

**Commonwealth of Kentucky
Energy and Environment Cabinet
Department for Environmental Protection
Division for Air Quality
300 Sower Boulevard, 2nd Floor
Frankfort, Kentucky 40601
(502) 564-3999**

Draft

**AIR QUALITY PERMIT
Issued under 401 KAR 52:030**

Permittee Name: ESCO Group LLC- Covington
Mailing Address: 3792 Lake Park Drive, Covington, KY 41017

Source Name: ESCO Group LLC- Covington
Mailing Address: 3792 Lake Park Drive, Covington, KY 41017

Source Location: 3792 Lake Park Drive

Permit ID: F-20-010
Agency Interest #: 2457
Activity ID: APE20200001
Review Type: Conditional Major, Operating
Source ID: 21-117-00150

Regional Office: Florence Regional Office
8020 Veterans Memorial Drive, Suite 110
Florence, KY 41042
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County: Kenton

**Application
Complete Date:** June 4, 2020
Issuance Date:
Expiration Date:

**Melissa Duff, Director
Division for Air Quality**

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	Permit type	Activity#	Complete Date	Issuance Date	Summary of Action
F-20-010	Renewal	APE20200001	6/4/2020	TBD	Renewal Permit

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Energy and Environment Cabinet (Cabinet) hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes (KRS) Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS**Emission Point 02 (02) Arc Welding Stations****Description:**

The emission point consists of 48 gas metal arc welding stations, 15 arc cutters, and 2 robotic welding stations.

48 Manual Gas Metal Arc Welding Stations

Control equipment: None

Construction commenced: September, 1989 through October, 2015.

2 Robotic Gas Metal Arc Welding Station (FANUC 120iC/10L)

Control equipment: Cartridge Filtering System

Construction commenced: September, 2014 and May, 2019

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations.

401 KAR 63:002, Section 2(4)(vvvvv), 40 C.F.R. 63.11514 to 63.11523, Tables 1 to 2 (Subpart XXXXXX), *National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories*

1. Operating Limitations:

40 CFR 63.11516(f)(1). The permittee shall operate all equipment, capture, and control devices associated with welding operations according to manufacturer's instructions.

2. Emission Limitations:

- a. 401 KAR 59:010, New process operations,
Section 3, PM emissions shall not exceed the hourly allowable rate of 2.34 lbs/hr.

Compliance Demonstration Method:

The source is assumed to be in compliance when each affected facility is properly maintained and operated.

- b. Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).

Compliance Demonstration Method for opacity: See Monitoring Requirements below.

- c. 40 CFR 63.11516(f)(3), *Tier 1 compliance requirements for welding*. The permittee shall perform visual determinations of welding fugitive emissions at the primary vent, stack, exit, or opening from the building containing the welding operations as specified in 40 CFR 63.11517(a) through (c).

- d. 40 CFR 63.11516(f)(4), *Requirements upon initial detection of visible emissions from welding*. If visible fugitive emissions are detected during any visual determination, the permittee shall comply as follows: Perform corrective actions that include, but are not limited to, inspection of welding fume sources, and evaluation of the proper operation and effectiveness of the management practices or fume control measures implemented.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**2. Emission Limitations (continued):**

After completing such corrective actions, the permittee shall perform a follow-up inspection for visible fugitive emissions at the primary vent, stack, exit, or opening from the building containing the welding operations.

- e. 40 CFR 63.11516(f)(5), *Tier 2 requirements upon subsequent detection of visible emissions*. If visible fugitive emissions are detected more than once during any consecutive 12 month period (notwithstanding the results of any follow-up inspections), the permittee shall comply with paragraphs 40 CFR 63.11516(f)(5)(i) through (iv).
- f. 40 CFR 63.11516(f)(6), *Requirements for opacities less than or equal to 20 percent but greater than zero*. For each visual determination of emissions opacity performed for which the average of the six-minute average opacities recorded is 20 percent or less but greater than zero, the permittee shall perform corrective actions, including inspection of all welding fume sources, and evaluation of the proper operation and effectiveness of the management practices or fume control measures.
- g. 40 CFR 63.11516(f)(7), *Tier 3 requirements for opacities exceeding 20 percent*. For each visual determination of emissions opacity performed in accordance with paragraph (d) of this section for which the average of the six-minute average opacities recorded exceeds 20 percent the permittee must comply with the requirements in paragraphs 40 CFR 63.11516(f)(7)(i) through (v).
- h. 40 CFR 63.11516(f)(8), *Site-Specific Welding Emissions Management Plan*. The Site-Specific Welding Emissions Management Plan must comply with the following requirements in paragraphs 40 CFR 63.11516(f)(8)(i) through (iii).

3. Testing Requirements:

- a. Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulation 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.
- b. Also, see Monitoring requirements below.

4. Monitoring Requirements:

- a. 40 CFR 63.11517(a). *Visual determination of fugitive emissions, general*. Visual determination of fugitive emissions shall be performed according to the procedures of EPA Method 22, of 40 CFR part 60, Appendix A-7. The permittee shall conduct the EPA Method 22 test while the affected source is operating under normal conditions. The duration of each EPA Method 22 test must be at least 15 minutes, and visible emissions will be considered to be present if they are detected for more than six minutes of the fifteen minute period.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**4. Monitoring Requirements (continued):**

- b. 40 CFR 63.11517(b). *Visual determination of fugitive emissions, graduated schedule.* Visual determinations of fugitive emissions shall be performed in accordance with paragraph (a) of this section and according to the schedule in paragraphs (b)(1) through (4) of this section.
- (1) *Daily Method 22 Testing.* Perform visual determination of fugitive emissions once per day, on each day the process is in operation, during operation of the process.
 - (2) *Weekly Method 22 Testing.* If no visible fugitive emissions are detected in consecutive daily EPA Method 22 tests, performed in accordance with paragraph (b)(1) of this section for 10 days of work day operation of the process, the permittee may decrease the frequency of EPA Method 22 testing to once every five days of operation of the process (one calendar week). If visible fugitive emissions are detected during these tests, the permittee must resume EPA Method 22 testing of that operation once per day during each day that the process is in operation, in accordance with paragraph (b)(1) of this section.
 - (3) *Monthly Method 22 Testing.* If no visible fugitive emissions are detected in four consecutive weekly EPA Method 22 tests performed in accordance with paragraph (b)(2) of this section, the permittee may decrease the frequency of EPA Method 22 testing to once per 21 days of operation of the process (one calendar month). If visible fugitive emissions are detected during these tests, the permittee must resume weekly EPA Method 22 in accordance with paragraph (b)(2) of this section.
 - (4) *Quarterly Method 22 Testing.* If no visible fugitive emissions are detected in three consecutive monthly EPA Method 22 tests performed in accordance with paragraph (b)(3) of this section, the permittee may decrease the frequency of EPA Method 22 testing to once per 60 days of operation of the process (3 calendar months). If visible fugitive emissions are detected during these tests, the permittee must resume monthly EPA Method 22 in accordance with paragraph (b)(3) of this section.
- c. 40 CFR 63.11517(c). *Visual determination of emissions opacity for welding Tier 2 or 3, general.* Visual determination of emissions opacity must be performed in accordance with the procedures of EPA Method 9, of 40 CFR part 60, Appendix A-4, and while the affected source is operating under normal conditions. The duration of the EPA Method 9 test shall be thirty minutes.
- d. 40 CFR 63.11517(d) *Visual determination of emissions opacity for welding Tier 2 or 3, graduated schedule.* The permittee must perform visual determination of emissions opacity in accordance with paragraph (c) of this section and according to the schedule in paragraphs (d)(1) through (5) of this section.
- (1) *Daily Method 9 testing for welding, Tier 2 or 3.* Perform visual determination of emissions opacity once per day during each day that the process is in operation.
 - (2) *Weekly Method 9 testing for welding, Tier 2 or 3.* If the average of the six minute opacities recorded during any of the daily consecutive EPA Method 9 tests performed in accordance with paragraph (d)(1) of this section does not exceed 20 percent for 10 days of operation of the process, you may decrease the frequency of EPA Method 9

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**4. Monitoring Requirements (continued):**

- testing to once per five days of consecutive work day operation. If opacity greater than 20 percent is detected during any of these tests, the permittee must resume testing every day of operation of the process according to the requirements of paragraph (d)(1) of this section.
- (3) *Monthly Method 9 testing for welding Tier 2 or 3.* If the average of the six minute opacities recorded during any of the consecutive weekly EPA Method 9 tests performed in accordance with paragraph (d)(2) of this section does not exceed 20 percent for four consecutive weekly tests, you may decrease the frequency of EPA Method 9 testing to once per every 21 days of operation of the process. If visible emissions opacity greater than 20 percent is detected during any monthly test, the permittee must resume testing every five days of operation of the process according to the requirements of paragraph (d)(2) of this section
- (4) *Quarterly Method 9 testing for welding Tier 2 or 3.* If the average of the six minute opacities recorded during any of the consecutive weekly EPA Method 9 tests performed in accordance with paragraph (d)(3) of this section does not exceed 20 percent for three consecutive monthly tests, you may decrease the frequency of EPA Method 9 testing to once per every 120 days of operation of the process. If visible emissions opacity greater than 20 percent is detected during any quarterly test, the permittee must resume testing every 21 days (month) of operation of the process according to the requirements of paragraph (d)(3) of this section.
- (5) *Return to Method 22 testing for welding, Tier 2 or 3.* If, after two consecutive months of testing, the average of the six minute opacities recorded during any of the monthly EPA Method 9 tests performed in accordance with paragraph (d)(3) of this section does not exceed 20 percent, the permittee may resume EPA Method 22 testing as in paragraphs (b)(3) and (4) of this section. In lieu of this, the permittee may elect to continue performing EPA Method 9 tests in accordance with paragraphs (d)(3) and (4) of this section.
- e. The permittee shall perform a qualitative visual observation of the opacity of emissions at each stack no less than weekly while the affected facility is operating. If visible emissions from the stacks are observed (not including condensed water in the plume), the permittee shall determine the opacity using Reference Method 9. In lieu of determining the opacity using U.S. EPA Method 9, the permittee shall immediately perform a corrective action which results in no visible emissions (not including condensed water in the plume).

5. Specific Reporting Requirements:

- a. 40 CFR 63.11519(b)(1). The permittee shall prepare and submit annual certification and compliance reports for each affected source.
- b. 40 CFR 63.11519(b)(5). The annual certification and compliance report must contain the information for each affected source which performs visual determination of fugitive emissions.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**5. Specific Reporting Requirements (Continued):**

- c. 40 CFR 63.11519(b)(6). The annual certification and compliance report must contain the information for each affected source which performs visual determination of emissions opacity.
- d. 40 CFR 63.11519(b)(8). For opacities exceeding 20 percent, the permittee shall prepare an exceedance report whenever the average of the six-minute average opacities recorded during a visual determination of emissions opacity exceeds 20 percent. This report must be submitted along with annual certification and compliance report.

6. Specific Recordkeeping Requirements:

- a. 40 CFR 63.11519(c)(2). The permittee shall maintain a record of the information for each affected source which performs visual determination of fugitive emissions.
- b. 40 CFR 63.11519(c)(3). The permittee shall maintain a record of the information for each affected source which performs visual determination of emissions opacity.
- c. 40 CFR 63.11519(c)(4). The permittee shall maintain a record of the manufacturer's specifications for the control devices used to comply with the standards and management practices.
- d. 40 CFR 63.11519(c)(13). If the permittee comply with this subpart by operating any equipment according to manufacturer's instruction, they must keep these instructions readily available for inspector review.
- e. 40 CFR 63.11519(c)(14). The permittee shall maintain records welding rod usage on a rolling 12-month basis.
- f. The records must be in a form suitable and readily available for expeditious review. Where appropriate, the records may be maintained as electronic spreadsheets or as a database.

6. Specific Control Equipment Operating Conditions:

None

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**Emission Point 03 (03) Shot Blast Cabinet****Description:**

Pangborn Shot Blast is an enclosed loop system.

Control equipment: cartridge dust collector

Control efficiency: 99%

Construction commenced: December, 1999.

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations

401 KAR 63:002, Section 2(4)(vvvvv), 40 C.F.R. 63.11514 to 63.11523, Tables 1 to 2 (Subpart XXXXXX), *National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories*

1. Operating Limitations:

- a. 40 CFR 63.11516(a)(2)(i). The permittee shall capture emissions and vent them to the cartridge dust collectors. The permittee shall operate the cartridge dust collectors according to manufacturer's instructions.
- b. 40 CFR 63.11516(a)(2)(ii). The permittee shall implement the management practices to minimize emissions of MFHAP as follows:
 - (1) The permittee shall take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable;
 - (2) The permittee shall enclose dusty abrasive material storage areas and holding bins, seal chutes and conveyors that transport abrasive materials; and
 - (3) The permittee shall operate all equipment associated with dry abrasive blasting operations according to manufacturer's instructions.

2. Emission Limitations:

- a. Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).

Compliance Demonstration Method:

Given the description provided for this emission point, compliance with Operating Limitations a and b demonstrates compliance with the above emission limitations.

- b. Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).

Compliance Demonstration Method for opacity: See Monitoring Requirements below.

3. Testing Requirements:

- a. Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulation 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.
- b. Also, see Monitoring requirements below.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**4. Monitoring Requirements:**

- a. 40 CFR 63.11517(a). *Visual determination of fugitive emissions, general.* Visual determination of fugitive emissions shall be performed according to the procedures of EPA Method 22, of 40 CFR part 60, Appendix A-7. The permittee shall conduct the EPA Method 22 test while the affected source is operating under normal conditions. The duration of each EPA Method 22 test must be at least 15 minutes, and visible emissions will be considered to be present if they are detected for more than six minutes of the fifteen minute period.
- b. 40 CFR 63.11517(b). *Visual determination of fugitive emissions, graduated schedule.* Visual determinations of fugitive emissions shall be performed in accordance with paragraph (a) of this section and according to the schedule in paragraphs (b)(1) through (4) of this section.
 - (1) *Daily Method 22 Testing.* Perform visual determination of fugitive emissions once per day, on each day the process is in operation, during operation of the process.
 - (2) *Weekly Method 22 Testing.* If no visible fugitive emissions are detected in consecutive daily EPA Method 22 tests, performed in accordance with paragraph (b)(1) of this section for 10 days of work day operation of the process, the permittee may decrease the frequency of EPA Method 22 testing to once every five days of operation of the process (one calendar week). If visible fugitive emissions are detected during these tests, the permittee must resume EPA Method 22 testing of that operation once per day during each day that the process is in operation, in accordance with paragraph (b)(1) of this section.
 - (3) *Monthly Method 22 Testing.* If no visible fugitive emissions are detected in four consecutive weekly EPA Method 22 tests performed in accordance with paragraph (b)(2) of this section, the permittee may decrease the frequency of EPA Method 22 testing to once per 21 days of operation of the process (one calendar month). If visible fugitive emissions are detected during these tests, the permittee must resume weekly EPA Method 22 in accordance with paragraph (b)(2) of this section.
 - (4) *Quarterly Method 22 Testing.* If no visible fugitive emissions are detected in three consecutive monthly EPA Method 22 tests performed in accordance with paragraph (b)(3) of this section, the permittee may decrease the frequency of EPA Method 22 testing to once per 60 days of operation of the process (3 calendar months). If visible fugitive emissions are detected during these tests, the permittee must resume monthly EPA Method 22 in accordance with paragraph (b)(3) of this section. Resistance to airflow across the cartridge dust collectors shall be monitored by use of a magnahelic gauge, manometer or other means, as an indicator of the need for filter maintenance. Readings from the chosen instrument shall be taken at a minimum of once each 8 hours of operation.
- c. The permittee shall perform a qualitative visual observation of the opacity of emissions at each stack no less than weekly while the affected facility is operating. If visible emissions from the stacks are observed (not including condensed water in the plume), the permittee shall determine the opacity using Reference Method 9. In lieu of determining the opacity using U.S. EPA Method 9, the permittee shall immediately perform a corrective action which results in no visible emissions (not including condensed water in the plume).

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**5. Specific Reporting Requirements:**

40 CFR 63.11519(b)(1). The permittee shall prepare and submit annual certification and compliance reports for each affected source to include visual determination of fugitive emissions requirements and visual determination of emissions opacity requirements.

6. Specific Recordkeeping Requirements:

a. 40 CFR 63.11519(c)(2). The permittee shall maintain a record of the information specified in the paragraphs 40 CFR 63.11519(c)(2)(i) through (iii) for each affected source which performs visual determination of fugitive emissions.

b. 40 CFR 63.11519(c)(3). The permittee shall maintain a record of the information for each affected source which performs visual determination of emissions opacity.

c. 40 CFR 63.11519(c)(4). The permittee shall maintain a record of the manufacturer's specifications for the control devices used to comply with the standards and management practices.

d. 40 CFR 63.11519(c)(13). If the permittee comply with this subpart by operating any equipment according to manufacturer's instruction, they must keep these instructions readily available for inspector review.

e. The records must be in a form suitable and readily available for expeditious review. Where appropriate, the records may be maintained as electronic spreadsheets or as a database.

7. Specific Control Equipment Operating Conditions:

Cartridges must be in place and operational according to manufacturer's specifications and recommendations.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Point 04 (04)

Paint Spray Booths

Description:

K001-Manual paint spray booth equipped with one spray gun.
 Maximum coating application rate: 3 gallons per hour
 Control equipment: exhaust filters
 Control efficiency: 95%
 Date commenced: September 1989.

K002- Manual paint spray booth equipped with one spray gun.
 Maximum coating application rate: 3 gallons per hour
 Control equipment: exhaust filters
 Control efficiency: 95%
 Date commenced: December 1999.

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations.

STATE-ORIGIN REQUIREMENTS:

401 KAR 63:020, Potentially hazardous matter or toxic substances

1. Operating Limitations:

The filters shall be in place and operated according to the manufacturer's specifications and recommendations at anytime a given spray booth is in use.

2. Emission Limitations:

a. The following emission limitations for particulate matter are pursuant to 401 KAR 59:010, Section 3 (2):

EMISSION POINT	AFFECTED FACILITY	MAXIMUM CAPACITY (ton/hr)	MAXIMUM ALLOWABLE EMISSION RATE (lb/hr)
04	Paint Spray Booths	0.025	2.34

Emission of particulate matter from a control device or stack of any affected facility up to a process rate of 1000 lbs/hr shall not exceed 2.34 lbs/hr.

Compliance Demonstration Method:

The source is assumed to be in compliance when the filters are in place and properly maintained. Refer to Subsection 4. **Monitoring Requirements.**

b. The opacity of visible emissions from each stack shall not equal or exceed 20 percent [401 KAR 59:010, Section 3 (1)].

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**2. Emission Limitations (Continued):****Compliance Demonstration Method:**

See 4. Monitoring Requirements for opacity compliance demonstration.

- c. See Section D for the source-wide VOC emission limitations.
- d. Based upon the emission rates of toxics and hazardous air pollutants determined by the Cabinet using information provided in the application and supplemental information submitted by the source, the Cabinet determines the affected facility to be in compliance with 401 KAR 63:020.

Compliance Demonstration Method:

Annual source wide emissions for Diethylene Glycol Monobutyl Ether (CAS # 112-34-5) shall not exceed 0.3 tons per year. See Section D.

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulation 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.

4. Monitoring Requirements:

- a. Resistance to airflow across the booth filters shall be monitored by use of a magnahelic gauge, manometer or other means, as an indicator of the need for filter maintenance. Readings from the chosen instrument shall be taken once a day during the operation of the spray booth.
- b. The permittee shall perform a qualitative visual observation of the opacity of emissions at each stack no less than weekly while the affected facility is operating. If visible emissions from the stacks are observed (not including condensed water in the plume), the permittee shall determine the opacity using Reference Method 9. In lieu of determining the opacity using U.S. EPA Method 9, the permittee shall immediately perform a corrective action which results in no visible emissions (not including condensed water in the plume).

5. Specific Record Keeping Requirements:

- a. Monthly records shall be kept of all top coats, base coats/primers, clean coats, thinners, and clean-up solutions used, including the type, amount, VOC content by weight percent, less any water and/or exempt solvent.
- b. Monthly records shall be kept of all materials containing Diethylene Glycol Monobutyl Ether (DGMBE) used for the above affected facilities, including the product type, amount used and weight percentage of DGMBE.
- c. VOC and DGMBE emissions shall be calculated monthly per Item 2. Emission Limitations c and d, and every month, a new 12-month rolling total for VOC and DGMBE emissions shall be calculated.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**5. Specific Record Keeping Requirements (Continued):**

- d. All records shall be retained by the source for a period of five years. These records, as well as purchase orders and invoices for all VOC/DGMBE containing materials, shall be made available for inspection upon request by any authorized representative of the Division for Air Quality.
- e. The permittee shall maintain a log of the pressure drop readings across the particulate filters, including the date, and the dates of the filter replacements. For any booth that is not in operation on a given date, this fact should also be noted.
- f. The permittee shall maintain a log of the visual observations noting date, time, initials of observers, and records of corrective actions taken as a result of visible emissions from a stack and records of any Reference Method 9 readings performed.
- g. The permittee shall keep manufacturer's filter specifications on site.

6. Specific Reporting Requirements:

- a. Any deviations from requirements of section B shall be reported.
- b. The VOC/DGMBE emission calculation for each month in the semi-annual period shall be reported.
- c. The rolling 12 month total for VOC/DGMBE during each month in the semi-annual period shall be reported.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Point 05 (05)

Area Spraying Operation

Description:

Area spray painting of construction implements (mining buckets and bucket lip attachments) which are too large for the paint spray booths. The implements are spray painted either electrostatically or with an HVLP applicator.

Maximum coating application rate: 3 gallons per hour

Control equipment: none

Date commenced: 2013

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations.

STATE-ORIGIN REQUIREMENTS:

401 KAR 63:020, Potentially hazardous matter or toxic substances

1. Operating Limitations:

The unit shall be operated and maintained in accordance with the manufacturer's recommendations unless otherwise allowed in this permit.

2. Emission Limitations:

a. Visible emissions shall not equal or exceed 20% opacity. 401 KAR 59:010, Section 3(1)(a).

Compliance Demonstration Method for opacity: See Monitoring Requirements below

b. Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).

Compliance Demonstration Method: Material balance on incoming and outgoing particulate matter. This material balance can be shown by providing the following equations and solution to regulatory personnel during source inspection.

$$PM_{out} = \sum Q * EF * (1 - CE) * (1 - TE)$$

$$2.34 \text{ lbs/hour} \geq PM_{out}$$

Where,

PM_{out} = particulate matter emissions in lbs/hour

Q = maximum paint applicator design flow rate in gallons/hour

EF = Emission Factor, the amount of particulates per gallon paint as determined by the MSDS of the paint with the highest concentration of particulate matter in lbs/gallon

CE = Control Efficiency, assume 70% for painting in enclosed areas

TE = Transfer Efficiency, the fraction of paint particulates estimated to adhere to the surface being coated

The summation symbol indicates that, if there is more than one applicator, their associated emission rates should be summed together.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**2. Emission Limitations (continued):**

- c. Pursuant to 401 KAR 63:020, no owner or operator shall allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants.

Compliance Demonstration Method: Annual source wide emissions for Diethylene Glycol Monobutyl Ether (CAS # 112-34-5) shall not exceed 0.3 tons per year. See Section D.

- d. For source-wide VOC limitations see Section D.

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulation 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.

4. Monitoring Requirements:

The permittee shall perform a qualitative visual observation of the operation of emissions at the closest exit point to the ambient air no less than weekly while the affected facility is operating.

5. Specific Record Keeping Requirements:

- a. Monthly records shall be kept of all coatings and clean-up solutions used, including the type, amount, VOC content by weight percent, less any water and/or exempt solvent.
- b. Monthly records shall be kept of all materials containing Diethylene Glycol Monobutyl Ether (DGMBE) used for the above affected facilities, including the product type, amount used and weight percentages of DGMBE.
- c. VOC and DGMBE emissions shall be calculated monthly per **Item 2. Emission Limitations** c and d, and every month, a new 12-month rolling total for VOC and DGMBE emissions shall be calculated.
- d. All records shall be retained by the source for a period of five years. These records, as well as purchase orders and invoices for all VOC/DGMBE containing materials, shall be made available for inspection upon request by any authorized representative of the Division for Air Quality.
- e. The permittee shall maintain a log of the visual observations noting date, time, initials of observers.

6. Specific Reporting Requirements:

- a. Any deviations from requirements of section B shall be reported.
- b. The VOC/DGMBE emission calculation for each month in the semi-annual period shall be reported.
- c. The rolling 12 month total for VOC/DGMBE during each month in the semi-annual period shall be reported.

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030, Section 6. Although these activities are designated as insignificant the permittee must comply with the applicable regulation. Process and emission control equipment at each insignificant activity subject to an opacity standard shall be inspected monthly and a qualitative visible emissions evaluation made. Results of the inspection, evaluation, and any corrective action shall be recorded in a log.

DescriptionGenerally Applicable Regulation

None

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26; compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.
2. VOC and Diethylene Glycol Monobutyl Ether (CAS # 112-34-5) emissions, measured by applicable reference methods, or an equivalent or alternative method specified in 40 C.F.R. Chapter I, or by a test method specified in the state implementation plan shall not exceed the respective limitations specified herein.
 - a. Source wide emissions of VOCs shall not exceed 20 tons during any consecutive 12 month period.

Compliance Demonstration Method:

$$\text{Actual VOC emissions} = \sum_{i=1}^n M_i \rho_i$$

Where,

ρ = weight percent of VOC in each solvent containing material less water and /or exempt solvent

i = individual solvent containing material (thinner, cleaner, base coat/primer, top coat, clear coat1, clear coat2, etc.)

n = total number of solvent containing material used

M = Pounds of solvent containing material "i" used

- b. Source wide emissions of Diethylene Glycol Monobutyl Ether (CAS # 112-34-5) shall not exceed 0.3 tons during any consecutive 12 month period.

Compliance Demonstration Method:

$$\text{Diethylene Glycol Monobutyl Ether emissions} = \sum_{j=1}^m DGMBE_j$$

Where,

j = individual Diethylene Glycol Monobutyl Ether emission

m = total number of single Diethylene Glycol Monobutyl Ether emissions

DGMBE = Diethylene Glycol Monobutyl Ether

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b-IV-1 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 26, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place (as defined in this permit), and time of sampling or measurements;
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five (5) years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [401 KAR 52:030, Section 3(1)(f)1a, and Section 1a-7 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
3. In accordance with the requirements of 401 KAR 52:030, Section 3(1)f, the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
 - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
 - b. To access and copy any records required by the permit;
 - c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation [Sections 1b-V-1 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:030, Section 22. If continuous emission and opacity monitors are required by regulation or this permit, data shall be reported in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All deviations from permit requirements shall be clearly identified in the reports.
7. In accordance with the provisions of 401 KAR 50:055, Section 1, the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
 - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.
8. The permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken shall be submitted to the Regional Office listed on the front of this permit. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement does not identify a specific time frame for reporting deviations, prompt reporting, as required by Sections 1b-V, 3 and 4 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26 shall be defined as follows:
 - a. For emissions of a hazardous air pollutant or a toxic air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
 - b. For emissions of any regulated air pollutant, excluding those listed in F.8.a., that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
 - c. All deviations from permit requirements, including those previously reported, shall be included in the semiannual report required by F.6.
9. Pursuant to 401 KAR 52:030, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit in accordance with the following requirements:
 - a. Identification of each term or condition;
 - b. Compliance status of each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

- e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.
 - f. The certification shall be submitted by January 30th of each year. Annual compliance certifications shall be sent to the Division for Air Quality, Florence Regional Office, 8020 Veterans Memorial Dr. Suite 110, Florence, KY 41042.
10. In accordance with 401KAR 52:030, Section 3(1)(d), the permittee shall provide the Division with all information necessary to determine its subject emissions within 30 days of the date the Kentucky Emissions Inventory System (KYEIS) emissions survey is mailed to the permittee. If a KYEIS emissions survey is not mailed to the permittee, then the permittee shall comply with all other emissions reporting requirements in this permit.
11. The Cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:
- a. The owner or operator shall submit to the Cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:
 - (1) The size and location of both the original and replacement units; and
 - (2) Any resulting change in emissions;
 - b. The potential to emit (PTE) of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;
 - c. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;
 - d. The replacement unit shall comply with all applicable requirements; and
 - e. The source shall notify Regional office of all shutdowns and start-ups.
 - f. Within six (6) months after installing the replacement unit, the owner or operator shall:
 - (1) Re-install the original unit and remove or dismantle the replacement unit; or
 - (2) Submit an application to permit the replacement unit as a permanent change.

SECTION G - GENERAL PROVISIONS1. General Compliance Requirements

- a. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030, Section 3(1)(b), and a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to the termination, revocation and reissuance, revision, or denial of a permit [Section 1a-2 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- b. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a-5 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- c. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:030, Section 18. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - (1) If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:030, Section 12;
 - (2) The Cabinet or the United States Environmental Protection Agency (U. S. EPA) determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - (3) The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.
- d. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the conditions of this permit [Sections 1a- 6 and 7 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- e. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:030, Section 3(1)(c)].

SECTION G - GENERAL PROVISIONS (CONTINUED)

- f. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:030, Section 7(1)].
- g. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a-11 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- h. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a-3 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- i. All emission limitations and standards contained in this permit shall be enforceable as a practical matter. All emission limitations and standards contained in this permit are enforceable by the U.S. EPA and citizens except for those specifically identified in this permit as state-origin requirements. [Section 1a-12 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- j. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6) [Section 1a-9 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- k. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:030, Section 11(3)].
- l. This permit does not convey property rights or exclusive privileges [Section 1a-8 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- m. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Cabinet or any other federal, state, or local agency.
- n. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.
- o. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.

SECTION G - GENERAL PROVISIONS (CONTINUED)

- p. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic Minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.
- q. Pursuant to 401 KAR 52:030, Section 11, a permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
 - (1) Applicable requirements that are included and specifically identified in this permit; and
 - (2) Non-applicable requirements expressly identified in this permit.

2. Permit Expiration and Reapplication Requirements

- a. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six (6) months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:030, Section 12].
- b. The authority to operate granted through this permit shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:030, Section 8(2)].

3. Permit Revisions

- a. Minor permit revision procedures specified in 401 KAR 52:030, Section 14(3), may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the State Implementation Plan (SIP) or in applicable requirements and meet the relevant requirements of 401 KAR 52:030, Section 14(2).
- b. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

4. Construction, Start-Up, and Initial Compliance Demonstration Requirements

No construction authorized by this permit (F-20-010).

SECTION G - GENERAL PROVISIONS (CONTINUED)**5. Testing Requirements**

- a. Pursuant to 401 KAR 50:045, Section 2, a source required to conduct a performance test shall submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR 50:045, Section 7, the Division shall be notified of the actual test date at least Thirty (30) days prior to the test.
- b. Pursuant to 401 KAR 50:045, Section 5, in order to demonstrate that a source is capable of complying with a standard at all times, any required performance test shall be conducted under normal conditions that are representative of the source's operations and create the highest rate of emissions. If [When] the maximum production rate represents a source's highest emissions rate and a performance test is conducted at less than the maximum production rate, a source shall be limited to a production rate of no greater than 110 percent of the average production rate during the performance tests. If and when the facility is capable of operation at the rate specified in the application, the source may retest to demonstrate compliance at the new production rate. The Division for Air Quality may waive these requirements on a case-by-case basis if the source demonstrates to the Division's satisfaction that the source is in compliance with all applicable requirements.
- c. Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or sooner if required by an applicable standard, after the completion of the fieldwork.

6. Acid Rain Program Requirements

If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

7. Emergency Provisions

- a. Pursuant to 401 KAR 52:030, Section 23(1), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
 - (1) An emergency occurred and the permittee can identify the cause of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
 - (4) The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to an emergency. The notice shall include a

SECTION G - GENERAL PROVISIONS (CONTINUED)

description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.

(5) Notification of the Division does not relieve the source of any other local, state or federal notification requirements.

b. Emergency conditions listed in General Provision G.7.a above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:030, Section 23(3)].

c. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:030, Section 23(2)].

8. Ozone depleting substances

a. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

(1) Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.

(2) Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.

(3) Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(4) Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.

(5) Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.

(6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

c. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

9. Risk Management Provisions

a. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to U.S. EPA using the RMP* eSubmit software.

b. If requested, submit additional relevant information to the Division or the U.S. EPA.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None