               | <b>Regulatory Basis for Emission Limit or Standard</b> | <b>Emission Factor Used and Basis</b>                       | <b>Compliance Method</b>                                       |
| PM                                                                                | 2.34 lbs./hr.                                                   | 401 KAR 59:010, Section 3(2)                           | Material Balance & SDS, see table below transfer efficiency | Fiberglass Filters, 99.8 % C.E.                                |
|                                                                                   | 20% opacity                                                     | 401 KAR 59:010, Section 3(1)                           | N/A                                                         | Recordkeeping of weekly visual observations                    |
| VOC                                                                               | Source wide 225 tpy                                             | To preclude 401 KAR 51:017                             | Material Balance & SDS                                      | Monthly emission calculations and a new rolling 12-month total |
| VHAP                                                                              | 1.0 lb./lb. solids existing source; 0.8 lb/lb solids new source | 40 CFR 63, Subpart JJ                                  | Material Balance & SDS                                      | Calculate the average VHAP content monthly                     |

**Initial Construction and/or Modification Dates:** (02)- 1989, (03)-1989, (04)-1989, (05)-1989, (06)-9/1989, (08)-5/1989, (09)-5/1996, (10)-5/1996, (11)-5/1996, (12)-1996 modified 2014, (22)-2008, (23)-9/2016, (24)-4/2021, (25)- Proposed 2026, (26)- 2024

**Process Description:**

The emission unit consists of spray booths with HVLP applicator guns for stain and coating applications on the surface of wood cabinets.

| Emission Unit                                       | Throughput*                                                                                           | Stack       | Transfer Efficiency |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------|---------------------|
| Emission Unit 02 (002)<br>Stain Booth Offline***    | 0.23 gal/hr. of stains and 0.2 gal/hr. of thinners                                                    | Stack #2**  | 70%                 |
| Emission Unit 03 (003)<br>Sealer Spray Booths***    | 1.02 gals/hr. composite sealer and 0.08 gal/hr. of thinner                                            | Stack #3**  | 70%                 |
| Emission Unit 04 (004)<br>Glaze Booth***            | 0.08 gal/hr. of composite glazes and 0.07 gal/hr. of thinner                                          | Stack #4**  | 70%                 |
| Emission Unit 05 (005)<br>Topcoat Booth***          | 0.62 gal/hr. of topcoats and 0.14 gal/hr. of thinners                                                 | Stack #5**  | 70%                 |
| Emission Unit 06 (006)<br>Match Sample Booth***     | 0.02 gal/hr. of stains, 0.10 gal/hr. of sealers, 0.04 gal/hr. of topcoat and 0.03 gal/hr. of thinners | Stack #6**  | 70%                 |
| Emission Unit 08 (008)<br>Laboratory Booth          | 1.35 gals/hr of thinners                                                                              | Stack #8    | N/A                 |
| Emission Unit 09 (009)<br>Mainline Stain Booth***   | 1.39 gal/hr. of stains and 1.23 gal/hr. of thinners                                                   | Stack #9**  | 70%                 |
| Emission Unit 10 (010)<br>Mainline Sealer Booths*** | 9.13 gal/hr. sealers and 0.67 gal/hr. of thinners                                                     | Stack #10** | 70%                 |
| Emission Unit 11 (011)<br>Mainline Glaze Booth***   | 0.76 gal/hr. of glazes and 0.60 gal/hr. of thinners                                                   | Stack #11** | 70%                 |

**Emission Units 002-006, 008-012, 022-023, EP24, 025-026 Coating Operations**

|                                                         |                                                                                                   |             |     |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------|-----|
| Emission Unit 12 (012)<br>Mainline Topcoat Booth***     | 3.79 gals/hr. of topcoats and 0.83 gal/hr. of thinners                                            | Stack #12** | 70% |
| Emission Unit 22 (022)<br>Pre-Prime Booth***            | 0.63 gal/hr. of primers and 0.1 gal/hr. of thinners                                               | Stack #22** | 70% |
| Emission Unit 23 (023)<br>Rework/Tall Spray Booth       | 0.04 gal/hr. of stain, 0.2 gal/hr. of sealer, 0.09 gal/hr. of topcoat and 0.07 gal/hr. of thinner | Stack #23** | 65% |
| Emission Unit 24 (EP24)<br>Contact Adhesive Spray Booth | 0.143 gal/hr. of adhesive                                                                         | Stack #24** | 65% |
| Emission Unit 25 (25)<br>Pre-Prime Booth                | 0.2 gal/hr. of sealer, 0.09 gal/hr. of topcoat and 0.07 gal/hr. of thinner                        | Stack #25** | 65% |
| Emission Unit 26 (26)<br>Rework Spray Booth             | 0.04 gal/hr. of stain, 0.2 gal/hr. of sealer, 0.09 gal/hr. of topcoat and 0.07 gal/hr. of thinner | Stack #26** | 65% |

\*Throughput is due to process limitations in cabinet production. Actual capacity of spray guns is higher.

\*\* Disposable fiberglass paint filters are utilized to control particulate emissions.

\*\*\* Control equipment information from APE20100001. Includes Control Efficiency percentage of 99.8% and gauge pressure drop range of 0.07" to 0.5" WC for optimum operation.

**Applicable Regulations:**

**401 KAR 50:012, Section 1(2), General application.** In the absence of a standard specified in these administrative regulations, all major air contaminant sources shall as a minimum apply control procedures that are reasonable, available, and practical.

**401 KAR 59:010, New process operations**

**401 KAR 63:002, Section (z), 40 CFR 63.800 through 63.808, Tables 1 through 6 (Subpart JJ), National Emission Standards for Wood Furniture Manufacturing Operations.**

**Precluded Regulations:**

**401 KAR 51:017, Prevention of significant deterioration of air quality**

**Comments:**

**MACT Requirements:**

For emission units EU 02, EU 03, EU 04, EU 05, EU 06, EU 08,: a weighted average VHAP content across all coatings as applied shall be less than 1.0 pound of VHAP per pound of solids; Strippable spray booth material maximum VOC content shall be 0.8 pound of VOC per pound of solids.

For emission units EU 09, EU 10, EU 11, EU 12, EU 22, EU 23, EU 24, EU 25 & EU 26 a weighted average VHAP content across all coatings as applied shall be less than 0.8 pound of VHAP per pound of solids; Strippable spray booth material maximum VOC content shall be 0.8 pound of VOC per pound of solids.

An **existing** source is any source that commenced startup prior to December 7, 1995. A **new** source is any

**Emission Units 002-006, 008-012, 022-023, EP24, 025-026 Coating Operations**

source that commenced startup on or after December 7, 1995.

401 KAR 50:012, Section 1(2), RAP Determination

Pursuant to 401 KAR 50:012, Section 1(2), in the absence of a standard specified in these administrative regulations, all major air contaminant sources shall as a minimum apply control procedures that are reasonable, available, and practical. This source is subject to the requirements of 401 KAR 50:012, Section 1(2), because this source is located in Hardin County, which has been designated as an attainment area for ozone and the source does not have any other standards for VOCs, which are regulated ozone precursor pollutants. As such, the permittee shall as a minimum apply control procedures that are reasonable, available, and practical for the coating room. As discussed above, the source is subject to the requirements of 40 CFR 63, Subpart JJ for this Wood Kitchen Cabinets manufacturing facility. While the focus of Subpart JJ is organic HAPs, the Division has determined that the Subpart JJ control procedures are reasonable, available, and practical for purposes of related VOC emissions. Therefore, the source is able to comply with this rule.

401 KAR 63:020, Potentially hazardous matter or toxic substances does not apply since HAPs are regulated by subpart JJ.

### **SECTION 3 – EMISSIONS, LIMITATIONS AND BASIS (CONTINUED)**

#### **Testing Requirements\Results**

N/A

## SECTION 4 – SOURCE INFORMATION AND REQUIREMENTS

**Table A - Group Requirements:**

| Emission and Operating Limit | Regulation                 | Emission Unit |
|------------------------------|----------------------------|---------------|
| 225 tpy of VOC emissions     | To preclude 401 KAR 51:017 | Source-wide   |

**Table B - Summary of Applicable Regulations:**

| Applicable Regulations                                                                                                                                                              | Emission Unit           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>401 KAR 50:012</b> , <i>General application</i>                                                                                                                                  | 02-06, 08-12, 22-26     |
| <b>401 KAR 59:010</b> , <i>New process operations.</i>                                                                                                                              | 01-06, 08-12, 19, 22-26 |
| <b>401 KAR 63:002, Section (z)</b> , 40 CFR 63.800 through 63.808, Tables 1 through 6 (Subpart JJ), <i>National Emission Standards for Wood Furniture Manufacturing Operations.</i> | 02-06, 08-12, 22-26     |

**Table C - Summary of Precluded Regulations:**

| Precluded Regulations                                                                 | Emission Unit |
|---------------------------------------------------------------------------------------|---------------|
| <b>401 KAR 51:017</b> , <i>Prevention of significant deterioration of air quality</i> | Source-wide   |

**Table D - Summary of Non Applicable Regulations:**

N/A

### **Air Toxic Analysis**

N/A

### **Single Source Determination**

N/A

## SECTION 5 – COMPLIANCE ASSURANCE MONITORING

**40 CFR 64**, *Compliance assurance monitoring* (CAM) applies to a pollutant-specific emissions unit at a major source that is required to obtain a part 70 or 71 permit if the unit satisfies all of the following criteria:

- (1) The unit is subject to an emission limitation or standard for the applicable regulated air pollutant (or a surrogate thereof), other than an emission limitation or standard that is exempt under 40 CFR 64.2(b)(1);
- (2) The unit uses a control device to achieve compliance with any such emission limitation or standard; and
- (3) The unit has potential pre-control device emissions of the applicable regulated air pollutant that are equal to or greater than 100 percent of the amount, in tons per year, required for a source to be classified as a major source.

### CAM for PM

| Emission Unit | Criteria 1 (Y/N) | Criteria 2 (Y/N) | Criteria 3 (Y/N) | Does CAM apply?<br>If Y for criteria 1, 2, AND 3, then Yes,<br>Otherwise, No. |
|---------------|------------------|------------------|------------------|-------------------------------------------------------------------------------|
| 001           | Y                | N                | Y                | No                                                                            |

\* If Yes, CAM applies for any of the emission units above, then see further clarification for each listed emission unit in **Section 3**.

### CAM for VOCs

| Emission Unit | Criteria 1 (Y/N) | Criteria 2 (Y/N) | Criteria 3 (Y/N) | Does CAM apply?<br>If Y for criteria 1, 2, AND 3, then Yes,<br>Otherwise, No. |
|---------------|------------------|------------------|------------------|-------------------------------------------------------------------------------|
| 010           | N                | N                | Y                | No                                                                            |

\* If Yes, CAM applies for any of the emission units above, then see further clarification for each listed emission unit in **Section 3**.

## SECTION 6 – PERMITTING HISTORY

| Permit      | Permit Type    | Activity #  | Complete Date | Issuance Date | Summary of Action              | PSD/Syn Minor |
|-------------|----------------|-------------|---------------|---------------|--------------------------------|---------------|
| V-97-058    | Initial        | F003        | ---           | 3/9/1998      | Initial Permit                 | Syn Minor     |
| V-05-008    | Renewal        | APE20040002 | 12/1/2004     | 6/2/2005      | Renewal Operating Permit       | N/A           |
| V-10-006    | Renewal        | APE20100001 | 3/31/2010     | 10/12/2010    | Renewal Operating Permit       | N/A           |
| V-15-021    | Renewal        | APE20150001 | 4/15/2015     | 2/4/2016      | Renewal Operating Permit       | N/A           |
| V-20-023    | Renewal        | APE20200001 | 10/19/2020    | 5/23/2021     | Renewal w/ name & owner change | N/A           |
|             | Minor Revision | APE20200002 | 12/16/2020    |               | Add EU 24                      | N/A           |
| V-20-023 R1 | Minor Revision | APE20220002 | 12/20/2022    | 5/5/2023      | Add EU 25 and EU 26            | N/A           |

**SECTION 7 – PERMIT APPLICATION HISTORY**

N/A

## **APPENDIX A – ABBREVIATIONS AND ACRONYMS**

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| AAQS              | – Ambient Air Quality Standards                               |
| BACT              | – Best Available Control Technology                           |
| Btu               | – British thermal unit                                        |
| CAM               | – Compliance Assurance Monitoring                             |
| CO                | – Carbon Monoxide                                             |
| Division          | – Kentucky Division for Air Quality                           |
| ESP               | – Electrostatic Precipitator                                  |
| GHG               | – Greenhouse Gas                                              |
| HAP               | – Hazardous Air Pollutant                                     |
| HF                | – Hydrogen Fluoride (Gaseous)                                 |
| MSDS              | – Material Safety Data Sheets                                 |
| mmHg              | – Millimeter of mercury column height                         |
| NAAQS             | – National Ambient Air Quality Standards                      |
| NESHAP            | – National Emissions Standards for Hazardous Air Pollutants   |
| NO <sub>x</sub>   | – Nitrogen Oxides                                             |
| NSR               | – New Source Review                                           |
| PM                | – Particulate Matter                                          |
| PM <sub>10</sub>  | – Particulate Matter equal to or smaller than 10 micrometers  |
| PM <sub>2.5</sub> | – Particulate Matter equal to or smaller than 2.5 micrometers |
| PSD               | – Prevention of Significant Deterioration                     |
| PTE               | – Potential to Emit                                           |
| SO <sub>2</sub>   | – Sulfur Dioxide                                              |
| TF                | – Total Fluoride (Particulate & Gaseous)                      |
| VOC               | – Volatile Organic Compounds                                  |