

Facility ID: 0605010093 Issuance type: Title V Draft 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. The following insignificant emissions unit is located at this facility:

P001 - general cleanup area

This insignificant emissions unit must comply with all applicable State and federal regulations, as well as any emissions limitations and/or control requirements contained within a Permit to Install for the emissions unit.

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**b State Only Enforceable Section**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0605010093 Emissions Unit ID: R001 Issuance type: Title V Draft 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>
spray booth #1 for coating plastic parts	OAC rule 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-17-11	Emissions of particulate matter shall not exceed 0.551 pound per hour.
	OAC rule 3745-17-07	Visible particulate emissions from this emissions unit shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-31-05 (PTI 06-5124)	The permittee shall employ high volume, low pressure (HVLV) spray guns during any operation of this emissions unit.

2. Additional Terms and Conditions

- a. The permittee shall employ a spray booth filter having a design control efficiency for particulates greater than 98% during any operation of this emissions unit.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:
  - a. The company identification for each coating and photochemically reactive cleanup material employed.
  - b. The number of gallons of each coating and photochemically reactive cleanup material employed.
  - c. The organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon.
  - d. The total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day.
  - e. The total number of hours the emissions unit was in operation.
  - f. The average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon

OAC rule 3745-21-01(C)(5).]

- g. Whether or not the spray booth filter was in service when the emissions unit was in operation.

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**IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. An identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
  - b. An identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
  - c. An identification of each day during which the emissions unit was in operation and the spray booth filter was not in service.

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**V. Testing Requirements**

1. Compliance with the hourly organic compound emission limit shall be based upon the record keeping requirements contained in Section III.1 of this permit.
2. Compliance with the daily organic compound emission limit shall be based upon the record keeping requirements contained in Section III.1 of this permit.
3. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings and cleanup materials.
4. Compliance with the particulate matter emission limit shall be determined by multiplying the maximum uncontrolled emission rate for particulates (lb PM/hr) by the design control efficiency of the filters (98%) as follows:
 
$$(\text{lb PM/gal})(\text{gal/hr})(1 - 0.98) = \text{lb PM/hr}$$

The hourly PM emission limit cannot be exceeded if a spray booth filter having a design control efficiency for particulates greater than 98% is employed during any operation of the emissions unit.
5. Compliance with the visible emission limit shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). No visible emission testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

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**VI. Miscellaneous Requirements**

1. None

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Facility ID: 0605010093 Emissions Unit ID: R001 Issuance type: Title V Draft 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. | <b>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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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0605010093 Emissions Unit ID: R002 Issuance type: Title V Draft 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>
spray booth #2 for coating plastic parts	OAC rule 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-17-11	Emissions of particulate matter shall not exceed 0.551 pound per hour.
	OAC rule 3745-17-07	Visible particulate emissions from this emissions unit shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-31-05 (PTI 06-5124)	The permittee shall employ high volume, low pressure (HVLP) spray guns during any operation of this

emissions unit.

**2. Additional Terms and Conditions**

- a. The permittee shall employ a spray booth filter having a design control efficiency for particulates greater than 98% during any operation of this emissions unit.

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**II. Operational Restrictions**

1. None

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

1. The permittee shall collect and record the following information for each day for the coating operation:
  - a. The company identification for each coating and photochemically reactive cleanup material employed.
  - b. The number of gallons of each coating and photochemically reactive cleanup material employed.
  - c. The organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon.
  - d. The total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day.
  - e. The total number of hours the emissions unit was in operation.
  - f. The average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).
 

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]
  - g. Whether or not the spray booth filter was in service when the emissions unit was in operation.

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**IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. An identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
  - b. An identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
  - c. An identification of each day during which the emissions unit was in operation and the spray booth filter was not in service.

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**V. Testing Requirements**

1. Compliance with the hourly organic compound emission limit shall be based upon the record keeping requirements contained in Section III.1 of this permit.
2. Compliance with the daily organic compound emission limit shall be based upon the record keeping requirements contained in Section III.1 of this permit.
3. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings and cleanup materials.
4. Compliance with the particulate matter emission limit shall be determined by multiplying the maximum uncontrolled emission rate for particulates (lb PM/hr) by the design control efficiency of the filters (98%) as follows:
 
$$(\text{lb PM/gal})(\text{gal/hr})(1 - 0.98) = \text{lb PM/hr}$$

The hourly PM emission limit cannot be exceeded if a spray booth filter having a design control efficiency for particulates greater than 98% is employed during any operation of the emissions unit.
5. Compliance with the visible emission limit shall be determined through visible emission observations

performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). No visible emission testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

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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. <b>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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**Part III - Terms and Conditions for Emissions Units**

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Facility ID: 0605010093 Emissions Unit ID: R003 Issuance type: Title V Draft 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>
spray booth #3 for coating plastic parts	OAC rule 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-17-11	Emissions of particulate matter shall not exceed 0.551 pound per hour.
	OAC rule 3745-17-07	Visible particulate emissions from this emissions unit shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-31-05 (PTI 06-5124)	The permittee shall employ high volume, low pressure (HVL) spray guns during any operation of this emissions unit.

**2. Additional Terms and Conditions**

- a. The permittee shall employ a spray booth filter having a design control efficiency for particulates greater than 98% during any operation of this emissions unit.

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**II. Operational Restrictions**

1. None

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

1. The permittee shall collect and record the following information for each day for the coating operation:
  - a. The company identification for each coating and photochemically reactive cleanup material employed.
  - b. The number of gallons of each coating and photochemically reactive cleanup material employed.
  - c. The organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon.
  - d. The total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day.
  - e. The total number of hours the emissions unit was in operation.
  - f. The average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

- g. Whether or not the spray booth filter was in service when the emissions unit was in operation.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. An identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
  - b. An identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
  - c. An identification of each day during which the emissions unit was in operation and the spray booth filter was not in service.

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V. **Testing Requirements**

1. Compliance with the hourly organic compound emission limit shall be based upon the record keeping requirements contained in Section III.1 of this permit.
2. Compliance with the daily organic compound emission limit shall be based upon the record keeping requirements contained in Section III.1 of this permit.
3. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings and cleanup materials.
4. Compliance with the particulate matter emission limit shall be determined by multiplying the maximum uncontrolled emission rate for particulates (lb PM/hr) by the design control efficiency of the filters (98%) as follows:
 
$$(\text{lb PM/gal})(\text{gal/hr})(1 - 0.98) = \text{lb PM/hr}$$

The hourly PM emission limit cannot be exceeded if a spray booth filter having a design control efficiency for particulates greater than 98% is employed during any operation of the emissions unit.
5. Compliance with the visible emission limit shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). No visible emission testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

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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. <b>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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**Part III - Terms and Conditions for Emissions Units**

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Facility ID: 0605010093 Emissions Unit ID: R004 Issuance type: Title V Draft 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>
spray booth #4 for coating plastic parts	OAC rule 3745-21-07(G)(2)	Emissions of organic compounds shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-17-11	Emissions of particulate matter shall not exceed 0.551 pound per hour.
	OAC rule 3745-17-07	Visible particulate emissions from this emissions unit shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-31-05 (PTI 06-5124)	The permittee shall employ high volume, low pressure (HVLV) spray guns during any operation of this emissions unit.

**2. Additional Terms and Conditions**

- a. The permittee shall employ a spray booth filter having a design control efficiency for particulates greater than 98% during any operation of this emissions unit.

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**II. Operational Restrictions**

1. None

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

1. The permittee shall collect and record the following information for each day for the coating operation:
  - a. The company identification for each coating and photochemically reactive cleanup material employed.
  - b. The number of gallons of each coating and photochemically reactive cleanup material employed.
  - c. The organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon.
  - d. The total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day.
  - e. The total number of hours the emissions unit was in operation.
  - f. The average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).
 

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]
  - g. Whether or not the spray booth filter was in service when the emissions unit was in operation.

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**IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. An identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
  - b. An identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
  - c. An identification of each day during which the emissions unit was in operation and the spray booth filter was not in service.

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**V. Testing Requirements**

1. Compliance with the hourly organic compound emission limit shall be based upon the record keeping requirements contained in Section III.1 of this permit.
2. Compliance with the daily organic compound emission limit shall be based upon the record keeping requirements contained in Section III.1 of this permit.
3. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings and cleanup materials.
4. Compliance with the particulate matter emission limit shall be determined by multiplying the maximum uncontrolled emission rate for particulates (lb PM/hr) by the design control efficiency of the filters (98%) as follows:
 
$$(\text{lb PM/gal})(\text{gal/hr})(1 - 0.98) = \text{lb PM/hr}$$

The hourly PM emission limit cannot be exceeded if a spray booth filter having a design control efficiency for particulates greater than 98% is employed during any operation of the emissions unit.
5. Compliance with the visible emission limit shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). No visible emission testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

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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. <b>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