

Facility ID: 0204020430 Issuance type: Final State Permit To Operate

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 II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

- [Go to Part II for Emissions Unit R001](#)
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- [Go to Part II for Emissions Unit R003](#)
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Facility ID: 0204020430 Emissions Unit ID: R001 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. 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>
Binks 12-gun, automatic spray/coating booth with infra-red drying oven (Spray Machine #1)--R001	OAC rule 3745-31-05(A)(3) OEPA PTI #02-3045	VOC emissions from this emissions unit shall not exceed:  a. 650.4 lbs/day; and  b. 45.0 tons per year.
	OAC rule 3745-21-07(G) OAC rule 3745-31-05(D); Synthetic minor to avoid Title V Operating Permit requirements.	See Section B.1. below. VOC emissions from this facility shall not exceed 45.0 TPY on a rolling 12-month summation basis (See Section A.2.a ).  Facility HAPs emissions--See A.2.b.

**2. Additional Terms and Conditions**

- (a) Total emissions of volatile organic compounds (VOC) from all the emissions units at this facility (R001 through R004) shall not exceed 45.0 tons per year on a rolling, 12-month summation basis. At a weighted average VOC solvent content of 0.62 lb/gallon of coating (per PTI application data) this restriction is equivalent to a limitation of 145,161 gallons per year of coatings and solvent based cleanup materials for this facility (emissions units R001 through R004).  
Total emissions of hazardous air pollutants (HAPs) from all the emissions units at this facility (R001 through R004) shall not exceed 1.0 TPY for any single HAP and no more than 2.0 TPY from any combination of hazardous air pollutants.  
This emissions unit shall be operated and maintained in accordance with manufacturer's recommendations. Spray booth exhaust filters shall be maintained (changed or cleaned) regularly per manufacturer's recommendations in order to maintain the highest effective level of particulate emissions control. Maintenance of exhaust filters (cleaning and/or changing of filter elements) shall be recorded in an operations log maintained at the facility.

**B. 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 field 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. The maximum quantity of coatings and solvent based cleanup materials to be employed in emissions units R001 through R004 shall not exceed 145,161 gallons per year based on a rolling 12-month summation.

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

1. The permittee shall collect and record the following information for each day for the coating operation:

- a. The company identification for each coating and cleanup material employed.
  - b. The number of gallons of each coating and cleanup material employed.
  - c. The volatile organic compound (VOC) content of each coating and cleanup material, in lbs/gallon.
  - d. The total VOC emission rate for all coatings and cleanup materials, in lbs/day.
2. The permittee shall collect and/or calculate and record the following information for each month for all the emissions units collectively at this facility:
- a. The total number of gallons of each coating and cleanup material used in all emission units in this facility, both individually and collectively, during the month;
  - b. The VOC content of each coating and cleanup material used in each emissions unit in lbs/gal.
  - c. The total number of hours of operation for each emissions unit during the month.
  - d. The total combined VOC emissions rate for all coatings and cleanup materials used in all emissions units within this facility in both lbs/hr and tons per year on a rolling 12-month summation basis.
  - e. The total combined gallons of all coatings and cleanup materials used in all emissions units within this facility on a rolling 12-month summation basis.
3. The permittee shall collect and record the following information each month:
- a. The name and identification number of each coating, as applied.
  - b. The individual Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of individual HAP per gallon of coating, as applied.
  - c. The total combined Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from b).
  - d. The number of gallons of each coating employed.
  - e. The name and identification of each cleanup material employed.
  - f. The individual HAP content for each HAP of each cleanup material in pounds of individual HAP per gallon of cleanup material, as applied.
  - g. The total combined HAP content of each cleanup material in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from f).
  - h. The number of gallons of each cleanup material employed.
  - i. The total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per rolling 12 month period (for each HAP the sum of b times d for each coating and the sum of f times h for each cleanup material).
  - j. The total combined Hazardous Air Pollutant (HAP) emissions from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per rolling 12 month period (the sum of c times d for each coating plus the sum of g times h for each cleanup material).
- A listing of the Hazardous Air Pollutants (HAPs) can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact. Material Safety Data Sheets typically include a listing of the solvents contained in the coatings or cleanup materials. This information does not have to be kept on a line-by-line basis.
4. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed, for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.
5. The permit to install for this emissions unit (R001) 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 and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):
- Pollutant: Propylene Glycol Methyl Ether
- TLV (mg/m3): 606
- Maximum Hourly Emission Rate (lbs/hr): 24.2
- Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 1504.23  
(Combined total of emissions from R001 through R004)
- MAGLC (ug/m3): 14,430

6. 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.
7. 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.

**D. Reporting Requirements**

1. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports which include the following information:
  - a. An identification of each day during which the VOC emissions from the coatings and cleanup materials employed in this emissions unit exceeded 650.4 lbs/day, and the actual VOC emissions for each such day.
  - b. An identification of each month during which the combined VOC emissions from all emissions units at this facility exceeded 45.0 tons per year on a rolling 12-month summation basis and the actual combined facility 12-month rolling summation VOC emissions rate for that month.
  - c. An identification of each month during which the combined HAP emissions from all emissions units at this facility exceeded 1.0 TPY for any single HAP or 2.0 TPY of any combination of HAPs on a rolling 12-month summation basis and the actual combined facility 12-month summation of single and combined HAP emissions for that month.
  - d. An identification of each month during which the combined volume of coatings employed in all emissions units at this facility exceeded 145,161 gallons on a rolling 12-month summation basis and the actual combined facility 12-month rolling summation volume of coatings employed for that month.
2. The permittee shall also submit annual reports which specify the total VOC emissions and the total HAP emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emission Limitation: VOC emissions from this emissions unit shall not exceed 650.4 lbs/day.  
  
Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.1.
  - b. Emission Limitation: VOC emissions from this emissions unit shall not exceed 45.0 TPY.  
  
Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.1 and shall be the sum of the 365 daily emission rates for the calendar year. Compliance shall further be based on the application of the weighted average VOC content per gallon of coating employed to the total annual gallons of coatings employed in this emissions unit as recorded on a rolling 12-month summation basis.
2. Compliance with the emission limitation(s) in section A.2.a of these terms and conditions shall be determined in accordance with the following method(s):  
  
Emission Limitation: VOC emissions from all emissions units at this facility shall not exceed 45.0 TPY; further, the total volume of coatings employed by all emissions units at this facility shall not exceed 145,161 on a rolling 12-month summation basis.  
  
Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.2 and shall be the sum of the 365 daily emission rates for all emissions units within this facility for the calendar year. Compliance shall further be based on the application of the weighted average VOC content per

gallon of coating employed to the total annual gallons of coatings employed in this emissions unit as recorded on a rolling 12-month summation basis.

3. Compliance with the emission limitation(s) in section A.2.b of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation: HAP emissions from all emissions units at this facility shall not exceed 1.0 TPY for any single HAP or 2.0 TPY for any combination of HAPs.

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.3 and shall be the sum of the 365 daily emission rates for all emissions units within this facility for the calendar year.

4. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials.

**F. Miscellaneous Requirements**

1. The following sections of these terms and conditions shall be federally enforceable: A.1, A.2.a, A.2.b, A.2.c, B.1, B.2, C.1.a, C.1.b, C.1.c, C.1.d, C.2.a, C.2.b, C.2.c, C.2.d, C.2.e, C.3.a, C.3.b, C.3.c, C.3.d, C.3.e, C.3.f, C.3.g, C.3.h, C.3.i, C.3.j, C.5, D.1.a, D.1.b, D.1.c, D.1.d, D.2, D.3, D.4, E.1.a, E.1.b, E.2, E.3, and E.4.

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Facility ID: 0204020430 Emissions Unit ID: R002 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. 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>
Binks 12-gun, automatic spray/coating booth with infra-red drying oven (Spray Machine #2)--R002	OAC rule 3745-31-05(A)(3) OEPA PTI #02-3045	VOC emissions from this emissions unit shall not exceed:  a. 650.4 lbs/day; and b. 45.0 tons per year.
	OAC rule 3745-21-07(G) OAC rule 3745-31-05(D); Synthetic minor to avoid Title V Operating Permit requirements.	See Section B.1. below. VOC emissions from this facility shall not exceed 45.0 TPY on a rolling 12-month summation basis (See Section A.2.a ).  Facility HAPs emissions?See A.2.b.

**2. Additional Terms and Conditions**

- (a) Total emissions of volatile organic compounds (VOC) from all the emissions units at this facility (R001 through R004) shall not exceed 45.0 tons per year on a rolling, 12-month summation basis. At a weighted average VOC solvent content of 0.62 lb/gallon of coating (per PTI application data) this restriction is equivalent to a limitation of 145,161 gallons per year of coatings and solvent based cleanup materials for this facility (emissions units R001 through R004).  
Total emissions of hazardous air pollutants (HAPs) from all the emissions units at this facility (R001 through R004) shall not exceed 1.0 TPY for any single HAP and no more than 2.0 TPY from any combination of hazardous air pollutants.  
This emissions unit shall be operated and maintained in accordance with manufacturer's recommendations. Spray booth exhaust filters shall be maintained (changed or cleaned) regularly per manufacturer's recommendations in order to maintain the highest effective level of particulate emissions control. Maintenance of exhaust filters (cleaning and/or changing of filter elements) shall be recorded in an operations log maintained at the facility.

**B. 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 field 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. The maximum quantity of coatings and solvent based cleanup materials to be employed in emissions units R001 through R004 shall not exceed 145,161 gallons per year based on a rolling 12-month summation.
- C. Monitoring and/or Record Keeping Requirements**
1. The permittee shall collect and record the following information for each day for the coating operation:
    - a. The company identification for each coating and cleanup material employed.
    - b. The number of gallons of each coating and cleanup material employed.
    - c. The volatile organic compound (VOC) content of each coating and cleanup material, in lbs/gallon.
    - d. The total VOC emission rate for all coatings and cleanup materials, in lbs/day.
  2. The permittee shall collect and/or calculate and record the following information for each month for all the emissions units collectively at this facility:
    - a. The total number of gallons of each coating and cleanup material used in all emission units in this facility, both individually and collectively, during the month;
    - b. The VOC content of each coating and cleanup material used in each emissions unit in lbs/gal.
    - c. The total number of hours of operation for each emissions unit during the month.
    - d. The total combined VOC emissions rate for all coatings and cleanup materials used in all emissions units within this facility in both lbs/hr and tons per year on a rolling 12-month summation basis.
    - e. The total combined gallons of all coatings and cleanup materials used in all emissions units within this facility on a rolling 12-month summation basis.
  3. The permittee shall collect and record the following information each month:
    - a. The name and identification number of each coating, as applied.
    - b. The individual Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of individual HAP per gallon of coating, as applied.
    - c. The total combined Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from b).
    - d. The number of gallons of each coating employed.
    - e. The name and identification of each cleanup material employed.
    - f. The individual HAP content for each HAP of each cleanup material in pounds of individual HAP per gallon of cleanup material, as applied.
    - g. The total combined HAP content of each cleanup material in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from f).
    - h. The number of gallons of each cleanup material employed.
    - i. The total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per rolling 12 month period (for each HAP the sum of b times d for each coating and the sum of f times h for each cleanup material).
    - j. The total combined Hazardous Air Pollutant (HAP) emissions from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per rolling 12 month period (the sum of c times d for each coating plus the sum of g times h for each cleanup material).

A listing of the Hazardous Air Pollutants (HAPs) can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact. Material Safety Data Sheets typically include a listing of the solvents contained in the coatings or cleanup materials. This information does not have to be kept on a line-by-line basis.
  4. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed, for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.
  5. The permit to install for this emissions unit (R002) 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 and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Propylene Glycol Methyl Ether

TLV (mg/m3): 606

Maximum Hourly Emission Rate (lbs/hr): 24.2

Predicted 1-Hour Maximum Ground-Level  
Concentration (ug/m3): 1504.23  
(Combined total of emissions from R001 through R004)

MAGLC (ug/m3): 14,430

6. 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 still 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.

7. 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.

#### D. Reporting Requirements

1. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports which include the following information:

a. An identification of each day during which the VOC emissions from the coatings and cleanup materials employed in this emissions unit exceeded 650.4 lbs/day, and the actual VOC emissions for each such day.

b. An identification of each month during which the combined VOC emissions from all emissions units at this facility exceeded 45.0 tons per year on a rolling 12-month summation basis and the actual combined facility 12-month rolling summation VOC emissions rate for that month.

c. An identification of each month during which the combined HAP emissions from all emissions units at this facility exceeded 1.0 TPY for any single HAP or 2.0 TPY of any combination of HAPs on a rolling 12-month summation basis and the actual combined facility 12-month summation of single and combined HAP emissions for that month.

d. An identification of each month during which the combined volume of coatings employed in all emissions units at this facility exceeded 145,161 gallons on a rolling 12-month summation basis and the actual combined facility 12-month rolling summation volume of coatings employed for that month.

2. The permittee shall also submit annual reports which specify the total VOC emissions and the total HAP emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

#### E. Testing Requirements

1. Compliance with the emission limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation: VOC emissions from this emissions unit shall not exceed 650.4 lbs/day.

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.1.

b. Emission Limitation: VOC emissions from this emissions unit shall not exceed 45.0 TPY.

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.1 and shall be the sum of the 365 daily emission rates for the calendar year. Compliance shall further be

based on the application of the weighted average VOC content per gallon of coating employed to the total annual gallons of coatings employed in this emissions unit as recorded on a rolling 12-month summation basis.

- 2. Compliance with the emission limitation(s) in section A.2.a of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation: VOC emissions from all emissions units at this facility shall not exceed 45.0 TPY; further, the total volume of coatings employed by all emissions units at this facility shall not exceed 145,161 on a rolling 12-month summation basis.

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.2 and shall be the sum of the 365 daily emission rates for all emissions units within this facility for the calendar year. Compliance shall further be based on the application of the weighted average VOC content per gallon of coating employed to the total annual gallons of coatings employed in this emissions unit as recorded on a rolling 12-month summation basis.

- 3. Compliance with the emission limitation(s) in section A.2.b of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation: HAP emissions from all emissions units at this facility shall not exceed 1.0 TPY for any single HAP or 2.0 TPY for any combination of HAPs.

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.3 and shall be the sum of the 365 daily emission rates for all emissions units within this facility for the calendar year.

- 4. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials.

**F. Miscellaneous Requirements**

- 1. The following sections of these terms and conditions shall be federally enforceable: A.1, A.2.a, A.2.b, A.2.c, B.1, B.2, C.1.a, C.1.b, C.1.c, C.1.d, C.2.a, C.2.b, C.2.c, C.2.d, C.2.e, C.3.a, C.3.b, C.3.c, C.3.d, C.3.e, C.3.f, C.3.g, C.3.h, C.3.i, C.3.j, C.5, D.1.a, D.1.b, D.1.c, D.1.d, D.2, D.3, D.4, E.1.a, E.1.b, E.2, E.3, and E.4.

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Facility ID: 0204020430 Emissions Unit ID: R003 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

- (a) None.

- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

- (a) None.

**A. 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>
Binks 12-gun, automatic spray/coating booth with infra-red drying oven (Spray Machine #3)--R003	OAC rule 3745-31-05(A)(3) OEPA PTI #02-3045	VOC emissions from this emissions unit shall not exceed:  a. 650.4 lbs/day; and  b. 45.0 tons per year.
	OAC rule 3745-21-07(G) OAC rule 3745-31-05(D); Synthetic minor to avoid Title V Operating Permit requirements.	See Section B.1 below. VOC emissions from this facility shall not exceed 45.0 TPY on a rolling 12-month summation basis (See Section A.2.a ).  Facility HAPs emissions?See A.2.b.

- 2. **Additional Terms and Conditions**

- (a) Total emissions of volatile organic compounds (VOC) from all the emissions units at this facility (R001

through R004) shall not exceed 45.0 tons per year on a rolling, 12-month summation basis. At a weighted average VOC solvent content of 0.62 lb/gallon of coating (per PTI application data) this restriction is equivalent to a limitation of 145,161 gallons per year of coatings and solvent based cleanup materials for this facility (emissions units R001 through R004).

Total emissions of hazardous air pollutants (HAPs) from all the emissions units at this facility (R001 through R004) shall not exceed 1.0 TPY for any single HAP and no more than 2.0 TPY from any combination of hazardous air pollutants.

This emissions unit shall be operated and maintained in accordance with manufacturer's recommendations. Spray booth exhaust filters shall be maintained (changed or cleaned) regularly per manufacturer's recommendations in order to maintain the highest effective level of particulate emissions control. Maintenance of exhaust filters (cleaning and/or changing of filter elements) shall be recorded in an operations log maintained at the facility.

**B. 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 field 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. The maximum quantity of coatings and solvent based cleanup materials to be employed in emissions units R001 through R004 shall not exceed 145,161 gallons per year based on a rolling 12-month

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

1. The permittee shall collect and record the following information for each day for the coating operation:
  - a. The company identification for each coating and cleanup material employed.
  - b. The number of gallons of each coating and cleanup material employed.
  - c. The volatile organic compound (VOC) content of each coating and cleanup material, in lbs/gallon.
  - d. The total VOC emission rate for all coatings and cleanup materials, in lbs/day.
2. The permittee shall collect and/or calculate and record the following information for each month for all the emissions units collectively at this facility:
  - a. The total number of gallons of each coating and cleanup material used in all emission units in this facility, both individually and collectively, during the month;
  - b. The VOC content of each coating and cleanup material used in each emissions unit in lbs/gal.
  - c. The total number of hours of operation for each emissions unit during the month.
  - d. The total combined VOC emissions rate for all coatings and cleanup materials used in all emissions units within this facility in both lbs/hr and tons per year on a rolling 12-month summation basis.
  - e. The total combined gallons of all coatings and cleanup materials used in all emissions units within this facility on a rolling 12-month summation basis.
3. The permittee shall collect and record the following information each month:
  - a. The name and identification number of each coating, as applied.
  - b. The individual Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of individual HAP per gallon of coating, as applied.
  - c. The total combined Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from b).
  - d. The number of gallons of each coating employed.
  - e. The name and identification of each cleanup material employed.
  - f. The individual HAP content for each HAP of each cleanup material in pounds of individual HAP per gallon of cleanup material, as applied.
  - g. The total combined HAP content of each cleanup material in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from f).
  - h. The number of gallons of each cleanup material employed.
    - i. The total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per rolling 12 month period (for each HAP the sum of b times d for each coating and the sum of f times h for each cleanup material).
    - j. The total combined Hazardous Air Pollutant (HAP) emissions from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per rolling 12 month period (the sum of c times d for each coating plus the sum of g times h for each cleanup material).

A listing of the Hazardous Air Pollutants (HAPs) can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact. Material Safety Data Sheets typically include a listing of the solvents contained in the coatings or cleanup materials. This information does not have to be kept on a line-by-line basis.

4. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed, for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.
5. The permit to install for this emissions unit (R003) 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 and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Proplene Glycol Methyl Ether

TLV (mg/m3): 606

Maximum Hourly Emission Rate (lbs/hr): 24.2

Predicted 1-Hour Maximum Ground-Level

Concentration (ug/m3): 1504.23

(Combined total of emissions from R001 through R004)

MAGLC (ug/m3): 14,430

6. 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 still 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.
7. 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.

**D. Reporting Requirements**

1. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports which include the following information:
  - a. An identification of each day during which the VOC emissions from the coatings and cleanup materials employed in this emissions unit exceeded 650.4 lbs/day, and the actual VOC emissions for each such day.
  - b. An identification of each month during which the combined VOC emissions from all emissions units at this facility exceeded 45.0 tons per year on a rolling 12-month summation basis and the actual combined facility 12-month rolling summation VOC emissions rate for that month.
  - c. An identification of each month during which the combined HAP emissions from all emissions units at this facility exceeded 1.0 TPY for any single HAP or 2.0 TPY of any combination of HAPs on a rolling 12-month summation basis and the actual combined facility 12-month summation of single and combined HAP emissions for that month.
  - d. An identification of each month during which the combined volume of coatings employed in all emissions units at this facility exceeded 145,161 gallons on a rolling 12-month summation basis and the actual combined facility 12-month rolling summation volume of coatings employed for that month.
2. The permittee shall also submit annual reports which specify the total VOC emissions and the total HAP emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emission Limitation: VOC emissions from this emissions unit shall not exceed 650.4 lbs/day.  
  
Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.1.
  - b. Emission Limitation: VOC emissions from this emissions unit shall not exceed 45.0 TPY.  
  
Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.1 and shall be the sum of the 365 daily emission rates for the calendar year. Compliance shall further be based on the application of the weighted average VOC content per gallon of coating employed to the total annual gallons of coatings employed in this emissions unit as recorded on a rolling 12-month summation basis.
2. Compliance with the emission limitation(s) in section A.2.a of these terms and conditions shall be determined in accordance with the following method(s):  
  
Emission Limitation: VOC emissions from all emissions units at this facility shall not exceed 45.0 TPY; further, the total volume of coatings employed by all emissions units at this facility shall not exceed 145,161 on a rolling 12-month summation basis.  
  
Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.2 and shall be the sum of the 365 daily emission rates for all emissions units within this facility for the calendar year. Compliance shall further be based on the application of the weighted average VOC content per gallon of coating employed to the total annual gallons of coatings employed in this emissions unit as recorded on a rolling 12-month summation basis.
3. Compliance with the emission limitation(s) in section A.2.b of these terms and conditions shall be determined in accordance with the following method(s):  
  
Emission Limitation: HAP emissions from all emissions units at this facility shall not exceed 1.0 TPY for any single HAP or 2.0 TPY for any combination of HAPs.  
  
Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.3 and shall be the sum of the 365 daily emission rates for all emissions units within this facility for the calendar year.
4. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials.

**F. Miscellaneous Requirements**

1. The following sections of these terms and conditions shall be federally enforceable: A.1, A.2.a, A.2.b, A.2.c, B.1, B.2, C.1.a, C.1.b, C.1.c, C.1.d, C.2.a, C.2.b, C.2.c, C.2.d, C.2.e, C.3.a, C.3.b, C.3.c, C.3.d, C.3.e, C.3.f, C.3.g, C.3.h, C.3.i, C.3.j, C.5, D.1.a, D.1.b, D.1.c, D.1.d, D.2, D.3, D.4, E.1.a, E.1.b, E.2, E.3, and E.4.

\*\*\*THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION\*\*\*

Facility ID: 0204020430 Emissions Unit ID: R004 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. 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>
Roll Coating Booth / R004	OAC rule 3745-31-05(A)(3) OEPA PTI #02-3045	VOC emissions from this emissions unit shall not exceed:

a. 87.4 lbs/day; and

b. 16.0 tons per year.

OAC rule 3745-21-07(G)

See Section B.1 below.

OAC rule 3745-31-05(D); Synthetic minor to avoid Title V Operating Permit requirements.

VOC emissions from this facility shall not exceed 45.0 TPY on a rolling 12-month summation basis (See Section A.2.a ).

Facility HAPs emissions--See A.2.b.

**2. Additional Terms and Conditions**

- (a) Total emissions of volatile organic compounds (VOC) from all the emissions units at this facility (R001 through R004) shall not exceed 45.0 tons per year on a rolling, 12-month summation basis. At a weighted average VOC solvent content of 0.62 lb/gallon of coating (per PTI application data) this restriction is equivalent to a limitation of 145,161 gallons per year of coatings and solvent based cleanup materials for this facility (emissions units R001 through R004).  
Total emissions of hazardous air pollutants (HAPs) from all the emissions units at this facility (R001 through R004) shall not exceed 1.0 TPY for any single HAP and no more than 2.0 TPY from any combination of hazardous air pollutants.

**B. 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 field 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. The maximum quantity of coatings and solvent based cleanup materials to be employed in emissions units R001 through R004 shall not exceed 145,161 gallons per year based on a rolling 12-month summation.

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

1. The permittee shall collect and record the following information for each day for the coating operation:
  - a. The company identification for each coating and cleanup material employed.
  - b. The number of gallons of each coating and cleanup material employed.
  - c. The volatile organic compound (VOC) content of each coating and cleanup material, in lbs/gallon.
  - d. The total VOC emission rate for all coatings and cleanup materials, in lbs/day.
2. The permittee shall collect and/or calculate and record the following information for each month for all the emissions units collectively at this facility:
  - a. The total number of gallons of each coating and cleanup material used in all emission units in this facility, both individually and collectively, during the month;
  - b. The VOC content of each coating and cleanup material used in each emissions unit in lbs/gal.
  - c. The total number of hours of operation for each emissions unit during the month.
  - d. The total combined VOC emissions rate for all coatings and cleanup materials used in all emissions units within this facility in both lbs/hr and tons per year on a rolling 12-month summation basis.
  - e. The total combined gallons of all coatings and cleanup materials used in all emissions units within this facility on a rolling 12-month summation basis.
3. The permittee shall collect and record the following information each month:
  - a. The name and identification number of each coating, as applied.
  - b. The individual Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of individual HAP per gallon of coating, as applied.
  - c. The total combined Hazardous Air Pollutant (HAP) content for each HAP of each coating in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from b).
  - d. The number of gallons of each coating employed.
  - e. The name and identification of each cleanup material employed.
  - f. The individual HAP content for each HAP of each cleanup material in pounds of individual HAP per gallon of cleanup material, as applied.
  - g. The total combined HAP content of each cleanup material in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from f).
  - h. The number of gallons of each cleanup material employed.
  - i. The total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per rolling 12 month period (for each HAP the sum of b times d for each coating and the sum of f times h for each cleanup material).

- j. The total combined Hazardous Air Pollutant (HAP) emissions from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per rolling 12 month period (the sum of c times d for each coating plus the sum of g times h for each cleanup material).

A listing of the Hazardous Air Pollutants (HAPs) can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact. Material Safety Data Sheets typically include a listing of the solvents contained in the coatings or cleanup materials. This information does not have to be kept on a line-by-line basis.

4. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed, for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.
5. The permit to install for this emissions unit (R004) 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 and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Proplene Glycol Methyl Ether

TLV (mg/m3): 606

Maximum Hourly Emission Rate (lbs/hr): 24.2

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 1504.23  
(Combined total of emissions from R001 through R004)

MAGLC (ug/m3): 14,430

6. 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 still 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.

7. 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.

**D. Reporting Requirements**

1. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports which include the following information:
- a. An identification of each day during which the VOC emissions from the coatings and cleanup materials employed in this emissions unit exceeded 87.4 lbs/day, and the actual VOC emissions for each such day.
- b. An identification of each month during which the combined VOC emissions from all emissions units at this facility exceeded 45.0 tons per year on a rolling 12-month summation basis and the actual combined facility 12-month rolling summation VOC emissions rate for that month.
- c. An identification of each month during which the combined HAP emissions from all emissions units at this facility exceeded 1.0 TPY for any single HAP or 2.0 TPY of any combination of HAPs on a rolling 12-month summation basis and the actual combined facility 12-month summation of single and combined HAP emissions

for that month.

d. An identification of each month during which the combined volume of coatings employed in all emissions units at this facility exceeded 145,161 gallons on a rolling 12-month summation basis and the actual combined facility 12-month rolling summation volume of coatings employed for that month.

2. The permittee shall also submit annual reports which specify the total VOC emissions and the total HAP emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation: VOC emissions from this emissions unit shall not exceed 87.4 lbs/day.

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.1.

b. Emission Limitation: VOC emissions from this emissions unit shall not exceed 16.0 TPY.

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.1 and shall be the sum of the 365 daily emission rates for the calendar year. Compliance shall further be based on the application of the weighted average VOC content per gallon of coating employed to the total annual gallons of coatings employed in this emissions unit as recorded on a rolling 12-month summation basis.

2. Compliance with the emission limitation(s) in section A.2.a of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation: VOC emissions from all emissions units at this facility shall not exceed 45.0 TPY; further, the total volume of coatings employed by all emissions units at this facility shall not exceed 145,161 on a rolling 12-month summation basis.

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.2 and shall be the sum of the 365 daily emission rates for all emissions units within this facility for the calendar year. Compliance shall further be based on the application of the weighted average VOC content per gallon of coating employed to the total annual gallons of coatings employed in this emissions unit as recorded on a rolling 12-month summation basis.

3. Compliance with the emission limitation(s) in section A.2.b of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation: HAP emissions from all emissions units at this facility shall not exceed 1.0 TPY for any single HAP or 2.0 TPY for any combination of HAPs.

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in term C.3 and shall be the sum of the 365 daily emission rates for all emissions units within this facility for the calendar year.

4. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials.

**F. Miscellaneous Requirements**

1. The following sections of these terms and conditions shall be federally enforceable: A.1, A.2.a, A.2.b, B.1, B.2, C.1.a, C.1.b, C.1.c, C.1.d, C.2.a, C.2.b, C.2.c, C.2.d, C.2.e, C.3.a, C.3.b, C.3.c, C.3.d, C.3.e, C.3.f, C.3.g, C.3.h, C.3.i, C.3.j, C.5, D.1.a, D.1.b, D.1.c, D.1.d, D.2, D.3, D.4, E.1.a, E.1.b, E.2, E.3, and E.4.