

Facility ID: 0302020314 Issuance type: Title V Final Permit

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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## Part II - Specific Facility Terms and Conditions

### a State and Federally Enforceable Section

1. None

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### b State Only Enforceable Section

1. The following insignificant emissions unit is located at this facility:

natural gas-fired air make-up unit (emissions unit Z001);  
limousine/hearse service booth (emissions unit Z002);  
limousine/hearse service booth (emissions unit Z003);  
final work off area (emissions unit Z004);  
hearse paint prep area (emissions unit Z005);  
hearse new prep pad station, wet sand (emissions unit Z006);  
limousine/hearse door assembly (emissions unit Z007);  
welding and metal machine operations (emissions unit Z008);  
solvent recovery unit (emissions unit Z009)

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitation and/or control requirements contained within a Permit to Install for the emissions unit.

2. Air Toxic Monitoring and Record Keeping Requirements:

Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install # 03-3208 issued on October 14, 1999: Specific Facility Terms and Conditions B.3, B.4 and B.5. The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the Specific Facility Terms and Conditions of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

3. The permit to install for emissions units (K001-K013, P001-P004, and R001-R012) was evaluated based on the actual materials (coatings, autobody finishing, gluing and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by these emissions units using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant for the combined emissions of K001-K013, P001-P004 and R001-R012:

Pollutant: styrene

TLV (mg/m3): 85

Maximum Hourly Emission Rate (lbs/hr): 29.66

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 451.6

MAGLC (ug/m3): 2,023

4. Physical changes to or changes in the method of operation of the emissions units after installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee

determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (coatings, autobody finishing, gluing or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;
- b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions units or exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

5. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit(s) will still satisfy the "Air Toxic Policy":
  - a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
  - b. documentation of its evaluation and determination that the changed emissions unit(s) still satisfies the "Air Toxic Policy"; and
  - c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

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**Part III - Terms and Conditions for Emissions Units**

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Facility ID: 0302020314 Emissions Unit ID: K001 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                           | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| main paint booth (limo line), with dry filtration system (booth No. 15) | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day  |
|   | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr   |
|   | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.   |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the coatings usage:<br><br>59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit<br><br>25 tons OC/yr, for emissions units K001 thru K013, |

combined

from the cleanup materials usage:

2 tons OC/month, for this emissions unit

17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined

The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e).

**2. Additional Terms and Conditions**

- (a) None

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**II. Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the volume, in gallons, of each coating employed; and
  - c. the total volume, in gallons, of all the coatings employed.
2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.
3. The permittee shall calculate and record the following information each day for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the OC content of each coating employed, in pounds/gallon;
  - c. the number of gallons of each coating employed;
  - d. the total emissions of OC for each coating employed (b x c), in pounds; and
  - e. the total emissions of OC for all the coatings employed (summation of d for all coatings), in pounds.
4. The permittee shall calculate and record each month the total emissions of OC for all the coatings employed [summation of the daily OC emission rates, from section A.III.3.e, for the calendar month, divided by 2000], in tons, for this emissions unit.
5. The permittee shall calculate and record the following information each month for this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the OC content of each cleanup material employed, in pounds/gallon;
  - c. the number of gallons of each cleanup material employed;
  - d. the total emissions of OC for each cleanup material employed (b x c), in pounds;
  - e. the total emissions of OC for all the cleanup materials employed (summation of d for all cleanup materials), in tons; and
  - f. documentation on whether or not each cleanup material employed is a photochemically reactive material.
6. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
  - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.6.a for each calendar month to date from January to December), in tons.
7. The permittee shall calculate and record the following information each month for emissions units P001

through P004, K001 through K013, and R001 through R012, combined:

- a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
- b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.7.a for each calendar month to date from January to December), in tons.

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#### IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.
2. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
3. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) of any daily record showing that the coating line employed more than the applicable maximum daily coating usage restriction of 10 gallons. A copy of such record shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.
5. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Coatings Usage Restriction:
 

Coating usage shall not exceed 10 gallons per day

Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the coatings usage restriction above.
  - b. Emission Limitation:
 

0.551 lb PE/hr

Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:

$$E = \text{PE rate (lbs/hr)}$$

$$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$

where:

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 90%)

If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).

- c. Emission Limitation:  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  
  
Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).
  - d. Emission Limitation:  
59.2 lbs OC/day, from the coatings usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.3 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
  - e. Emission Limitation:  
10.8 tons OC/yr, from the coatings usage  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
  - f. Emission Limitation:  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3, 4 and 6 of this permit.
  - g. Emission Limitation:  
2 tons OC/month, from the cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.5 of this permit.
  - h. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.5 and 7 of this permit.
2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

- 1. None

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**Facility ID: 0302020314 Emissions Unit ID: K001 Issuance type: Title V Final Permit**

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0302020314 Emissions Unit ID: K002 Issuance type: Title V Final Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                       | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
| funeral coach prime booth, with dry filtration system (booth No. 8) | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day        |
|   | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions                           |

OAC rule 3745-17-07(A) (PE)/hr  
 Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.

OAC rule 3745-31-05 (PTI #03-3208)  
 from the coatings usage:  
 59.2 lbs organic compounds (OC)/day, for this emissions unit  
 10.8 tons OC/yr, for this emissions unit  
 25 tons OC/yr, for emissions units K001 thru K013, combined  
 from the cleanup materials usage:  
 2 tons OC/month, for this emissions unit  
 17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
 The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e).

2. **Additional Terms and Conditions**

(a) None

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II. **Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the volume, in gallons, of each coating employed; and
  - c. the total volume, in gallons, of all the coatings employed.
2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.
3. The permittee shall calculate and record the following information each day for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the OC content of each coating employed, in pounds/gallon;
  - c. the number of gallons of each coating employed;
  - d. the total emissions of OC for each coating employed (b x c), in pounds; and
  - e. the total emissions of OC for all the coatings employed (summation of d for all coatings), in pounds.
4. The permittee shall calculate and record each month the total emissions of OC for all the coatings employed [summation of the daily OC emission rates, from section A.III.3.e, for the calendar month, divided by 2000], in tons, for this emissions unit.
5. The permittee shall calculate and record the following information each month for this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the OC content of each cleanup material employed, in pounds/gallon;
  - c. the number of gallons of each cleanup material employed;
  - d. the total emissions of OC for each cleanup material employed (b x c), in pounds;
  - e. the total emissions of OC for all the cleanup materials employed (summation of d for all cleanup materials), in tons; and

- f. documentation on whether or not each cleanup material employed is a photochemically reactive material.
6. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
- the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.6.a for each calendar month to date from January to December), in tons.
7. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
- the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.7.a for each calendar month to date from January to December), in tons.

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**IV. Reporting Requirements**

- The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.
- The permittee shall submit annual reports that summarize the following:
  - the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
- The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
- The permittee shall notify the Director (the Ohio EPA, Northwest District Office) of any daily record showing that the coating line employed more than the applicable maximum daily coating usage restriction of 10 gallons. A copy of such record shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.
- The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.

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**V. Testing Requirements**

- Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - Coatings Usage Restriction:  
Coating usage shall not exceed 10 gallons per day  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the coatings usage restriction above.
  - Emission Limitation:  
0.551 lb PE/hr  
  
Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:  
  
$$E = \text{PE rate (lbs/hr)}$$

$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1-TE) \times (1-CE)$

where:

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 90%)

If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).

- c. Emission Limitation:  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
- Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).
- d. Emission Limitation:  
59.2 lbs OC/day, from the coatings usage
- Applicable Compliance Method:  
The record keeping requirements in Section A.III.3 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
- e. Emission Limitation:  
10.8 tons OC/yr, from the coatings usage
- Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
- f. Emission Limitation:  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined
- Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3, 4 and 6 of this permit.
- g. Emission Limitation:  
2 tons OC/month, from the cleanup materials usage
- Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.5 of this permit.
- h. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined
- Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.5 and 7 of this permit.
2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K002 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

**2. Additional Terms and Conditions**

1. None

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**II. Operational Restrictions**

1. None

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**III. Monitoring and/or Record Keeping Requirements**

1. None

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**IV. Reporting Requirements**

1. None

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**V. Testing Requirements**

1. None

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**VI. Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K003 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>  |
|---|--------------------------------------|---|
| limo prime booth, with dry filtration system  | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day   |
|   | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr  |
|   | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the coatings usage:<br><br>59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit<br><br>25 tons OC/yr, for emissions units K001 thru K013, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e). |

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the volume, in gallons, of each coating employed; and
  - c. the total volume, in gallons, of all the coatings employed.
2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.
3. The permittee shall calculate and record the following information each day for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the OC content of each coating employed, in pounds/gallon;
  - c. the number of gallons of each coating employed;
  - d. the total emissions of OC for each coating employed (b x c), in pounds; and
  - e. the total emissions of OC for all the coatings employed (summation of d for all coatings), in pounds.
4. The permittee shall calculate and record each month the total emissions of OC for all the coatings employed [summation of the daily OC emission rates, from section A.III.3.e, for the calendar month, divided by 2000], in tons, for this emissions unit.
5. The permittee shall calculate and record the following information each month for this emissions unit:

- a. the name and identification number of each cleanup material employed;
  - b. the OC content of each cleanup material employed, in pounds/gallon;
  - c. the number of gallons of each cleanup material employed;
  - d. the total emissions of OC for each cleanup material employed (b x c), in pounds;
  - e. the total emissions of OC for all the cleanup materials employed (summation of d for all cleanup materials), in tons; and
  - f. documentation on whether or not each cleanup material employed is a photochemically reactive material.
6. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
- a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.6.a for each calendar month to date from January to December), in tons.
7. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
- a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.7.a for each calendar month to date from January to December), in tons.

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#### IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.
2. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
3. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) of any daily record showing that the coating line employed more than the applicable maximum daily coating usage restriction of 10 gallons. A copy of such record shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.
5. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Coatings Usage Restriction:
    - Coating usage shall not exceed 10 gallons per day

Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance

with the coatings usage restriction above.

- b. Emission Limitation:  
0.551 lb PE/hr

Applicable Compliance Method:

To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:

$$E = \text{PE rate (lbs/hr)}$$

$$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$

where:

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 90%)

If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).

- c. Emission Limitation:  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).

- d. Emission Limitation:  
59.2 lbs OC/day, from the coatings usage

Applicable Compliance Method:

The record keeping requirements in Section A.III.3 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.

- e. Emission Limitation:  
10.8 tons OC/yr, from the coatings usage

Applicable Compliance Method:

The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.

- f. Emission Limitation:  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined

Applicable Compliance Method:

The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3, 4 and 6 of this permit.

- g. Emission Limitation:  
2 tons OC/month, from the cleanup materials usage

Applicable Compliance Method:

Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.5 of this permit.

- h. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined

Applicable Compliance Method:

Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.5 and 7 of this permit.

2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K003 Issuance type: Title V Final Permit

#### B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

#### I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

#### 2. Additional Terms and Conditions

1. None

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#### II. Operational Restrictions

1. None

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#### III. Monitoring and/or Record Keeping Requirements

1. None

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#### IV. Reporting Requirements

1. None

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#### V. Testing Requirements

1. None

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#### VI. Miscellaneous Requirements

1. None

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Facility ID: 0302020314 Emissions Unit ID: K004 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                             | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>  |
|---|--------------------------------------|---|
| funeral coach main paint booth, with dry filtration system (booth No. 13) | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day   |
|   | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr  |
|   | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule. from the coatings usage:   |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | 59.2 lbs organic compounds (OC)/day, for this emissions unit<br>10.8 tons OC/yr, for this emissions unit<br>25 tons OC/yr, for emissions units K001 thru K013, combined<br>from the cleanup materials usage:<br>2 tons OC/month, for this emissions unit<br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e). |

**2. Additional Terms and Conditions**

- (a) None

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**II. Operational Restrictions**

- 1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
- 2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

- 1. The permittee shall collect and record the following information each day for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the volume, in gallons, of each coating employed; and
  - c. the total volume, in gallons, of all the coatings employed.
- 2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.
- 3. The permittee shall calculate and record the following information each day for this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the OC content of each coating employed, in pounds/gallon;

- c. the number of gallons of each coating employed;
  - d. the total emissions of OC for each coating employed (b x c), in pounds; and
  - e. the total emissions of OC for all the coatings employed (summation of d for all coatings), in pounds.
4. The permittee shall calculate and record each month the total emissions of OC for all the coatings employed [summation of the daily OC emission rates, from section A.III.3.e, for the calendar month, divided by 2000], in tons, for this emissions unit.
  5. The permittee shall calculate and record the following information each month for this emissions unit:
    - a. the name and identification number of each cleanup material employed;
    - b. the OC content of each cleanup material employed, in pounds/gallon;
    - c. the number of gallons of each cleanup material employed;
    - d. the total emissions of OC for each cleanup material employed (b x c), in pounds;
    - e. the total emissions of OC for all the cleanup materials employed (summation of d for all cleanup materials), in tons; and
    - f. documentation on whether or not each cleanup material employed is a photochemically reactive material.
  6. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
    - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
    - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.6.a for each calendar month to date from January to December), in tons.
  7. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
    - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
    - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.7.a for each calendar month to date from January to December), in tons.

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#### IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.
2. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
3. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) of any daily record showing that the coating line employed more than the applicable maximum daily coating usage restriction of 10 gallons. A copy of such record shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.
5. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. **Coatings Usage Restriction:**  
Coating usage shall not exceed 10 gallons per day  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the coatings usage restriction above.
  - b. **Emission Limitation:**  
0.551 lb PE/hr  
  
Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:  
  
$$E = \text{PE rate (lbs/hr)}$$
  
$$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$
  
where:  
  
TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)  
  
CE = control efficiency of the control equipment (assumed to be 90%)  
  
If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).
  - c. **Emission Limitation:**  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  
  
Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).
  - d. **Emission Limitation:**  
59.2 lbs OC/day, from the coatings usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.3 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
  - e. **Emission Limitation:**  
10.8 tons OC/yr, from the coatings usage  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
  - f. **Emission Limitation:**  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3, 4 and 6 of this permit.
  - g. **Emission Limitation:**  
2 tons OC/month, from the cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.5 of this permit.
  - h. **Emission Limitation:**  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.5 and 7 of this permit.

2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K004 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K005 Issuance type: Title V Final Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>   | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| small parts paint booth, with dry filtration system (booth No. 22)  | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day (see A.I.2.a).   |
|   | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr   |
|   | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule. from the coatings usage:  |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | 59.2 lbs organic compounds (OC)/day, for this emissions unit<br>10.8 tons OC/yr, for this emissions unit<br>25 tons OC/yr, for emissions units K001 thru K013, combined<br>from the cleanup materials usage:<br>2 tons OC/month, for this emissions unit<br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |
| The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e). |                                      |  |

2. Additional Terms and Conditions

- a. The gallon/day coating usage restriction for this emissions unit cannot be exceeded since its potential to emit is less than 10 gallons/day. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this usage restriction.

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II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operations associated with this emissions unit:

- a. the name and identification number of each coating employed;
  - b. the number of limousines produced;
  - c. the number of hearses produced; and
  - d. the total OC emissions for all the coatings employed  $[(1.b \times EF1^*) + (1.c \times EF2^*)]$ , in pounds.

\*The following emission factors were supplied by the permittee and were developed based on the permittee's purchase records:

EF1 ( for limousines) = 1.63 pounds OC/vehicle produced  
EF2 (for hearses) = 1.63 pounds OC/vehicle produced
2. The permittee shall collect and record each month the total OC emissions for all the coatings employed (summation of the daily OC emission rates, from section A.III.1.d, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of limousines produced;
  - c. the number of hearses produced;
  - d. the total OC emissions for all the cleanup materials employed  $[(3.b \times EFa^*) + (3.c \times EFb^*)]$ , in pounds; and
  - e. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factors were supplied by the permittee and were developed based on the permittee's purchase records:

EFa ( for limousines) = 4.04 pounds OC/vehicle produced  
EFb (for hearses) = 4.04 pounds OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
  - the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December), in tons.
6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
- a. **Coatings Usage Restriction:**  
Coating usage shall not exceed 10 gallons per day
- Applicable Compliance Method:  
Compliance with the gallon usage restriction shall be assumed since the emissions units maximum usage rate is less than 10 gallons/day.
- b. **Emission Limitation:**  
0.551 lb PE/hr
- Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:
- $$E = \text{PE rate (lbs/hr)}$$
- $$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$
- where:
- TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)
- CE = control efficiency of the control equipment (assumed to be 90%)
- If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).
- c. **Emission Limitation:**  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
- Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).
- d. **Emission Limitation:**  
59.2 lbs OC/day, from the coatings usage
- Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
- e. **Emission Limitation:**  
10.8 tons OC/yr, from the coatings usage
- Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
- f. **Emission Limitation:**  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined
- Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
- g. **Emission Limitation:**  
2 tons OC/month, from the cleanup materials usage
- Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.

- h. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined

Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: K005 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K006 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                        | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>  |
|--|--------------------------------------|---|
| fleetwood main paint booth, with dry filtration system (booth No. 1) | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day (see A.1.2.a).  |
|  | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr  |
|  | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  |
|  | OAC rule 3745-31-05 (PTI #03-3208)   | from the coatings usage:<br><br>59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit<br><br>25 tons OC/yr, for emissions units K001 thru K013, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e). |

**2. Additional Terms and Conditions**

- a. The gallon/day coating usage restriction for this emissions unit cannot be exceeded since its potential to emit is less than 10 gallons/day. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this usage restriction.

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**II. Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for the coating operations associated with this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the number of vans produced; and
  - c. the total OC emissions for all the coatings employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for vans) = 5.27 pounds OC/vehicle produced
2. The permittee shall collect and record each month the total OC emissions for all the coatings employed (summation of the daily OC emission rates, from section A.III.1.c, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of vans produced; and
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for vans) = 0.88 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
  - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.
6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
- a. **Coatings Usage Restriction:**  
Coating usage shall not exceed 10 gallons per day
- Applicable Compliance Method:  
Compliance with the gallon usage restriction shall be assumed since the emissions units maximum usage rate is less than 10 gallons/day.
- b. **Emission Limitation:**  
0.551 lb PE/hr
- Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:
- $$E = \text{PE rate (lbs/hr)}$$
- $$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$
- where:
- TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)
- CE = control efficiency of the control equipment (assumed to be 90%)
- If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).
- c. **Emission Limitation:**  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
- Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).
- d. **Emission Limitation:**  
59.2 lbs OC/day, from the coatings usage
- Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
- e. **Emission Limitation:**  
10.8 tons OC/yr, from the coatings usage
- Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
- f. **Emission Limitation:**  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined
- Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
- g. **Emission Limitation:**  
2 tons OC/month, from the cleanup materials usage
- Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.

- h. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined

Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: K006 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K007 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                        | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>  |
|--|--------------------------------------|---|
| fleetwood main paint booth, with dry filtration system (booth No. 3) | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day (see A.1.2.a).  |
|  | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr  |
|  | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  |
|  | OAC rule 3745-31-05 (PTI #03-3208)   | from the coatings usage:<br><br>59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit<br><br>25 tons OC/yr, for emissions units K001 thru K013, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e). |

**2. Additional Terms and Conditions**

- a. The gallon/day coating usage restriction for this emissions unit cannot be exceeded since its potential to emit is less than 10 gallons/day. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this usage restriction.

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**II. Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for the coating operations associated with this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the number of vans produced; and
  - c. the total OC emissions for all the coatings employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for vans) = 5.27 pounds OC/vehicle produced
2. The permittee shall collect and record each month the total OC emissions for all the coatings employed (summation of the daily OC emission rates, form section A.III.1.c, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of vans produced; and
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for vans) = 0.88 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
  - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.
6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
- a. **Coatings Usage Restriction:**  
Coating usage shall not exceed 10 gallons per day
- Applicable Compliance Method:  
Compliance with the gallon usage restriction shall be assumed since the emissions units maximum usage rate is less than 10 gallons/day.
- b. **Emission Limitation:**  
0.551 lb PE/hr
- Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:
- $$E = \text{PE rate (lbs/hr)}$$
- $$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$
- where:
- TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)
- CE = control efficiency of the control equipment (assumed to be 90%)
- If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).
- c. **Emission Limitation:**  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
- Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).
- d. **Emission Limitation:**  
59.2 lbs OC/day, from the coatings usage
- Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
- e. **Emission Limitation:**  
10.8 tons OC/yr, from the coatings usage
- Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
- f. **Emission Limitation:**  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined
- Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
- g. **Emission Limitation:**  
2 tons OC/month, from the cleanup materials usage
- Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.

- h. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined

Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: K007 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K008 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>               | <u>Applicable Rules/Requirements</u>  | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|---------------------------------------|--|
| limo line prep pad final touch-up station<br>(booth No. 16) | OAC rule 3745-17-08                   | none (See A.I.2.b.)  |
|   | OAC rule 3745-17-07(B)                | none (See A.I.2.c.)  |
|   | OAC rule 3745-31-05<br>(PTI #03-3208) | from the coatings usage:<br><br>59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit   |
|   |                                       | 25 tons OC/yr, for emissions units K001 thru K013, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |
|   | OAC rule 3745-21-09(U)(2)(e)          | The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e).<br><br>coating usage shall not exceed 10 gallons per day (see A.I.2.a).                                      |

**2. Additional Terms and Conditions**

- a. The gallon/day coating usage restriction for this emissions unit cannot be exceeded since its potential to emit is less than 10 gallons/day. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this usage restriction.
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

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**II. Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive

material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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### III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operations associated with this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the number of limousines produced; and
  - c. the total OC emissions for all the coatings employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for limousines) = 5.27 pounds OC/vehicle produced
2. The permittee shall collect and record each month the total OC emissions for all the coatings employed (summation of the daily OC emission rates, form section A.III.1.c, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of limousines produced; and
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for limousines) = 0.88 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
  - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004,

R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. **Coatings Usage Restriction:**  
Coating usage shall not exceed 10 gallons per day  
  
Applicable Compliance Method:  
Compliance with the gallon usage restriction shall be assumed since the emissions units maximum usage rate is less than 10 gallons/day.
  - b. **Emission Limitation:**  
59.2 lbs OC/day, from the coatings usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
  - c. **Emission Limitation:**  
10.8 tons OC/yr, from the coatings usage  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
  - d. **Emission Limitation:**  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
  - e. **Emission Limitation:**  
2 tons OC/month, from the cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - f. **Emission Limitation:**  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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VI. **Miscellaneous Requirements**

1. None

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**Facility ID: 0302020314 Emissions Unit ID: K008 Issuance type: Title V Final Permit**

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

**2. Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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**Facility ID: 0302020314 Emissions Unit ID: K009 Issuance type: Title V Final Permit**

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                                | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>  |
|--|--------------------------------------|---|
| main paint booth (specialty line), with dry filtration system (booth No. 25) | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day (see A.I.2.a).  |
|  | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr  |
|  | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  |
|  | OAC rule 3745-31-05 (PTI #03-3208)   | from the coatings usage:<br><br>59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit<br><br>25 tons OC/yr, for emissions units K001 thru K013, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e). |

2. **Additional Terms and Conditions**

- a. The gallon/day coating usage restriction for this emissions unit cannot be exceeded since its potential to emit is less than 10 gallons/day. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this usage restriction.

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II. **Operational Restrictions**

- 1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
- 2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

- 1. The permittee shall collect and record the following information each day for the coating operations associated with this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the number of limousines produced;
  - c. the number of hearses produced; and
  - d. the total OC emissions for all the coatings employed  $[(1.b \times EF1^*) + (1.c \times EF2^*)]$ , in pounds.

\*The following emission factors were supplied by the permittee and were developed based on the permittee's purchase records:  
 EF1 ( for limousines) = 1 pound OC/vehicle produced  
 EF2 (for hearses) = 1 pound OC/vehicle produced
- 2. The permittee shall collect and record each month the total OC emissions for all the coatings employed (summation of the daily OC emission rates, from section A.III.1.d, for the calendar month, divided by 2,000), in tons, for this emissions unit.
- 3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of limousines produced;
  - c. the number of hearses produced;

- d. the total OC emissions for all the cleanup materials employed [(3.b x EFa\*)+ (3.c x EFb\*)], in pounds; and
- e. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factors were supplied by the permittee and were developed based on the permittee's purchase records:

EFa ( for limousines) = 0.88 pound OC/vehicle produced  
 EFb (for hearses) = 0.88 pound OC/vehicle produced

4. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
  - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December), in tons.
6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Coatings Usage Restriction:
 

Coating usage shall not exceed 10 gallons per day

Applicable Compliance Method:  
 Compliance with the gallon usage restriction shall be assumed since the emissions units maximum usage rate is less than 10 gallons/day.
  - b. Emission Limitation:
 

0.551 lb PE/hr

**Applicable Compliance Method:**

To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:

$$E = \text{PE rate (lbs/hr)}$$

$$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$

where:

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 90%)

If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).

c. **Emission Limitation:**

Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.

**Applicable Compliance Method:**

If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).

d. **Emission Limitation:**

59.2 lbs OC/day, from the coatings usage

**Applicable Compliance Method:**

The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.

e. **Emission Limitation:**

10.8 tons OC/yr, from the coatings usage

**Applicable Compliance Method:**

The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.

f. **Emission Limitation:**

25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined

**Applicable Compliance Method:**

The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.

g. **Emission Limitation:**

2 tons OC/month, from the cleanup materials usage

**Applicable Compliance Method:**

Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.

h. **Emission Limitation:**

17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined

**Applicable Compliance Method:**

Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K009 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

**2. Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: K010 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                         | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| service department station, with dry filtration system (booth No. 21) | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day (see A.I.2.a).   |
|   | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr   |
|   | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.   |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the coatings usage:<br><br>59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit<br><br>25 tons OC/yr, for emissions units K001 thru K013, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |
|   |                                      | The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e).  |

**2. Additional Terms and Conditions**

- a. The gallon/day coating usage restriction for this emissions unit cannot be exceeded since its potential to emit is less than 10 gallons/day. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this usage restriction.

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**II. Operational Restrictions**

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for the coating operations associated with this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the number of limousines produced; and
  - c. the total OC emissions for all the coatings employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:  
EF1 ( for limousines) = 1.25 pounds OC/vehicle produced
2. The permittee shall collect and record each month the total OC emissions for all the coatings employed (summation of the daily OC emission rates, form section A.III.1.c, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;

- b. the number of limousines produced; and
    - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
    - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.
- \*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:
- EFa ( for limousines) = 1.64 pounds OC/vehicle produced
- 4. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
    - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
    - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
  - 5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
    - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
    - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.
  - 6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

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#### IV. Reporting Requirements

- 1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
- 2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
- 3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
- 4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

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#### V. Testing Requirements

- 1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Coatings Usage Restriction:
    - Coating usage shall not exceed 10 gallons per day
    - Applicable Compliance Method:
      - Compliance with the gallon usage restriction shall be assumed since the emissions units maximum usage rate is less than 10 gallons/day.
  - b. Emission Limitation:
    - 0.551 lb PE/hr

**Applicable Compliance Method:**

To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:

$$E = \text{PE rate (lbs/hr)}$$

$$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$

where:

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 90%)

If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).

- c. **Emission Limitation:**  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
- Applicable Compliance Method:**  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).
- d. **Emission Limitation:**  
59.2 lbs OC/day, from the coatings usage
- Applicable Compliance Method:**  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
- e. **Emission Limitation:**  
10.8 tons OC/yr, from the coatings usage
- Applicable Compliance Method:**  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
- f. **Emission Limitation:**  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined
- Applicable Compliance Method:**  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
- g. **Emission Limitation:**  
2 tons OC/month, from the cleanup materials usage
- Applicable Compliance Method:**  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
- h. **Emission Limitation:**  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined
- Applicable Compliance Method:**  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K010 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

**2. Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: K011 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>   | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| service department - prep pad station, with dry filtration system (booth No. 20)  | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day (see A.1.2.a).   |
|   | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr   |
|   | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule. from the coatings usage:  |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | 59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit<br><br>25 tons OC/yr, for emissions units K001 thru K013, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |
| The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e). |                                      |  |

**2. Additional Terms and Conditions**

- a. The gallon/day coating usage restriction for this emissions unit cannot be exceeded since its potential to emit is less than 10 gallons/day. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this usage restriction.

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**II. Operational Restrictions**

- 1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
- 2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

- 1. The permittee shall collect and record the following information each day for the coating operations associated with this emissions unit:
  - a. the name and identification number of each coating employed;
  - b. the number of limousines produced;
  - c. the number of hearses produced; and
  - d. the total OC emissions for all the coatings employed  $[(1.b \times EF1^*) + (1.c \times EF2^*)]$ , in pounds.

\*The following emission factors were supplied by the permittee and were developed based on the permittee's purchase records:  
  
EF1 ( for limousines ) = 5.27 pounds OC/vehicle produced  
EF2 ( for hearses ) = 5.27 pounds OC/vehicle produced
- 2. The permittee shall collect and record each month the total OC emissions for all the coatings employed (summation of the daily OC emission rates, from section A.III.1.d, for the calendar month, divided by 2,000),

in tons, for this emissions unit.

3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of limousines produced;
  - c. the number of hearses produced;
  - d. the total OC emissions for all the cleanup materials employed [(3.b x EFa\*)+ (3.c x EFb\*)], in pounds; and
  - e. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factors were supplied by the permittee and were developed based on the permittee's purchase records:

EFa ( for limousines) = 0.88 pound OC/vehicle produced  
 EFb (for hearses) = 0.88 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
  - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December), in tons.
6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- a. Coatings Usage Restriction:  
Coating usage shall not exceed 10 gallons per day
- Applicable Compliance Method:  
Compliance with the gallon usage restriction shall be assumed since the emissions units maximum usage rate is less than 10 gallons/day.
- b. Emission Limitation:  
0.551 lb PE/hr
- Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:
- $$E = \text{PE rate (lbs/hr)}$$
- $$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$
- where:
- TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)
- CE = control efficiency of the control equipment (assumed to be 90%)
- If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).
- c. Emission Limitation:  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
- Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).
- d. Emission Limitation:  
59.2 lbs OC/day, from the coatings usage
- Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
- e. Emission Limitation:  
10.8 tons OC/yr, from the coatings usage
- Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
- f. Emission Limitation:  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined
- Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
- g. Emission Limitation:  
2 tons OC/month, from the cleanup materials usage
- Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
- h. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined
- Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: K011 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: K012 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>   | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| limo line prep pad final touch-up station (booth No. 16)  | OAC rule 3745-17-08                  | none (See A.I.2.b.)  |
| service department - metal finish station (booth No. 19)  | OAC rule 3745-17-07(B)               | none (See A.I.2.c.)  |
|   | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day (see A.I.2.a).   |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the coatings usage:<br><br>59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit<br><br>25 tons OC/yr, for emissions units K001 thru K013, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |
| The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e). |                                      |  |

**2. Additional Terms and Conditions**

- a. The gallon/day coating usage restriction for this emissions unit cannot be exceeded since its potential to emit is less than 10 gallons/day. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this usage restriction.
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

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**II. Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for the coating operations associated with this emissions unit:

- a. the name and identification number of each coating employed;
  - b. the number of limousines produced;
  - c. the number of hearses produced; and
  - d. the total OC emissions for all the coatings employed  $[(1.b \times EF1^*) + (1.c \times EF2^*)]$ , in pounds.

\*The following emission factors were supplied by the permittee and were developed based on the permittee's purchase records:

EF1 ( for limousines) = 1 pound OC/vehicle produced  
EF2 (for hearses) = 1 pound OC/vehicle produced
2. The permittee shall collect and record each month the total OC emissions for all the coatings employed (summation of the daily OC emission rates, form section A.III.1.d, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of limousines produced;
  - c. the number of hearses produced;
  - d. the total OC emissions for all the cleanup materials employed  $[(3.b \times EFa^*) + (3.c \times EFb^*)]$ , in pounds; and
  - e. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factors were supplied by the permittee and were developed based on the permittee's purchase records:

EFa ( for limousines) = 0.88 pound OC/vehicle produced  
EFb (for hearses) = 0.88 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
  - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December), in tons.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. **Coatings Usage Restriction:**  
Coating usage shall not exceed 10 gallons per day  
  
Applicable Compliance Method:  
Compliance with the gallon usage restriction shall be assumed since the emissions units maximum usage rate is less than 10 gallons/day.
  - b. **Emission Limitation:**  
59.2 lbs OC/day, from the coatings usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
  - c. **Emission Limitation:**  
10.8 tons OC/yr, from the coatings usage  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
  - d. **Emission Limitation:**  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
  - e. **Emission Limitation:**  
2 tons OC/month, from the cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - f. **Emission Limitation:**  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: K012 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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**Facility ID: 0302020314 Emissions Unit ID: K013 Issuance type: Title V Final Permit**

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                            | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|--|--------------------------------------|--|
| prep pad work station, with dry filtration system (booth Nos. 10 and 13) | OAC rule 3745-21-09(U)(2)(e)         | coating usage shall not exceed 10 gallons per day (see A.1.2.a).   |
|  | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr   |
|  | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.   |
|  | OAC rule 3745-31-05 (PTI #03-3208)   | from the coatings usage:<br><br>59.2 lbs organic compounds (OC)/day, for this emissions unit<br><br>10.8 tons OC/yr, for this emissions unit<br><br>25 tons OC/yr, for emissions units K001 thru K013, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |
|  |                                      | The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(1), 3745-17-07(A) and 3745-21-09(U)(2)(e).  |

2. **Additional Terms and Conditions**

- a. The gallon/day coating usage restriction for this emissions unit cannot be exceeded since its potential to emit is less than 10 gallons/day. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this usage restriction.

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II. **Operational Restrictions**

- The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
- The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

- The permittee shall collect and record the following information each day for the coating operations associated with this emissions unit:
  - the name and identification number of each coating employed;
  - the number of hearses produced; and
  - the total OC emissions for all the coatings employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:  
EF1 ( for hearses) = 1 pound OC/vehicle produced
- The permittee shall collect and record each month the total OC emissions for all the coatings employed (summation of the daily OC emission rates, form section A.III.1.c, for the calendar month, divided by 2,000), in tons, for this emissions unit.
- The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
  - the name and identification number of each cleanup material employed;
  - the number of hearses produced; and
  - the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

- E<sub>Fa</sub> ( for hearses) = 0.45 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units K001 through K013, combined:
    - a. the total OC emissions for all the coatings employed (summation of A.III.4 for K001 through K004 + summation of A.III.2 for K005 through K013), in tons; and
    - b. the annual, year-to-date, OC emission rate for all the coatings employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
  5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
    - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
    - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.
  6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 59.2 pounds (from the coatings usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the coatings usage, for emissions units K001 thru K013, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Coatings Usage Restriction:
 

Coating usage shall not exceed 10 gallons per day

Applicable Compliance Method:  
Compliance with the gallon usage restriction shall be assumed since the emissions units maximum usage rate is less than 10 gallons/day.
  - b. Emission Limitation:
 

0.551 lb PE/hr

Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:

$$E = \text{PE rate (lbs/hr)}$$

$$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$

where:

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 90%)

If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).

- c. Emission Limitation:  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  
  
Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).
  - d. Emission Limitation:  
59.2 lbs OC/day, from the coatings usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the daily allowable OC emission rate above.
  - e. Emission Limitation:  
10.8 tons OC/yr, from the coatings usage  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation was developed by multiplying the daily allowable OC emission limitation by 365, and then dividing by 2000. Therefore, provided compliance is shown with the daily allowable OC emission limitation, compliance shall also be shown with the annual allowable OC emission limitation.
  - f. Emission Limitation:  
25 tons OC/yr, from the coatings usage, for emissions units K001 thru K013, combined  
  
Applicable Compliance Method:  
The annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
  - g. Emission Limitation:  
2 tons OC/month, from the cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - h. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012 and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
2. Formulation data or USEPA Method 24 shall be used to determine the OC contents of all the coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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**Facility ID: 0302020314 Emissions Unit ID: K013 Issuance type: Title V Final Permit**

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

**2. Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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**Part III - Terms and Conditions for Emissions Units**

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Facility ID: 0302020314 Emissions Unit ID: P001 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>   | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| autobody finishing; application of body fillers, body preparation, grinding and sanding (limo line) (booth No. 4) | OAC rule 3745-21-07(G)               | none (See A.I.2.a and A.II.1.)   |
|   | OAC rule 3745-17-08                  | none (See A.I.2.b.)  |
|   | OAC rule 3745-17-07(B)               | none (See A.I.2.c.)  |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the autobody finishing (filler) materials usage:<br><br>102 lbs organic compounds (OC)/day, for this emissions unit<br><br>9.11 tons OC/yr, for emissions units P001 thru P004, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). |

2. **Additional Terms and Conditions**

- a. OAC rule 3745-21-07(G) applies only to the use of cleanup materials in this emissions unit. OAC rule 3745-21-07(G) is not applicable to the use of body-filler materials because the permittee does not employ any body-filler material in this emissions unit that is a liquid organic material. "Liquid organic material" is defined in OAC rule 3745-21-01(C)(3).
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply, because OAC rule 3745-17-08 is not applicable.

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II. **Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the autobody finishing (body filler) operations associated with this emissions unit:
  - a. the name and identification number of each autobody finishing material employed;
  - b. the number of limousines produced; and
  - c. the total OC emissions for all the autobody finishing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:  
  
EF1 ( for limousines) = 5.1 pounds OC/vehicle produced
2. The permittee shall collect and record each month the total OC emissions for all the autobody finishing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of limousines produced;

- c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
- d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for limousines) = 2.67 pounds OC/vehicle produced

4. The permittee shall calculate and record the following information each month for emissions units P001 through P004, combined:
  - a. the total OC emissions for all the autobody finishing materials employed (summation of A.III.3.c for P001 through P004, divided by 2000), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the autobody finishing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 102 pounds (from the autobody finishing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the autobody finishing materials usage, for emissions units P001 through P004, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
102 lbs OC/day, from the autobody finishing materials usage  
  
Applicable Compliance Method:  
Compliance with the daily allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.
  - b. Emission Limitation:  
9.11 tons OC/yr, from the autobody finishing materials usage, for emissions units P001 thru P004, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
  - c. Emission Limitation:

2 tons OC/month, from the cleanup materials usage

Applicable Compliance Method:  
 Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.

d. Emission Limitation:  
 17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined

Applicable Compliance Method:  
 Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: P001 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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**Facility ID: 0302020314 Emissions Unit ID: P002 Issuance type: Title V Final Permit**

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>  | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|--|--------------------------------------|--|
| autobody finishing; application of body fillers, body preparation, grinding and sanding (funeral coach metal finish #1) (booth Nos. 5 and 6) | OAC rule 3745-21-07(G)               | none (See A.I.2.a and A.II.1.)   |
|  | OAC rule 3745-17-08                  | none (See A.I.2.b.)  |
|  | OAC rule 3745-17-07(B)               | none (See A.I.2.c.)  |
|  | OAC rule 3745-31-05 (PTI #03-3208)   | from the autobody finishing (filler) materials usage:<br><br>102 lbs organic compounds (OC)/day, for this emissions unit<br><br>9.11 tons OC/yr, for emissions units P001 thru P004, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). |

**2. Additional Terms and Conditions**

- a. OAC rule 3745-21-07(G) applies only to the use of cleanup materials in this emissions unit. OAC rule 3745-21-07(G) is not applicable to the use of body-filler materials because the permittee does not employ any body-filler material in this emissions unit that is a liquid organic material. "Liquid organic material" is defined in OAC rule 3745-21-01(C)(3).
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply, because OAC rule 3745-17-08 is not applicable.

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**II. Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the autobody finishing (body filler) operations associated with this emissions unit:
  - a. the name and identification number of each autobody finishing material employed;
  - b. the number of hearses produced; and
  - c. the total OC emissions for all the autobody finishing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for hearses) = 4.33 pounds OC/vehicle produced
2. The permittee shall collect and record each month the total OC emissions for all the autobody finishing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of hearses produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for hearses) = 2.38 pounds OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units P001 through P004, combined:
  - a. the total OC emissions for all the autobody finishing materials employed (summation of A.III.3.c for P001 through P004, divided by 2000), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the autobody finishing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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**IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 102 pounds (from the autobody finishing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.

3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the autobody finishing materials usage, for emissions units P001 through P004, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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**V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
102 lbs OC/day, from the autobody finishing materials usage  
  
Applicable Compliance Method:  
Compliance with the daily allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.
  - b. Emission Limitation:  
9.11 tons OC/yr, from the autobody finishing materials usage, for emissions units P001 thru P004, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
  - c. Emission Limitation:  
2 tons OC/month, from the cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - d. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:  
  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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**VI. Miscellaneous Requirements**

1. None

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**Facility ID: 0302020314 Emissions Unit ID: P002 Issuance type: Title V Final Permit**

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall

not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

- | <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
| <b>2. Additional Terms and Conditions</b>     |                                      |  |
| 1. None                                       |                                      |  |

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**II. Operational Restrictions**

1. None

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**III. Monitoring and/or Record Keeping Requirements**

1. None

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**IV. Reporting Requirements**

1. None

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**V. Testing Requirements**

1. None

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**VI. Miscellaneous Requirements**

1. None

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**Facility ID: 0302020314 Emissions Unit ID: P003 Issuance type: Title V Final Permit**

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>   | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
| autobody finishing; application of body fillers, body preparation, grinding and sanding (funeral coach metal finish #2) (booth No. 7) | OAC rule 3745-21-07(G)               | none (See A.I.2.a and A.II.1.)                           |
|   | OAC rule 3745-17-08                  | none (See A.I.2.b.)                                      |
|   | OAC rule 3745-17-07(B)               | none (See A.I.2.c.)                                      |

OAC rule 3745-31-05  
(PTI #03-3208)

from the autobody finishing (filler) materials usage:

102 lbs organic compounds  
(OC)/day, for this emissions unit

9.11 tons OC/yr, for emissions units P001 thru P004,  
combined

from the cleanup materials usage:

2 tons OC/month, for this emissions unit

17.03 tons OC/yr, for emissions units P001 thru P004,  
R001 thru R012, and K001 thru  
K013, combined

The requirements of this rule also include compliance  
with the requirements of OAC rule 3745-21-07(G).

**2. Additional Terms and Conditions**

- a. OAC rule 3745-21-07(G) applies only to the use of cleanup materials in this emissions unit. OAC rule 3745-21-07(G) is not applicable to the use of body-filler materials because the permittee does not employ any body-filler material in this emissions unit that is a liquid organic material. "Liquid organic material" is defined in OAC rule 3745-21-01(C)(3).
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply, because OAC rule 3745-17-08 is not applicable.

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**II. Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the autobody finishing (body filler) operations associated with this emissions unit:
  - a. the name and identification number of each autobody finishing material employed;
  - b. the number of hearses produced; and
  - c. the total OC emissions for all the autobody finishing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for hearses) = 1 pound OC/vehicle produced
2. The permittee shall collect and record each month the total OC emissions for all the autobody finishing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of hearses produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for hearses) = 2.04 pounds OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units P001 through P004, combined:

- a. the total OC emissions for all the autobody finishing materials employed (summation of A.III.3.c for P001 through P004, divided by 2000), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the autobody finishing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
- 5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P00 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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#### IV. Reporting Requirements

- 1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 102 pounds (from the autobody finishing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
- 2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
- 3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the autobody finishing materials usage, for emissions units P001 through P004, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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#### V. Testing Requirements

- 1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
102 lbs OC/day, from the autobody finishing materials usage  
  
Applicable Compliance Method:  
Compliance with the daily allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.
  - b. Emission Limitation:  
9.11 tons OC/yr, from the autobody finishing materials usage, for emissions units P001 thru P004, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
  - c. Emission Limitation:  
2 tons OC/month, from the cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - d. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:

Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: P003 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: P004 Issuance type: Title V Final Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>   | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| autobody finishing; application of body fillers, body preparation, grinding and sanding (special line metal finish) | OAC rule 3745-21-07(G)               | none (See A.I.2.a and A.II.1.)   |
|   | OAC rule 3745-17-08                  | none (See A.I.2.b.)  |
|   | OAC rule 3745-17-07(B)               | none (See A.I.2.c.)  |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the autobody finishing (filler) materials usage:<br><br>102 lbs organic compounds (OC)/day, for this emissions unit<br><br>9.11 tons OC/yr, for emissions units P001 thru P004, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G). |

2. Additional Terms and Conditions

- a. OAC rule 3745-21-07(G) applies only to the use of cleanup materials in this emissions unit. OAC rule 3745-21-07(G) is not applicable to the use of body-filler materials because the permittee does not employ any body-filler material in this emissions unit that is a liquid organic material. "Liquid organic material" is defined in OAC rule 3745-21-01(C)(3).
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply, because OAC rule 3745-17-08 is not applicable.

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II. Operational Restrictions

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each day for the autobody finishing (body

filler) operations associated with this emissions unit:

- a. the name and identification number of each autobody finishing material employed;
- b. the number of vans produced; and
- c. the total OC emissions for all the autobody finishing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for vans) = 5.1 pounds OC/vehicle produced

2. The permittee shall collect and record each month the total OC emissions for all the autobody finishing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2,000), in tons, for this emissions unit.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of vans produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for vans) = 2.67 pounds OC/vehicle produced

4. The permittee shall calculate and record the following information each month for emissions units P001 through P004, combined:
  - a. the total OC emissions for all the autobody finishing materials employed (summation of A.III.3.c for P001 through P004, divided by 2000), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the autobody finishing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 102 pounds (from the autobody finishing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the autobody finishing materials usage, for emissions units P001 through P004, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
102 lbs OC/day, from the autobody finishing materials usage  
  
Applicable Compliance Method:  
Compliance with the daily allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.
  - b. Emission Limitation:  
9.11 tons OC/yr, from the autobody finishing materials usage, for emissions units P001 thru P004, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1, 2 and 4 of this permit.
  - c. Emission Limitation:  
2 tons OC/month, from the cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - d. Emission Limitation:  
17.03 tons OC/yr, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:  
  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: P004 Issuance type: Title V Final Permit

B. **State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R001 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>  | <u>Applicable Rules/Requirements</u>                                | <u>Applicable Emissions Limitations/Control Measures</u>   |
|--|---|--|
| limousine vinyl top glue station (booth No. 9) | OAC rule 3745-21-07(G)(2)<br><br>OAC rule 3745-31-05 (PTI #03-3208) | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)<br><br>from the gluing materials usage:<br><br>7.3 tons OC/yr, for this emissions unit<br><br>16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |

The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).  
 none (See A.I.2.b.)  
 none (See A.I.2.c.)

OAC rule 3745-17-08

OAC rule 3745-17-07(B)

2. **Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

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II. **Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of limousines produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for limousines) = 9.61 pounds OC/vehicle produced
2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of limousines produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for limousines) = 0.85 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
  - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P00 and R001 thru

R012 + summation of A.III.5.e for K001 through K004), in tons; and

b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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**IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.

3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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**V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage  
  
Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 9.61 pounds OC/vehicle produced by the maximum number of vehicles produced).  
  
If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
  - b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
  - c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
  - d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - e. Emission Limitation:  
17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of

this permit.

- f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage

Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R001 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0302020314 Emissions Unit ID: R002 Issuance type: Title V Final Permit

A. **State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                                  | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>  |
|--|--------------------------------------|---|
| limousine floor, roof pad and headliner glue stations (station Nos. 12 and 13) | OAC rule 3745-21-07(G)(2)            | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)   |
|  | OAC rule 3745-31-05 (PTI #03-3208)   | from the gluing materials usage:<br><br>7.3 tons OC/yr, for this emissions unit<br><br>16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |
|  | OAC rule 3745-17-08                  | The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).<br>none (See A.I.2.b.)  |
|  | OAC rule 3745-17-07(B)               | none (See A.I.2.c.)   |

2. **Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

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II. **Operational Restrictions**

- 1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of limousines produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for limousines) = 2.31 pounds OC/vehicle produced
2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of limousines produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for limousines) = 0.45 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
  - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P00 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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**IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and

- b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage  
  
Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 2.31 pounds OC/vehicle produced by the maximum number of vehicles produced).  
  
If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
  - b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
  - c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
  - d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - e. Emission Limitation:  
17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
  - f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: R002 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

**2. Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R003 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <b>Operations, Property, and/or Equipment</b>                | <b>Applicable Rules/Requirements</b> | <b>Applicable Emissions Limitations/Control Measures</b>  |
|--|--------------------------------------|---|
| funeral coach quarter panel and roof assembly (booth No. 12) | OAC rule 3745-21-07(G)(2)            | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)   |
|  | OAC rule 3745-31-05 (PTI #03-3208)   | from the gluing materials usage:<br><br>7.3 tons OC/yr, for this emissions unit<br><br>16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |
|  | OAC rule 3745-17-11(B)(1)            | The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).<br>0.551 lb particulate emissions (PE)/hr   |
|  | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  |

2. **Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.

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II. **Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).
2. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of hearses produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:  
EF1 ( for hearses) = 1 pound OC/vehicle produced
2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;

- b. the number of hearses produced;
    - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
    - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.
- \*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:
- EFa ( for hearses) = 1.78 pounds OC/vehicle produced
- 4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
    - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
    - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
  - 5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
    - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
    - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.
  - 6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

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#### IV. Reporting Requirements

- 1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
- 2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
- 3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
- 4. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

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#### V. Testing Requirements

- 1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:
    - 8 lbs OC/hr, from the gluing materials usage

Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 1 pound OC/vehicle produced by the maximum number of vehicles produced).

If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in

accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.

- b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage
- Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
- c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined
- Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
- d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage
- Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
- e. Emission Limitation:  
17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined
- Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
- f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage
- Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.
- g. Emission Limitation:  
0.551 lb PE/hr
- Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:
- $$E = \text{PE rate (lbs/hr)}$$
- $$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$
- where:
- TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)
- CE = control efficiency of the control equipment (assumed to be 90%)
- If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).
- h. Emission Limitation:  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
- Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: R003 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

**2. Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R004 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>       | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| funeral coach vinyl top installation (booth No. 14) | OAC rule 3745-21-07(G)(2)            | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)  |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the gluing materials usage:<br><br>7.3 tons OC/yr, for this emissions unit<br><br>16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). |
|   | OAC rule 3745-17-08                  | none (See A.I.2.b.)  |
|   | OAC rule 3745-17-07(B)               | none (See A.I.2.c.)  |

**2. Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

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**II. Operational Restrictions**

- 1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

- 1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of hearses produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:  
EF1 ( for hearses) = 12.72 pounds OC/vehicle produced
- 2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;

- b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
- the name and identification number of each cleanup material employed;
  - the number of hearses produced;
  - the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - documentation on whether or not each cleanup material employed is a photochemically reactive material.
- \*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:
- EFa ( for hearses) = 0.85 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
- the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
- the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P00 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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#### IV. Reporting Requirements

- The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
- The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
- The permittee shall submit annual reports that summarize the following:
  - the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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#### V. Testing Requirements

- Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - Emission Limitation:
 

8 lbs OC/hr, from the gluing materials usage

Applicable Compliance Method:

Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 12.72 pounds OC/vehicle produced by the maximum number of vehicles produced).

If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.

- b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
- c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
- d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
- e. Emission Limitation:  
17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
- f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.

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VI. **Miscellaneous Requirements**

- 1. None

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**Facility ID: 0302020314 Emissions Unit ID: R004 Issuance type: Title V Final Permit**

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

- 2. **Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R005 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                         | <u>Applicable Rules/Requirements</u>                                | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|---|--|
| funeral coach headliner and interior trim installation (booth No. 24) | OAC rule 3745-21-07(G)(2)<br><br>OAC rule 3745-31-05 (PTI #03-3208) | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)<br>from the gluing materials usage:<br><br>7.3 tons OC/yr, for this emissions unit<br><br>16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit |

17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined

The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).

OAC rule 3745-17-08

none (See A.I.2.b.)

OAC rule 3745-17-07(B)

none (See A.I.2.c.)

2. **Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

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II. **Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of hearses produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for hearses) = 4.77 pounds OC/vehicle produced
2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of hearses produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for hearses) = 0.45 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
  - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.

5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P00 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage  
  
Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 4.77 pounds OC/vehicle produced by the maximum number of vehicles produced).  
  
If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
  - b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
  - c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
  - d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - e. Emission Limitation:

17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined

Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

- f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage

Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.

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VI. **Miscellaneous Requirements**

- 1. None

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**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
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2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R006 Issuance type: Title V Final Permit

A. **State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                                   | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| specialty line vinyl top, floor and headliner installation (booth Nos. 5 and 6) | OAC rule 3745-21-07(G)(2)            | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)  |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the gluing materials usage:<br><br>7.3 tons OC/yr, for this emissions unit  |
|   |                                      | 16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit |
|   |                                      | 17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined   |
|   | OAC rule 3745-17-08                  | The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).  |
|   | OAC rule 3745-17-07(B)               | none (See A.I.2.b.)<br>none (See A.I.2.c.)   |

2. **Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

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**II. Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of vans produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for vans) = 9.61 pounds OC/vehicle produced
2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of vans produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for vans) = 0.85 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
  - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P00 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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**IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.

3. The permittee shall submit annual reports that summarize the following:
    - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
    - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.
- These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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**V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage  
  
Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 9.61 pounds OC/vehicle produced by the maximum number of vehicles produced).  
  
If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
  - b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
  - c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
  - d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - e. Emission Limitation:  
17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
  - f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.

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**VI. Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: R006 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

**2. Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R007 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|--------------------------------------|--|
| fleetwood vinyl top installation              | OAC rule 3745-21-07(G)(2)            | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)  |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the gluing materials usage:<br><br>7.3 tons OC/yr, for this emissions unit<br><br>16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined<br><br>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). |
|   | OAC rule 3745-17-08                  | none (See A.I.2.b.)  |
|   | OAC rule 3745-17-07(B)               | none (See A.I.2.c.)  |

**2. Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

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**II. Operational Restrictions**

- 1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

- 1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of vans produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:  
EF1 ( for vans) = 9.61 pounds OC/vehicle produced
- 2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;

- b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
- the name and identification number of each cleanup material employed;
  - the number of vans produced;
  - the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - documentation on whether or not each cleanup material employed is a photochemically reactive material.
- \*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:
- EFa ( for vans ) = 0.85 pound OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
- the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
- the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P00 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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#### IV. Reporting Requirements

- The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
- The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
- The permittee shall submit annual reports that summarize the following:
  - the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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#### V. Testing Requirements

- Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage
 

Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 9.61 pounds OC/vehicle produced by the maximum number of vehicles produced).

If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.

- b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
- c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
- d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
- e. Emission Limitation:  
17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
- f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.

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VI. **Miscellaneous Requirements**

- 1. None

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**Facility ID: 0302020314 Emissions Unit ID: R007 Issuance type: Title V Final Permit**

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

- 2. **Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R008 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u>                  | <u>Applicable Rules/Requirements</u>                                | <u>Applicable Emissions Limitations/Control Measures</u>   |
|--|---|--|
| hearse final finish area - touchup, repair and inspection area | OAC rule 3745-21-07(G)(2)<br><br>OAC rule 3745-31-05 (PTI #03-3208) | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)<br>from the gluing materials usage:<br><br>7.3 tons OC/yr, for this emissions unit<br><br>16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br><br>2 tons OC/month, for this emissions unit |

17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined

The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).

OAC rule 3745-17-08

none (See A.I.2.b.)

OAC rule 3745-17-07(B)

none (See A.I.2.c.)

**2. Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.
- b. This facility is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08 (it is located in Allen County, outside of the City of Lima). Therefore, the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit.
- c. Pursuant to OAC rule 3745-17-07(B)(11), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable.

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**II. Operational Restrictions**

- 1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

- 1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of hearses produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for hearses) = 1 pound OC/vehicle produced
- 2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
- 3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of hearses produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for hearses) = 0.57 pound OC/vehicle produced
- 4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
  - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.

5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage  
  
Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 1 pound OC/vehicle produced by the maximum number of vehicles produced).  
  
If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
  - b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
  - c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
  - d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - e. Emission Limitation:

17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined

Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

- f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage

Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R008 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: R009 Issuance type: Title V Final Permit

A. **State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>  |
|---|--------------------------------------|---|
| seat assembly (trim area)                     | OAC rule 3745-21-07(G)(2)            | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)   |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the gluing materials usage:<br>7.3 tons OC/yr, for this emissions unit<br><br>16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br>2 tons OC/month, for this emissions unit |
|   |                                      | 17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  |
|   |                                      | The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).   |
|   | OAC rule 3745-17-11(B)(1)            | 0.551 lb particulate emissions (PE)/hr  |
|   | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  |

2. **Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.

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II. **Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of hearses produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for hearses) = 1 pound OC/vehicle produced
2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of hearses produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for hearses) = 1.78 pounds OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
  - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P00 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.
6. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.

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IV. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

- a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall submit semiannual written reports that (a) identify all days during which visible particulate emissions from the stack serving this emissions unit were observed, and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage  
  
Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 1 pound OC/vehicle produced by the maximum number of vehicles produced).  
  
If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
  - b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
  - c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
  - d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - e. Emission Limitation:  
17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
  - f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.

- g. Emission Limitation:  
0.551 lb PE/hr  
  
Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:  
  
E = PE rate (lbs/hr)  
  
E = (maximum coating solids usage rate, in pounds per hour) X (1-TE) X (1-CE)  
  
where:  
  
TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)  
  
CE = control efficiency of the control equipment (assumed to be 90%)  
  
If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).
  
- h. Emission Limitation:  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  
  
Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0302020314 Emissions Unit ID: R009 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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**Part III - Terms and Conditions for Emissions Units**

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Facility ID: 0302020314 Emissions Unit ID: R010 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u>  |
|---|--------------------------------------|---|
| door panels (trim area)                       | OAC rule 3745-21-07(G)(2)            | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)   |
|   | OAC rule 3745-31-05 (PTI #03-3208)   | from the gluing materials usage:<br>7.3 tons OC/yr, for this emissions unit<br>16.5 tons OC/yr, for emissions units R001 thru R012, combined  |
|   |                                      | from the cleanup materials usage:<br>2 tons OC/month, for this emissions unit   |
|   |                                      | 17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  |
|   | OAC rule 3745-17-11(B)(1)            | The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).<br>0.551 lb particulate emissions (PE)/hr |
|   | OAC rule 3745-17-07(A)               | Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  |

**2. Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit

cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.

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**II. Operational Restrictions**

1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of limousines produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for limousines) = 1 pound OC/vehicle produced
2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of limousines produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for limousines) = 0.45 pounds OC/vehicle produced
4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
  - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.
6. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.

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**IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall submit semiannual written reports that (a) identify all days during which visible particulate emissions from the stack serving this emissions unit were observed, and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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**V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage  
  
Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 1 pound OC/vehicle produced by the maximum number of vehicles produced).  
  
If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
  - b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
  - c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.
  - d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  - e. Emission Limitation:  
17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

- f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage
- Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.
- g. Emission Limitation:  
0.551 lb PE/hr
- Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:
- $$E = \text{PE rate (lbs/hr)}$$
- $$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$
- where:
- TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)
- CE = control efficiency of the control equipment (assumed to be 90%)
- If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).
- h. Emission Limitation:  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
- Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0302020314 Emissions Unit ID: R010 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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**Part III - Terms and Conditions for Emissions Units**

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**Facility ID: 0302020314 Emissions Unit ID: R011 Issuance type: Title V Final Permit**

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u>                                | <u>Applicable Emissions Limitations/Control Measures</u>   |
|---|---|--|
| wheel house panel fabrication (trim area)     | OAC rule 3745-21-07(G)(2)<br><br>OAC rule 3745-31-05 (PTI #03-3208) | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)<br>from the gluing materials usage:<br>7.3 tons OC/yr, for this emissions unit<br><br>16.5 tons OC/yr, for emissions units R001 thru R012, combined<br><br>from the cleanup materials usage:<br>2 tons OC/month, for this emissions unit<br><br>17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined |

The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).

OAC rule 3745-17-11(B)(1)

0.551 lb particulate emissions (PE)/hr

OAC rule 3745-17-07(A)

Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.

**2. Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.

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**II. Operational Restrictions**

- 1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

- 1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of hearses produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for hearses) = 6.36 pounds OC/vehicle produced

- 2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.
- 3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of hearses produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for hearses) = 0.45 pound OC/vehicle produced

- 4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
  - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through R012), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
- 5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a

for each calendar month to date from January to December, divided by 2000), in tons.

6. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall submit semiannual written reports that (a) identify all days during which visible particulate emissions from the stack serving this emissions unit were observed, and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage  
  
Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 6.36 pounds OC/vehicle produced by the maximum number of vehicles produced).  
  
If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
  - b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.
  - c. Emission Limitation:  
16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined  
  
Applicable Compliance Method:  
Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.

- d. Emission Limitation:  
2 tons OC/month, from cleanup materials usage  
  
Applicable Compliance Method:  
Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.
  
- e. Emission Limitation:  
17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined  
  
Applicable Compliance Method:  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.
  
- f. Emission Limitation:  
40 lbs OC/day from the gluing materials usage  
  
Applicable Compliance Method:  
The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.
  
- g. Emission Limitation:  
0.551 lb PE/hr  
  
Applicable Compliance Method:  
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:  
  
E = PE rate (lbs/hr)  
  
E = (maximum coating solids usage rate, in pounds per hour) X (1-TE) X (1-CE)  
  
where:  
  
TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)  
  
CE = control efficiency of the control equipment (assumed to be 90%)  
  
If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).
  
- h. Emission Limitation:  
Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.  
  
Applicable Compliance Method:  
If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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**Facility ID: 0302020314 Emissions Unit ID: R011 Issuance type: Title V Final Permit**

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the

applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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**Part III - Terms and Conditions for Emissions Units**

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Facility ID: 0302020314 Emissions Unit ID: R012 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u>                                   | <u>Applicable Emissions Limitations/Control Measures</u>  |
|---|--|---|
| interior trim panel fabrication (trim area)   | OAC rule 3745-21-07(G)(2)<br><br>OAC rule 3745-31-05<br>(PTI #03-3208) | 8 lbs organic compounds (OC)/hr, 40 lbs OC/day, from the gluing materials usage (See A.II.1.)<br><br>from the gluing materials usage: |

7.3 tons OC/yr, for this emissions unit

16.5 tons OC/yr, for emissions units R001 thru R012, combined

from the cleanup materials usage:

2 tons OC/month, for this emissions unit

17.03 tons OC/yr, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined

The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2), 3745-17-11(B) and 3745-17-07(A).

OAC rule 3745-17-11(B)(1)

0.551 lb particulate emissions (PE)/hr

OAC rule 3745-17-07(A)

Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.

**2. Additional Terms and Conditions**

- a. The hourly OC emission limitation established by OAC rule 3745-21-07(G)(2) for this emissions unit cannot be exceeded since its potential to emit is less than 8 pounds per hour. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.

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**II. Operational Restrictions**

- 1. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

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**III. Monitoring and/or Record Keeping Requirements**

- 1. The permittee shall calculate and record the following information each day for the gluing operations associated with this emissions unit:
  - a. the name and identification number of each gluing material material employed
  - b. the number of hearses produced;
  - c. the total OC emissions for all the gluing materials employed [1.b x EF1\*], in pounds.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EF1 ( for hearses) = 6.36 pounds OC/vehicle produced

- 2. The permittee shall collect and record each month the following information for this emissions unit:
  - a. the total OC emissions for all the gluing materials employed (summation of the daily OC emission rates, from section A.III.1.c above, for the calendar month, divided by 2000), in tons;
  - b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.2.a for each calendar month to date from January to December), in tons.

- 3. The permittee shall calculate and record the following information each month for the cleanup operations associated with this emissions unit:
  - a. the name and identification number of each cleanup material employed;
  - b. the number of hearses produced;
  - c. the total OC emissions for all the cleanup materials employed [3.b x EFa\*], in pounds; and
  - d. documentation on whether or not each cleanup material employed is a photochemically reactive material.

\*The following emission factor was supplied by the permittee and was developed based on the permittee's purchase records:

EFa ( for hearses) = 0.45 pound OC/vehicle produced

- 4. The permittee shall calculate and record the following information each month for emissions units R001 through R012, combined:
  - a. the total OC emissions for all the gluing materials employed (summation of A.III.2.a for R001 through

R012), in tons; and

- b. the annual, year-to-date, OC emission rate for all the gluing materials employed (summation of A.III.4.a for each calendar month to date from January to December), in tons.
5. The permittee shall calculate and record the following information each month for emissions units P001 through P004, K001 through K013, and R001 through R012, combined:
  - a. the total OC emissions for all the cleanup materials employed (summation of A.III.3.d for K005, K009, K011 and K012 + summation of A.III.3.c for K006 thru K008, K010, K013, P001 thru P004 and R001 thru R012 + summation of A.III.5.e for K001 through K004), in tons; and
  - b. the annual, year-to-date, OC emission rate for all the cleanup materials employed (summation of A.III.5.a for each calendar month to date from January to December, divided by 2000), in tons.
6. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.

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#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily OC emission limitation of 40 pounds (from the gluing materials usage). The quarterly deviation reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:
  - a. an identification of each month during which the OC emissions from the cleanup materials exceeded 2 tons, and the actual OC emissions for each such month; and
  - b. an identification of each month during which a photochemically reactive cleanup material was employed.

The reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
3. The permittee shall submit annual reports that summarize the following:
  - a. the actual annual OC emissions, from the gluing materials usage, for emissions units R001 through R012, combined; and
  - b. the actual annual OC emissions, from the cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
4. The permittee shall submit semiannual written reports that (a) identify all days during which visible particulate emissions from the stack serving this emissions unit were observed, and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitation:  
8 lbs OC/hr, from the gluing materials usage
  - Applicable Compliance Method:  
Compliance with the hourly allowable OC emission limitation shall be assumed since the emissions unit's potential to emit is less than 8 lbs OC/hr (the potential to emit for this emissions unit was calculated by multiplying the emission factor of 6.36 pounds OC/vehicle produced by the maximum number of vehicles produced).
  - If required, the permittee shall demonstrate compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.
  - b. Emission Limitation:  
7.3 tons OC/yr, from the gluing materials usage

## Applicable Compliance Method:

The record keeping requirements in Section A.III.2 of this permit shall be used to determine compliance with the annual allowable OC emission limitation above.

## c. Emission Limitation:

16.5 tons OC/yr, from gluing materials usage, for emissions units R001 thru R012, combined

## Applicable Compliance Method:

Compliance with the annual allowable OC emission limitation shall be based upon the record keeping requirements specified in Sections A.III.1 and 4 of this permit.

## d. Emission Limitation:

2 tons OC/month, from cleanup materials usage

## Applicable Compliance Method:

Compliance with the monthly allowable OC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.

## e. Emission Limitation:

17.03 tons OC/yr, from cleanup materials usage, for emissions units P001 thru P004, R001 thru R012, and K001 thru K013, combined

## Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in Sections A.III.3 and 5 of this permit.

## f. Emission Limitation:

40 lbs OC/day from the gluing materials usage

## Applicable Compliance Method:

The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limitation.

## g. Emission Limitation:

0.551 lb PE/hr

## Applicable Compliance Method:

To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operations:

$$E = \text{PE rate (lbs/hr)}$$

$$E = (\text{maximum coating solids usage rate, in pounds per hour}) \times (1 - \text{TE}) \times (1 - \text{CE})$$

where:

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 90%)

If required, the permittee shall demonstrate compliance with the hourly allowable PE limitation pursuant to OAC rule 3745-17-03(B)(10).

## h. Emission Limitation:

Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.

## Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with the visible PE limitation pursuant to OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
|---|--------------------------------------|--|

**2. Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None