

Facility ID: 0322020042 Issuance type: Title V Proposed Permit

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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

- The permittee has requested a federally enforceable limitation of 235.6 tons OC per rolling, 365-day period from emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined for purposes of avoiding "Prevention of Significant Deterioration" (PSD) applicability.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

- The permittee shall collect and record the following information each month for this emissions unit:
 - The company identification of each coating and cleanup material employed;
 - The quantity of each coating and cleanup material employed, in gallons;
 - The OC content of each coating and cleanup material employed, in pounds/gallon as applied;
 - The OC emissions from each coating and cleanup material employed, in pounds or tons [the product of A.III.2.b. and A.III.2.c.];
 - The total OC emissions from all the coatings and cleanup materials employed, in tons [summation of d for all coatings and cleanup materials]; and
 - The annual, year to date emissions of OC from all the coatings and cleanup materials employed, in tons.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

- The permittee shall submit deviation (excursion) reports that identify all exceedances of the rolling, 365-day OC emission limitation of 235.6 tons. The deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

- The following insignificant emissions units are located at this facility:

9.75 mmBtu/hour boiler (B005); 9.75 mmBtu/hour boiler (B006); 9.75 mmBtu/hour boiler (B007); 9.75 mmBtu/hour boiler (B008); 9.75 mmBtu/hour boiler (B009); 9.75 mmBtu/hour boiler (B010); 9.75 mmBtu/hour boiler (B011); 9.75 mmBtu/hour boiler (B012); 9.75 mmBtu/hour boiler (B013); 9.75 mmBtu/hour boiler (B014); 9.75 mmBtu/hour boiler (B015); 9.75 mmBtu/hour boiler (B016); 9.75 mmBtu/hour boiler (B017); 9.75 mmBtu/hour boiler (B018); 9.75 mmBtu/hour boiler (B019); 9.75 mmBtu/hour boiler (B020);
[PTI #03-03151]

1.25 mmBtu/hour boiler (B021); 1.25 mmBtu/hour boiler (B022); 1.25 mmBtu/hour boiler (B023); 2.25 mmBtu/hour boiler (B024); 5.75 mmBtu/hour boiler (B025);
[PTI #03-05898]

9.25 mmBtu/hour boiler (B026); 3.00 mmBtu/hour boiler (B027); 4.5 mmBtu/hour boiler (B028);
[PTI #03-06913]

ASEA adhesive (R028); ASEA adhesive (R029); ASEA adhesive (R030); ASEA adhesive (R032); ASEA adhesive (R033); ASEA adhesive (R043); ASEA adhesive (R045); and ASEA adhesive (R046)
[PTI #03-09956 and PTI #03-13961].

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

[OAC rule 3745-77-07(C)(1), PTI #03-03151, PTI #03-05898, PTI #03-06913, PTI #03-09956, and PTI #03-13961]

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b State Only Enforceable Section

1. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements or because they meet the "de minimis" criteria established in OAC rule 3745-15-05:

diesel fuel and gasoline storage tanks/dispensing facility (G001); carbon canister (P051); ASEA urethane (P052); ASEA urethane (P053); ASEA adhesive (R039); ASEA adhesive (R055); paint kitchen (Z002); hot butyl sealant application (Z003); carbon cannister (Z004); maintenance parts cleaners (Z005); and diesel-fired water pumps (Z006).

[OAC rule 3745-77-07(C)(1)]

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0322020042 Emissions Unit ID: R027 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>
UV cure hardcoat coating operation for plastic parts	OAC rule 3745-31-05(A)(3) (PTI No. 03-9956, issued 08-27-1997)	37.5 pounds OC/hr (See A.I.2.a.) The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G).
	OAC rule 3745-31-05(C) (PTI #03-13961, issued 08-26-2003)	235.6 tons OC per rolling, 365-day period (See A.I.2.b)
	OAC rule 3745-21-07(G)	none (Refer to section A.II.1 of the terms and conditions of this permit.)
	OAC rule 3745-17-11(B)	none (Refer to section A.I.2.c of the terms and conditions of this permit.)
	OAC rule 3745-17-07(A)	none (Refer to section A.I.2.d of the terms and conditions of this permit.)

2. Additional Terms and Conditions

- a. The 37.5 pounds OC/hr limitation is based on the emissions unit's potential to emit. Therefore, no monitoring, record keeping and/or reporting requirements are necessary to demonstrate compliance with the hourly OC limitation.
- b. The permittee has requested a federally enforceable limitation of 235.6 tons OC per rolling, 365-day period from emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined for purposes of avoiding "Prevention of Significant Deterioration" (PSD) applicability.
- c. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 pounds/hour. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. In addition, Table I of OAC rule 3745-17-11 does not apply because the facility is located in Erie County, which is identified as a P-3 county.
- d. This emissions unit is exempt from the visible emissions limitations specified in OAC rule 3745-17-07 (A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. Operational Restrictions

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

[OAC rule 3745-77-07(A)(1) and PTI #03-9956]
2. The permittee shall not place any part coated in this emissions unit in an oven in which the coating, or solvent vapor from the coating, comes into contact with flame or is baked, heat-cured, or heat-polymerized, in the presence of oxygen. The determination of whether or not the coating is baked, heat-cured, or heat-

polymerized is based on whether the coating will redissolve in the original solvent mixture. Note: This restriction does not pertain to infrared cure ovens, ultraviolet cure ovens, or thermal cure ovens in which the part is cured in an atmosphere other than oxygen.

[OAC rule 3745-77-07(A)(1) and PTI #03-9956]

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit :
 - a. the company identification of each coating and/or cleanup material employed; and
 - b. the determination of whether or not each coating and/or cleanup material is a photochemically reactive material.

*Note: The coating information must be for the coating materials, as applied, including any thinning solvents added to the coatings at the facility.

[OAC rule 3745-77-07(C)(1) and PTI #03-9956]

2. The permittee shall collect and record the following information for each day for emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined:
 - a. The company identification of each coating and cleanup material employed;
 - b. The quantity of each coating and cleanup material employed, in gallons;
 - c. The OC content of each coating and cleanup material employed, in pounds/gallon, as applied;
 - d. The OC emissions from each coating and cleanup material employed, in pounds or tons [the product of A.III.3.b. and A.III.3.c.];
 - e. The total OC emissions from all the coatings and cleanup materials employed, in tons [summation of A.III.3.d. for all coatings and cleanup materials];
 - f. The rolling, 365-day summation of the daily OC emission rates, in tons.

Note: The coating information must be for the coating materials, as applied, including any thinning solvents added to the coatings at the facility. The permittee is only required to maintain records for cleanup materials which result in the emissions of OC.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each day during which a noncomplying (i.e., photochemically reactive) coating and/or cleanup material was employed in this emissions unit. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-9956]

2. The permittee shall submit deviation (excursion) reports that identify all exceedances of the rolling, 365-day OC emission limitation of 235.6 tons. The deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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V. Testing Requirements

1. Compliance with the emission limitations in section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation:
37.5 lbs OC/hour

Applicable Compliance Method
The hourly OC emission limitation is based on the emission units potential to emit.* Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance.

*The potential to emit is based on a maximum usage rate of 5.0 gallons/hour at a maximum OC content of 7.5 lbs/gallon.

[OAC rule 3745-77-07(C)(1) and PTI #03-9956]

- b. Emission Limitation:
235.6 tons OC per rolling, 365-day period from emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined

Applicable Compliance Method:
Compliance with this limitation shall be determined by record keeping in section A.III.2. of this permit.

The permittee shall determine the composition of the coatings by formulation data supplied by the manufacturer of the coating materials, or from data determined by an analysis of each coating, as received, by Reference Method 24. The Ohio EPA may require the permittee, if it uses formulation data supplied by the manufacturer, to determine data used in the calculation of the VOC content of coating materials by Reference Method 24 or an equivalent or alternative method.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0322020042 Emissions Unit ID: R027 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>
UV cure hardcoat coating operation for plastic parts	none	none

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: 0322020042 Emissions Unit ID: R051 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>
Thierica clearcoat line for plastic parts	OAC rule 3745-31-05(A)(3) (PTI No. 03-9956, issued 08-27-1997)	37.5 pounds OC/hr (See A.I.2.a.) The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G).
	OAC rule 3745-31-05(C) (PTI #03-13961, issued 08-26-2003)	235.6 tons OC per rolling, 365-day period (See A.I.2.b)
	OAC rule 3745-21-07(G)	none (Refer to section A.II.1 of the terms and conditions of this permit.)
	OAC rule 3745-17-11(B)	none (Refer to section A.I.2.c of the terms and conditions of this permit.)
	OAC rule 3745-17-07(A)	none (Refer to section A.I.2.d of the terms and conditions of this permit.)

2. **Additional Terms and Conditions**

- a. The 37.5 pounds OC/hr limitation is based on the emissions unit's potential to emit. Therefore, no monitoring, record keeping and/or reporting requirements are necessary to demonstrate compliance with the hourly OC limitation.
- b. The permittee has requested a federally enforceable limitation of 235.6 tons OC per rolling, 365-day period from emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined for purposes of avoiding "Prevention of Significant Deterioration" (PSD) applicability.
- c. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 pounds/hour. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. In addition, Table I of OAC rule 3745-17-11 does not apply because the facility is located in Erie County, which is identified as a P-3 county.
- d. This emissions unit is exempt from the visible emissions limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

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II. **Operational Restrictions**

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

[OAC rule 3745-77-07(A)(1) and PTI #03-9956]

2. The permittee shall not place any part coated in this emissions unit in an oven in which the coating, or solvent vapor from the coating, comes into contact with flame or is baked, heat-cured, or heat-polymerized, in the presence of oxygen. The determination of whether or not the coating is baked, heat-cured, or heat-polymerized is based on whether the coating will redissolve in the original solvent mixture. Note: This restriction does not pertain to infrared cure ovens, ultraviolet cure ovens, or thermal cure ovens in which the part is cured in an atmosphere other than oxygen.

[OAC rule 3745-77-07(A)(1) and PTI #03-9956]

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit :
 - a. the company identification of each coating and/or cleanup material employed; and
 - b. the determination of whether or not each coating and/or cleanup material is a photochemically reactive material.

*Note: The coating information must be for the coating materials, as applied, including any thinning solvents added to the coatings at the facility.

[OAC rule 3745-77-07(C)(1) and PTI #03-9956]

2. The permittee shall collect and record the following information for each day for emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined:
 - a. The company identification of each coating and cleanup material employed;
 - b. The quantity of each coating and cleanup material employed, in gallons;
 - c. The OC content of each coating and cleanup material employed, in pounds/gallon, as applied;
 - d. The OC emissions from each coating and cleanup material employed, in pounds or tons [the product of A.III.3.b. and A.III.3.c.];
 - e. The total OC emissions from all the coatings and cleanup materials employed, in tons [summation of A.III.3.d. for all coatings and cleanup materials];
 - f. The rolling, 365-day summation of the daily OC emission rates, in tons.

Note: The coating information must be for the coating materials, as applied, including any thinning solvents added to the coatings at the facility. The permittee is only required to maintain records for cleanup materials which result in the emissions of OC.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each day during which a noncomplying (i.e., photochemically reactive) coating and/or cleanup material was employed in this emissions unit. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-9956]

2. The permittee shall submit deviation (excursion) reports that identify all exceedances of the rolling, 365-day OC emission limitation of 235.6 tons. The deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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V. Testing Requirements

1. Compliance with the emission limitations in section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation:
37.5 lbs OC/hour

Applicable Compliance Method

The hourly OC emission limitation is based on the emission units potential to emit.* Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance.

*The potential to emit is based on a maximum usage rate of 5.0 gallons/hour at a maximum OC content of 7.5 lbs/gallon.

[OAC rule 3745-77-07(C)(1) and PTI #03-9956]

b. Emission Limitation:

235.6 tons OC per rolling, 365-day period from emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined

Applicable Compliance Method:

Compliance with this limitation shall be determined by record keeping in section A.III.2. of this permit.

The permittee shall determine the composition of the coatings by formulation data supplied by the manufacturer of the coating materials, or from data determined by an analysis of each coating, as received, by Reference Method 24. The Ohio EPA may require the permittee, if it uses formulation data supplied by the manufacturer, to determine data used in the calculation of the VOC content of coating materials by Reference Method 24 or an equivalent or alternative method.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0322020042 Emissions Unit ID: R051 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>
Thierica clearcoat line for plastic parts	none	none
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: 0322020042 Emissions Unit ID: R057 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>
Ultraviolet cure clearcoating line no. 4	OAC rule 3745-31-05(A)(3) (PTI #03-13961, issued 08/26/2003) OAC rule 3745-31-05(C) (PTI #03-13961, issued 08/26/2003)	38.25 lbs organic compounds (OC)/hour and 38.0 tons OC/year (is inclusive of clean-up materials) 235.6 tons OC per rolling, 365-day period (See A.I.2.a)
	OAC rule 3745-21-07(G)	none (See A.II.1.)

2. Additional Terms and Conditions

- a. The permittee has requested a federally enforceable limitation of 235.6 tons OC per rolling, 365-day period from emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined for purposes of avoiding "Prevention of Significant Deterioration" (PSD) applicability.
- b. For the purposes of federal enforceability OC limitations effectively restrict VOC emissions.

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II. Operational Restrictions

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

[OAC rule 3745-77-07(A)(1) and PTI #03-13961]

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III. Monitoring and/or Record Keeping Requirements

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

- a. The company identification of each coating and cleanup material employed; and
 - b. The determination of whether or not each coating and cleanup material is a photochemically reactive material.
- [OAC rule 3745-77-07(C)(1) and PTI #03-13961]
- 2. The permittee shall collect and record the following information each month for this emissions unit:
 - a. The company identification of each coating and cleanup material employed;
 - b. The quantity of each coating and cleanup material employed, in gallons;
 - c. The OC content of each coating and cleanup material employed, in pounds/gallon as applied;
 - d. The OC emissions from each coating and cleanup material employed, in pounds or tons [the product of A.III.2.b. and A.III.2.c.];
 - e. The total OC emissions from all the coatings and cleanup materials employed, in tons [summation of d for all coatings and cleanup materials]; and
 - f. The annual, year to date emissions of OC from all the coatings and cleanup materials employed, in tons.
- [OAC rule 3745-77-07(C)(1) and PTI #03-13961]
- 3. The permittee shall collect and record the following information for each day for emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined:
 - a. The company identification of each coating and cleanup material employed;
 - b. The quantity of each coating and cleanup material employed, in gallons;
 - c. The OC content of each coating and cleanup material employed, in pounds/gallon, as applied;
 - d. The OC emissions from each coating and cleanup material employed, in pounds or tons [the product of A.III.3.b. and A.III.3.c.];
 - e. The total OC emissions from all the coatings and cleanup materials employed, in tons [summation of A.III.3.d. for all coatings and cleanup materials];
 - f. The rolling, 365-day summation of the daily OC emission rates, in tons.

Note: The coating information must be for the coating materials, as applied, including any thinning solvents added to the coatings at the facility. The permittee is only required to maintain records for cleanup materials which result in the emissions of OC.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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IV. Reporting Requirements

- 1. The permittee shall submit deviation (excursion) reports that identify all exceedances of the rolling, 365-day OC emission limitation of 235.6 tons. The deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c. of the General Terms and Conditions of this permit.
- [OAC rule 3745-77-07(C)(1) and PTI #03-13961]
- 2. The permittee shall submit an annual written report of any deviation (excursion) from the annual emission limitation of 38.0 tons OC/year. If no deviations occurred during a calendar year, the permittee shall submit an annual report, which states that no deviations occurred during that calendar year. The reports shall be submitted annually, by January 31 of each year and shall cover the previous calendar year.
- [OAC rule 3745-77-07(C)(1) and PTI #03-13961]
- 3. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of photochemically reactive materials. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days following the end of the calendar month.
- [OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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V. Testing Requirements

- 1. Compliance with the emission limitations in section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation:
38.25 lbs OC/hour

Applicable Compliance Method

The hourly OC emission limitation is based on the emission units potential to emit.* Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance.

*The potential to emit is based on a maximum usage rate of 5.0 gallons/hour at a maximum OC content of 7.65 lbs/gallon.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

- b. Emission Limitation:
38.0 tons OC/year

Applicable Compliance Method:
Compliance with this limitation shall be determined by record keeping in section A.III.2. of this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

- c. Emission Limitation:
235.6 tons OC per rolling, 365-day period from emissions units R027, R028, R029, R030, R032, R033, R039, R043, R045, R046, R051, R055, R057, P052, and P053, combined

Applicable Compliance Method:
Compliance with this limitation shall be determined by record keeping in section A.III.3. of this permit.

The permittee shall determine the composition of the coatings by formulation data supplied by the manufacturer of the coating materials, or from data determined by an analysis of each coating, as received, by Reference Method 24. The Ohio EPA may require the permittee, if it uses formulation data supplied by the manufacturer, to determine data used in the calculation of the VOC content of coating materials by Reference Method 24 or an equivalent or alternative method.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0322020042 Emissions Unit ID: R057 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>
Ultraviolet cure clearcoating line no. 4	see below	see below
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 this emissions unit R057 was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application, the Industrial Source Complex - Short Term III models. The predicted 1-hour maximum ground-level concentration from the use of the models was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutants:

Pollutant: Propylene Glycol Monomethyl Ether

TLV (mg/m3): 369

Maximum Hourly Emission Rate (lbs/hr): 37.6

Predicted 1 Hour Maximum Ground-Level Concentration at or beyond the Fenceline (ug/m3): 322

Maximum Acceptable Ground-Level Concentration (MAGLC) (ug/m3): 8786

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

2. 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 compositions 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.).

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

3. 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 evaluation 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 was performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

[OAC rule 3745-77-07(C)(1) and PTI #03-13961]

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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