

Facility ID: 0204000060 Issuance type: Title V Proposed 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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Facility ID: 0204000060 Issuance type: Title V Proposed Permit

b State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

N001 - Paint Hanger Incinerator
P001 - E-46 Electric Bake Oven
P009 - Lab Oven #8
R070 - Lab Spray Booth 14
Z001 - Powerwash and Dry-off Oven (Lines 2 & 3)
Z002 - Spray-out Booth (Room 1)
Z003 - Molding Press #1
Z004 - Molding Press #2
Z005 - Molding Press #3
Z006 - Molding Press #4
Z007 - Molding Press #5
Z008 - Molding Press #6
Z009 - Molding Press #7
Z010 - Molding Press #8
Z011 - Molding Press #9
Z012 - Molding Press #10
Z013 - Molding Press #11
Z014 - Molding Press #12
Z015 - Molding Press #13
Z016 - Molding Press #14
Z017 - Molding Press #15
Z018 - Molding Press #16
Z019 - Molding Press #17
Z020 - Molding Press #18
Z021 - Molding Press #19
Z022 - Molding Press #20
Z023 - Molding Press #39
Z024 - Molding Press #40
Z025 - Molding Press #41
Z026 - Molding Press #42
Z027 - Molding Press #43
Z028 - Molding Press #44

Each insignificant emissions unit at this facility must comply with all 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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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0204000060 Emissions Unit ID: B003 Issuance type: Title V Proposed 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>
Natural Gas-Fired Water Heater for the Powerwash Unit on Line #1	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	0.060 pound per hour and 0.26 ton per year of particulate emissions.
		0.057 pound per hour, 0.019 pound per MMBtu, and 0.25 ton per year of CO emissions.
		0.42 pound per hour, 0.14 pound per MMBtu, and 1.84 tons per year of NOx emissions.
		The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-10.
	OAC rule 3745-17-10(B)(1)	0.020 pound per MMBtu of actual heat input of particulate emissions.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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V. Testing Requirements

1. Emission Limitations:
0.060 pound per hour and 0.020 pound per MMBtu of particulate emissions

Applicable Compliance Method:
To determine the actual particulate emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.
2. Emission Limitation:
0.26 ton per year of particulate emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.060 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
3. Emission Limitations:
0.057 pound per hour and 0.019 pound per MMBtu of CO emissions

Applicable Compliance Method:
To determine the actual CO emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.
4. Emission Limitation:
0.25 ton per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.057 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
5. Emission Limitations:
0.42 pound per hour and 0.14 pound per MMBtu of NOx emissions

Applicable Compliance Method:
To determine the actual NOx emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.
6. Emission Limitation:
1.84 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.42 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
7. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in U.S. EPA reference method 9.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0204000060 Emissions Unit ID: B003 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: B004 Issuance type: Title V Proposed 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>
Natural Gas-Fired Dry-Off Oven #10 on Line #1	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	0.040 pound per hour and 0.18 ton per year of particulate emissions.
		0.038 pound per hour, 0.019 pound per MMBtu, and 0.17 ton per year of CO emissions.
		0.28 pound per hour, 0.14 pound per MMBtu, and 1.23 tons per year of NOx emissions.
		The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-10.
	OAC rule 3745-17-10(B)(1)	0.020 pound per MMBtu of actual heat input of particulate emissions.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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V. Testing Requirements

1. Emission Limitations:
0.040 pound per hour and 0.020 pound per MMBtu of particulate emissions

Applicable Compliance Method:
To determine the actual particulate emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.
2. Emission Limitation:
0.18 ton per year of particulate emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.040 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
3. Emission Limitations:
0.038 pound per hour and 0.019 pound per MMBtu of CO emissions

Applicable Compliance Method:
To determine the actual CO emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.

- 4. Emission Limitation:
0.17 ton per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.038 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

- 5. Emission Limitations:
0.28 pound per hour and 0.14 pound per MMBtu of NOx emissions

Applicable Compliance Method:
To determine the actual NOx emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.

- 6. Emission Limitation:
1.23 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.28 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

- 7. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in U.S. EPA reference method 9.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0204000060 Emissions Unit ID: B004 Issuance type: Title V Proposed 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>
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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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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0204000060 Emissions Unit ID: P007 Issuance type: Title V Proposed 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>
Bake Oven #6 for Paint Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	2.73 tons per year of OC emissions
	OAC rule 3745-21-07(G)(1)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07. 3 pounds per hour and 15 pounds per day of OC emissions

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated spray booths (R117, R118, R119, R120, and R121), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in the spray booths that are emitted uncontrolled from the spray booths. The remaining percentage of the organic compounds employed in the spray booths shall be considered to be the uncontrolled emissions for this emissions unit. This "split" of organic compound emissions between this emissions unit and the associated spray booths shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after the issuance of the permit.
2. The permittee shall collect and record the following information for each day for the oven:
 - a. The total potential (prior to applying the booth/oven "split") uncontrolled daily organic compound emission rate for all the coatings employed in all the coating operations (R117 - R121) associated with this emissions unit, multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in condition A.III.1 of this permit), in pounds per day.
 - b. The total number of hours this emissions unit was in operation. (This number should be the same as the maximum number of hours any of the associated coating operations were in operation.)
 - c. The average hourly organic compound emission rate, i.e., (a)/(b), in pounds per hour (average).

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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 exceeded 3 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 exceeded 15 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

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V. Testing Requirements

1. Emission Limitation:
3 pounds per hour of OC emissions

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A

The permittee shall conduct, or have conducted, emission testing to determine the "split" percentage for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 1 to 2 months after issuance of the permit.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or Method 25A of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while this emissions unit and all the associated spray booths are operating at or near their maximum capacities, unless otherwise specified or approved by the appropriate Ohio EPA, Northeast District Office.
Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.
2. Emissions Limitation:
15 pounds per day of OC emissions

Applicable Compliance Method:

Compliance shall be based on the record keeping requirements as specified in term A.III.2.a.

3. Emissions Limitation:
2.73 tons per year of OC emissions

Applicable Compliance Method:

E (tons/yr) = summation of daily emissions for the previous calendar year based on the record keeping requirements in section A.III.3, (lbs/yr) / 2,000 (lbs/ton)

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0204000060 Emissions Unit ID: P007 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: P008 Issuance type: Title V Proposed 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>
Bake Oven #7 for Paint Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	2.73 tons per year of OC emissions
	OAC rule 3745-21-07(G)(1)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07. 3 pounds per hour and 15 pounds per day of OC emissions

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated spray booths (R122, R123, R124, R125, and R126), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in the spray booths that are emitted uncontrolled from the spray booths. The remaining percentage of the organic compounds employed in the spray booths shall be considered to be the uncontrolled emissions for this emissions unit. This "split" of organic compound emissions between this emissions unit and the associated spray booths shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after the issuance of the permit.
2. The permittee shall collect and record the following information for each day for the oven:
 - a. The total potential (prior to applying the booth/oven "split") uncontrolled daily organic compound emission rate for all the coatings employed in all the coating operations (R122 - R126) associated with this emissions unit, multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in condition A.III.1 of this permit), in pounds per day.
 - b. The total number of hours this emissions unit was in operation. (This number should be the same as the maximum number of hours any of the associated coating operations were in operation.)
 - c. The average hourly organic compound emission rate, i.e., (a)/(b), in pounds per hour (average).

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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 exceeded 3 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 exceeded 15 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

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V. **Testing Requirements**

1. Emission Limitation:
3 pounds per hour of OC emissions

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A

The permittee shall conduct, or have conducted, emission testing to determine the "split" percentage for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 1 to 2 months after issuance of the permit.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or Method 25A of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while this emissions unit and all the associated spray booths are operating at or near their maximum capacities, unless otherwise specified or approved by the appropriate Ohio EPA, Northeast District Office.
Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.
2. Emissions Limitation:
15 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.2.a.
3. Emissions Limitation:
2.73 tons per year of OC emissions

Applicable Compliance Method:
E (tons/yr) = summation of daily emissions for the previous calendar year based on the record keeping requirements in section A.III.3, (lbs/yr) / 2,000 (lbs/ton)

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: P008 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: P010 Issuance type: Title V Proposed 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

- 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>
Natural Gas-Fired Bake Oven #9 on Line #1 equipped with a concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	21.2 pounds per day of OC emissions. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. 0.060 pound per hour, 0.020 pound per MMBtu, and 0.19 ton per year of particulate emissions. 0.057 pound per hour, 0.019 pound per MMBtu, and 0.18 ton per year of CO emissions. 0.42 pound per hour, 0.14 pound per MMBtu, and 1.31 tons per year of NOx emissions.
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-21-07(G)(1)	The overall control efficiency based on OAC rule 3745-21-07 is less stringent than the overall control efficiency established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

- The emission limits for particulates, CO, and NOx for this emissions unit are for the emissions from the combustion of natural gas in Oven #9.
- All emissions from Oven #9 (P010) and Spray Booths #90 - #98 (R128 - R136) shall be vented to the OC control system.

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II. **Operational Restrictions**

- The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
- The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

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

- The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

- All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
- A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

- The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentration in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

- a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
- b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.
3. The permittee shall collect and record on a daily basis the total number of hours this emissions unit was in operation.
4. The permittee shall calculate and record on a daily basis the total organic compound emissions from this emissions unit (see equation in A.V.8).
5. The permittee shall collect and record on an annual basis the total number of hours this emissions unit was in operation.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.
2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.
3. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 21.2 pounds per day and the actual organic compound emissions for each such day.

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V. Testing Requirements

1. Emission Limitations:
 - 100% by weight OC capture efficiency
 - 92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

 - a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions and the capture efficiency and control efficiency limitations for OC emissions. The outlet of the oven shall also be tested to determine the uncontrolled OC emissions from the oven.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while this emissions unit and the associated spray booths are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.
 - e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the

emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.

2. Emission Limitations:
0.060 pound per hour and 0.020 pound per million Btu of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
3. Emission Limitations:
0.057 pound per hour and 0.019 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.
4. Emission Limitations:
0.42 pound per hour and 0.14 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.
5. Emissions Limitation:
0.19 ton per year of particulate emissions

Applicable Compliance Method:
 $E \text{ (tons/yr)} = (\text{allowable hourly emission rate, lbs/hr} \times \text{annual hours of operation, hrs/yr}) / 2,000 \text{ lbs/ton}$
6. Emissions Limitation:
0.18 ton per year of CO emissions

Applicable Compliance Method:
 $E \text{ (tons/yr)} = (\text{allowable hourly emission rate, lbs/hr} \times \text{annual hours of operation, hrs/yr}) / 2,000 \text{ lbs/ton}$
7. Emissions Limitation:
1.31 tons per year of NOx emissions

Applicable Compliance Method:
 $E \text{ (tons/yr)} = (\text{allowable hourly emission rate, lbs/hr} \times \text{annual hours of operation, hrs/yr}) / 2,000 \text{ lbs/ton}$
8. Emissions Limitation:
21.2 pounds per day of OC emissions

Applicable Compliance Method:
 $E \text{ (lbs/day)} = \text{uncontrolled OC emission rate associated with the oven outlet, as determined from emissions testing} \times (1 - \text{destruction efficiency}) \times \text{daily hours of operation}$

Note: The uncontrolled outlet of the oven needs to be tested separately from the incinerator outlet because there are several other emissions units (spray booths) venting to the incinerator.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: P010 Issuance type: Title V Proposed 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>
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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: 0204000060 Emissions Unit ID: R117 Issuance type: Title V Proposed 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>
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#75 Spray Booth on Line #2

OAC rule 3745-31-05(A)(3)
PTI No. 02-1550

8.04 tons per year of OC emissions.

The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-

- | | | |
|--|---------------------------|---|
| | OAC rule 3745-21-07(G)(2) | 17-11, and 3745-21-07. |
| | OAC rule 3745-17-07(A)(1) | See Section A.II.1 below. |
| | | Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule. |
| | OAC rule 3745-17-11(B)(1) | 0.551 pound per hour of particulate emissions. |
2. **Additional Terms and Conditions**
- (a) None

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II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.
2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.
2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

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V. Testing Requirements

1. Emission Limitation:
8.04 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.
2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0204000060 Emissions Unit ID: R117 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R118 Issuance type: Title V Proposed 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>
#76 Spray Booth on Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	8.04 tons per year of OC emissions.
	OAC rule 3745-21-07(G)(2)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-17-07(A)(1)	See Section A.II.1 below. Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

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

0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.
2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.
2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).
5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

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V. Testing Requirements

1. Emission Limitation:
8.04 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.
2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0204000060 Emissions Unit ID: R118 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R119 Issuance type: Title V Proposed 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>
#77 Spray Booth on Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	8.04 tons per year of OC emissions.
	OAC rule 3745-21-07(G)(2) OAC rule 3745-17-07(A)(1)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07. See Section A.II.1 below.
	OAC rule 3745-17-11(B)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule. 0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.
2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.
2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).
5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for

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

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

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V. **Testing Requirements**

1. Emission Limitation:
8.04 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.
2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R119 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R120 Issuance type: Title V Proposed 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>
#78 Spray Booth on Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	8.04 tons per year of OC emissions.
	OAC rule 3745-21-07(G)(2) OAC rule 3745-17-07(A)(1)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07. See Section A.II.1 below. Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

- (a) None

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II. **Operational Restrictions**

- 1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit

is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.
2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).
5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during

which any photochemically reactive materials were employed.

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V. **Testing Requirements**

1. Emission Limitation:
8.04 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.
2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R120 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R121 Issuance type: Title V Proposed 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>
#79 Spray Booth on Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	12.95 tons per year of OC emissions.
	OAC rule 3745-21-07(G)(2)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-17-07(A)(1)	See Section A.II.1 below.
	OAC rule 3745-17-11(B)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule. 0.551 pound per hour of particulate emissions.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

- 1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with

the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.
2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).
5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

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V. **Testing Requirements**

1. Emission Limitation:
12.95 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.
2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R121 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R122 Issuance type: Title V Proposed 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>
#80 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-13650	118.0 pounds per day and 21.5 tons per year of OC emissions.
	OAC rule 3745-21-07(G)(2) OAC rule 3745-17-07(A)(1)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07. See Section A.II.1 below.
	OAC rule 3745-17-11(B)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule. 0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

- 1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

- 2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control

overspray.

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.
2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).
5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.
4. The permittee shall submit deviation (excursion) reports that identify each day during which the OC emissions from the coatings and cleanup materials exceeded 118.0 pounds per day, and the actual organic compound emissions for each such day.

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V. Testing Requirements

1. Emission Limitation:
21.5 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.
2. Emission Limitation:
118.0 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R122 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R123 Issuance type: Title V Proposed 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>
#81 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	9.96 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2) OAC rule 3745-17-07(A)(1)	See Section A.II.1 below. Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

- 1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent

composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.
2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).
5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

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V. Testing Requirements

1. Emission Limitation:
9.96 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.
2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R123 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R124 Issuance type: Title V Proposed 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>
#82 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	9.96 tons per year of OC emissions.
	OAC rule 3745-21-07(G)(2) OAC rule 3745-17-07(A)(1)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07. See Section A.II.1 below.
	OAC rule 3745-17-11(B)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule. 0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

- 1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.
- 2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

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III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.
2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).
5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

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V. Testing Requirements

1. Emission Limitation:
9.96 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R124 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R125 Issuance type: Title V Proposed 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>
#83 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	10.01 tons per year of OC emissions.
	OAC rule 3745-21-07(G)(2)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-17-07(A)(1)	See Section A.II.1 below.
	OAC rule 3745-17-11(B)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule. 0.551 pound per hour of particulate emissions.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.
2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

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

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split"

percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).
5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

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V. Testing Requirements

1. Emission Limitation:
10.01 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.
2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

- 4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0204000060 Emissions Unit ID: R125 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R126 Issuance type: Title V Proposed 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>
#84 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	10.01 tons per year of OC emissions.
	OAC rule 3745-21-07(G)(2)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-17-07(A)(1)	See Section A.II.1 below. Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.
2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

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

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the

associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:
 - a. The company identification for each coating employed.
 - b. The number of gallons of each coating employed.
 - c. The organic compound content of each coating, in pounds per gallon.
 - d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, 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, 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.]
3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).
4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:
 - a. The company identification for each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The organic compound content of each cleanup material, in pounds per gallon.
 - d. The total organic compound emission rate for all cleanup materials, in pounds.
 - e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.
 - f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).
5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.
6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

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V. Testing Requirements

1. Emission Limitation:
10.01 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.
2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.
3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using

the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R126 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R129 Issuance type: Title V Proposed 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>
#91 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-14411	50.88 pounds per day and 9.29 tons per year of OC emissions from this emissions unit for all coatings and cleanup materials employed. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour and 2.41 tons per year of particulate emissions.

2. **Additional Terms and Conditions**

- a. The incinerator OC control system shall not exceed the following:
 - (a) Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

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II. **Operational Restrictions**

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The permittee shall burn only natural gas and/or number two fuel oil in the thermal incinerator.

3. The average OC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a OC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.
4. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.
5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.
6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:
 - a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;
 - b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;
 - c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);
 - d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;
 - e. the direction of air flow through all NDO's shall be into the enclosure;
 - f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and
 - g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

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

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

- a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
 - b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
2. For each day during which the permittee burns a fuel other than natural gas and/or number two fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in the thermal incinerator.
 3. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the OC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

- a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
 - b. The average OC concentration in the exhaust gases from the absorber during each of the eight 3-hour blocks of time during the day.
4. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

- a. The difference in pressure between the permanent total enclosure and the surrounding area(s).
- b. A log or record of operating time for the capture (collection) system, control device, monitoring

equipment, and the associated emissions unit.

5. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:
 - a. The company identification for each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.
 - d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.
 - e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

$$E \text{ (lbs/day)} = \text{Uncontrolled OC emission rate, lbs/day} \times (1 - (\text{CE} / 100))$$
 Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.
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.
7. The permittee shall collect and record on a monthly basis the total number of gallons of coatings employed in this emissions unit, in gallons per month.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or number two fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
3. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average OC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.
4. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.
5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 50.88 pounds per day and the actual organic compound emissions for each such day.

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V. Testing Requirements

1. Emission Limitations:
 - 100% by weight OC capture efficiency
 - 92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

 - a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA,

Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.

2. Emission Limitations:
50.88 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.5 and the testing requirements specified above.
3. Emission Limitations:
9.29 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.5 and shall be the sum of the daily OC emission rates for the calendar year divided by 2,000 pounds per ton.
4. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
5. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
6. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.
7. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.
8. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual

limitation.

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:

This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:

This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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VI. **Miscellaneous Requirements**

1. PTI No. 02-14411 replaces PTI No. 02-7158.

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Facility ID: 0204000060 Emissions Unit ID: R129 Issuance type: Title V Proposed 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>
#91 Paint Booth on Line #1 equipped with a concentrator and thermal incinerator for organic compound emissions control.		Compliance with the Air Toxics Policy.

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. The permit to install for emission unit R129 was evaluated based on the actual 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 using data from the permit to install application and the SCREEN3.0 model. The predicted 1-hour maximum ground-level concentration from the use of the SCREEN3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the

modeling for the "worst case" pollutant:

Pollutant: Naphthalene

TLV (ppm): 10

Maximum Hourly Emission Rate (lbs/hr): 2.12

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 157.9

MAGLC (ug/m3): 1,248

Physical changes to or changes in the method of operation of the emissions unit after its 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 (typically for coatings 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 unit or its 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.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit 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 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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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: 0204000060 Emissions Unit ID: R130 Issuance type: Title V Proposed 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>
#92 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	43.5 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 6.69 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11. The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3). The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3). Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule. 0.551 pounds per hour of particulate emissions.
	OAC rule 3745-21-07(G)(2)	
	OAC rule 3745-21-07(G)(6)	
	OAC rule 3745-17-07(A)(1)	
	OAC rule 3745-17-11(B)(1)	

2. Additional Terms and Conditions

- a. The incinerator OC control system shall not exceed the following:
 - (a) Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

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II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.
3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.
4. The maximum monthly coating usage for this emissions unit shall not exceed 3,500 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 40 gallons.
5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.
6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the

thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:

- a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;
- b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;
- c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);
- d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;
- e. the direction of air flow through all NDO's shall be into the enclosure;
- f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and
- g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

- a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

- a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
- b. The average VOC concentration in the exhaust gases from the adsorber during each of the 8 3-hour blocks of time during the day.

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

- a. The difference in pressure between the permanent total enclosure and the surrounding area(s).
- b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

- a. The company identification for each coating and cleanup material employed.
- b. The number of gallons of each coating and cleanup material employed.
- c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.
- d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

- e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

$$E \text{ (lbs/day)} = \text{Uncontrolled OC emission rate, lbs/day} \times (1 - (\text{CE} / 100))$$

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. 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.
6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.
2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.
3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.
4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.
5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 43.5 pounds per day and the actual organic compound emissions for each such day.
7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 6.69 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

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V. Testing Requirements

1. Emission Limitations:
 - 100% by weight OC capture efficiency
 - 92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

 - a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.
 - e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and

their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.

2. Emission Limitations:
43.5 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.
3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.
6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.
7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
8. Emission Limitation:
6.69 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.
9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore,

provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

- 11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:

This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0204000060 Emissions Unit ID: R130 Issuance type: Title V Proposed 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: 0204000060 Emissions Unit ID: R131 Issuance type: Title V Proposed 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>
#93 Paint Booth on Line #1 equipped with a PTE, condenser and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	9.36 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 4.43 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11. The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3). The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3). Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule. 0.551 pounds per hour of particulate emissions.
	OAC rule 3745-21-07(G)(2)	
	OAC rule 3745-21-07(G)(6)	
	OAC rule 3745-17-07(A)(1)	
	OAC rule 3745-17-11(B)(1)	

2. **Additional Terms and Conditions**

- a. The incinerator OC control system shall not exceed the following:
 - (a) Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

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II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.
3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.
4. The maximum monthly coating usage for this emissions unit shall not exceed 25 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 4 gallons.
5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.
6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:
 - a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;
 - b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;
 - c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);
 - d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;
 - e. the direction of air flow through all NDO's shall be into the enclosure;
 - f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and
 - g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:
 - a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
 - b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:
 - a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
 - b. The average VOC concentration in the exhaust gases from the adsorber during each of the 8 3-hour blocks of time during the day.
3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously

measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

- a. The difference in pressure between the permanent total enclosure and the surrounding area(s).
 - b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:
- a. The company identification for each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.
 - d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.
 - e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:
- $$E \text{ (lbs/day)} = \text{Uncontrolled OC emission rate, lbs/day} \times (1 - (CE / 100))$$
- Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.
5. 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.
 6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.
2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.
3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.
4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.
5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 9.36 pounds per day and the actual organic compound emissions for each such day.
7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 4.43 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

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V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency
- Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.
- The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
- a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months

prior to permit expiration.

b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.

2. Emission Limitations:
9.36 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.
3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.
6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.
7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
8. Emission Limitation:

- 4.43 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.

- 9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

- 10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

- 11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0204000060 Emissions Unit ID: R131 Issuance type: Title V Proposed 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: 0204000060 Issuance type: Title V Proposed Permit

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Facility ID: 0204000060 Emissions Unit ID: R132 Issuance type: Title V Proposed 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>
#94 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	27.1 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 4.43 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance

- | | | |
|--|---------------------------|--|
| | | with the requirements of OAC rules 3745-17-07 and 3745-17-11. |
| | OAC rule 3745-21-07(G)(2) | The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3). |
| | OAC rule 3745-21-07(G)(6) | The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3). |
| | OAC rule 3745-17-07(A)(1) | Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule. |
| | OAC rule 3745-17-11(B)(1) | 0.551 pounds per hour of particulate emissions. |
2. **Additional Terms and Conditions**
- a. The incinerator OC control system shall not exceed the following:
- (a) Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
 CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
 NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

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II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.
3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.
4. The maximum monthly coating usage for this emissions unit shall not exceed 3,500 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 40 gallons.
5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.
6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:
 - a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;
 - b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;
 - c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);
 - d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;
 - e. the direction of air flow through all NDO's shall be into the enclosure;
 - f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and
 - g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:
 - a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

- a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
- b. The average VOC concentration in the exhaust gases from the adsorber during each of the 8 3-hour blocks of time during the day.
3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

- a. The difference in pressure between the permanent total enclosure and the surrounding area(s).
- b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:
- a. The company identification for each coating and cleanup material employed.
- b. The number of gallons of each coating and cleanup material employed.
- c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.
- d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.
- e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

$$E \text{ (lbs/day)} = \text{Uncontrolled OC emission rate, lbs/day} \times (1 - (\text{CE} / 100))$$

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. 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.
6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.
2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.
3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.
4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.
5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 27.1 pounds per day and the actual organic compound emissions for each such day.

7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 4.43 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

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V. **Testing Requirements**

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency
- Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.
- The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
- The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to permit expiration.
 - The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.
 - The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.
 - The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).
- Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
- A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.
2. Emission Limitations:
27.1 pounds per day of OC emissions
- Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.
3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)
- Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)
- Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
5. Emission Limitations:

0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

8. Emission Limitation:
4.43 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.

9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:

This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:

This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:

This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R132 Issuance type: Title V Proposed 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>
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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: 0204000060 Emissions Unit ID: R133 Issuance type: Title V Proposed 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>
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#95 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.

27.1 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed.

The OC content of the coatings, as employed in this emissions unit, shall be limited to 4.43 pounds per gallon before controls.

The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls.

This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight.

The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.1.2.a.

The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.

OAC rule 3745-21-07(G)(2)

The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-21-07(G)(6)

The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-07(A)(1)

Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

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

0.551 pounds per hour of particulate emissions.

2. **Additional Terms and Conditions**

a. The incinerator OC control system shall not exceed the following:

- (a) Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

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II. **Operational Restrictions**

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.
3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.
4. The maximum monthly coating usage for this emissions unit shall not exceed 3,500 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 40 gallons.
5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.
6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:
 - a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;
 - b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;
 - c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);
 - d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;
 - e. the direction of air flow through all NDO's shall be into the enclosure;
 - f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and

- g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

- a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

- a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

- b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

- a. The difference in pressure between the permanent total enclosure and the surrounding area(s).

- b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

- a. The company identification for each coating and cleanup material employed.

- b. The number of gallons of each coating and cleanup material employed.

- c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

- d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

- e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

$$E \text{ (lbs/day)} = \text{Uncontrolled OC emission rate, lbs/day} \times (1 - (\text{CE} / 100))$$

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. 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.
6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.
2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.
3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.
4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.
5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 27.1 pounds per day and the actual organic compound emissions for each such day.
7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 4.43 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

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V. Testing Requirements

1. Emission Limitations:
 - 100% by weight OC capture efficiency
 - 92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

 - a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.
 - e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.
2. Emission Limitations:
 - 27.1 pounds per day of OC emissions

- Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.
3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)
- Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)
- Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions
- Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.
6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions
- Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.
7. Emission Limitation:
20% opacity for visible particulate emissions from any stack
- Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
8. Emission Limitation:
4.43 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material
- Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.
9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)
- Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
10. Emissions Limitation:
1.05 tons per year of CO emissions
- Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
11. Emissions Limitation:
3.15 tons per year of NOx emissions
- Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R133 Issuance type: Title V Proposed 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>
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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: 0204000060 Emissions Unit ID: R134 Issuance type: Title V Proposed 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>
#96 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for PTI No. 02-7158 organic compound emissions control.	OAC rule 3745-31-05(A)(3)	12.5 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed.
		The OC content of the coatings, as employed in this emissions unit, shall be limited to 3.95 pounds per gallon before controls.
		The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls.
		This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight.
		The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.1.2.a.
	OAC rule 3745-21-07(G)(2)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(6)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3). Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pounds per hour of particulate emissions.

2. Additional Terms and Conditions

- a. The incinerator OC control system shall not exceed the following:
 - (a) Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

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II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.
3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.
4. The maximum monthly coating usage for this emissions unit shall not exceed 31 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 4 gallons.
5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control

overspray.

6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:
 - a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;
 - b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;
 - c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);
 - d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;
 - e. the direction of air flow through all NDO's shall be into the enclosure;
 - f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and
 - g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

- a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

- a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
- b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

- a. The difference in pressure between the permanent total enclosure and the surrounding area(s).
- b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

- a. The company identification for each coating and cleanup material employed.
- b. The number of gallons of each coating and cleanup material employed.
- c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

- d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.
- e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:
- $$E \text{ (lbs/day)} = \text{Uncontrolled OC emission rate, lbs/day} \times (1 - (\text{CE} / 100))$$
- Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.
5. 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.
6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.
2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.
3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.
4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.
5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 12.5 pounds per day and the actual organic compound emissions for each such day.
7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 3.95 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

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V. Testing Requirements

1. Emission Limitations:
 - 100% by weight OC capture efficiency
 - 92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

 - a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.
 - e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent

reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.

2. Emission Limitations:
12.5 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.
3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.
6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.
7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
8. Emission Limitation:
3.95 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.
9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:

This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

- 11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:

This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0204000060 Emissions Unit ID: R134 Issuance type: Title V Proposed 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: 0204000060 Issuance type: Title V Proposed Permit

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Facility ID: 0204000060 Emissions Unit ID: R135 Issuance type: Title V Proposed 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>
#97 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	23.6 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 3.95 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pounds per hour of particulate emissions.
2. Additional Terms and Conditions		
a. The incinerator OC control system shall not exceed the following:		
(a) Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year		

NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

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II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.
3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.
4. The maximum monthly coating usage for this emissions unit shall not exceed 2,000 gallons.
The maximum monthly cleanup material usage for this emissions unit shall not exceed 12 gallons.
5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.
6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:
 - a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;
 - b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;
 - c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);
 - d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;
 - e. the direction of air flow through all NDO's shall be into the enclosure;
 - f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and
 - g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
The permittee shall collect and record the following information for each day:
 - a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
 - b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
The permittee shall collect and record the following information each day:
 - a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
 - b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour

blocks of time during the day.

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

- a. The difference in pressure between the permanent total enclosure and the surrounding area(s).
 - b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:
 - a. The company identification for each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.
 - d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.
 - e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

$$E \text{ (lbs/day)} = \text{Uncontrolled OC emission rate, lbs/day} \times (1 - (CE / 100))$$

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. 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.
6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.
2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.
3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.
4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.
5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.
6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 23.6 pounds per day and the actual organic compound emissions for each such day.
7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 3.95 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

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V. Testing Requirements

1. Emission Limitations:
 - 100% by weight OC capture efficiency
 - 92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with

the following requirements:

- a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to permit expiration.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.
- c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
- d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.
- e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.

2. Emission Limitations:
23.6 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.
3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.
6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.
7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using

the methods and procedures specified in U.S. EPA reference method 9.

8. Emission Limitation:
 3.95 pounds of OC per gallon of coating
 6.71 pounds of OC per gallon of cleanup material

 Applicable Compliance Method:
 Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.
9. Emissions Limitation:
 0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

 Applicable Compliance Method:
 This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
10. Emissions Limitation:
 1.05 tons per year of CO emissions

 Applicable Compliance Method:
 This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
11. Emissions Limitation:
 3.15 tons per year of NOx emissions

 Applicable Compliance Method:
 This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204000060 Emissions Unit ID: R135 Issuance type: Title V Proposed 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>
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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: 0204000060 Emissions Unit ID: R136 Issuance type: Title V Proposed 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>
#98 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	23.6 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 3.95 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms

and Conditions A.1.2.a.

The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.

OAC rule 3745-21-07(G)(2)

The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-21-07(G)(6)

The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-07(A)(1)

Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

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

0.551 pounds per hour of particulate emissions.

2. Additional Terms and Conditions

a. The incinerator OC control system shall not exceed the following:

- (a) Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

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II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.
3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.
4. The maximum monthly coating usage for this emissions unit shall not exceed 2,000 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 12 gallons.
5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.
6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:
 - a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;
 - b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;
 - c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);
 - d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;
 - e. the direction of air flow through all NDO's shall be into the enclosure;
 - f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and
 - g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

- a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
- The permittee shall collect and record the following information each day:
- a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
- b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.
3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
- The permittee shall record and maintain the following information on a daily basis:
- a. The difference in pressure between the permanent total enclosure and the surrounding area(s).
- b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:
- a. The company identification for each coating and cleanup material employed.
- b. The number of gallons of each coating and cleanup material employed.
- c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.
- d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.
- e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:
- $$E \text{ (lbs/day)} = \text{Uncontrolled OC emission rate, lbs/day} \times (1 - (CE / 100))$$
- Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.
5. 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.
6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

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IV. Reporting Requirements

- The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.
- The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.
- The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.
- The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.
- The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 23.6 pounds per day and the actual organic compound emissions for each such day.
7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 3.95 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

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V. **Testing Requirements**

1. **Emission Limitations:**
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 3 months after issuance of the permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.
 - e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.
Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date (s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.
2. **Emission Limitations:**
23.6 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.
3. **Emission Limitations:**
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.
4. **Emission Limitation:**
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:

If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.
6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.
7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.
8. Emission Limitation:
3.95 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.
9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.
11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual 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>
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