

Facility ID: 0238000165 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.

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[Go to Part II for Emissions Unit R002](#)

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

Facility ID: 0238000165 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>
spray booth A, Binks, 12x12x12 open spray booth with one manual spray gun for the coating of wood millwork	OAC rule 3745-31-05(A)(3) PTI 02-10009 (Effective August 28, 1996) OAC rule 3745-21-07(G)(2)	See A.2.a through A.2.e below. The emission limitations from this rule are not applicable as the requirements established according to OAC rule 3745-31-05(A)(3) expressed in A.2.d below prohibit the use of photochemically reactive materials.

2. Additional Terms and Conditions

- (a) Organic Compound emissions shall not exceed 37.92 lbs/hr from this emissions unit.
OC emissions shall not exceed 151.92 lbs/day.
OC emissions shall not exceed 19.0 tons per year.
The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.
Hazardous Air Pollutant (HAP) emissions shall not exceed 9.9 tons per rolling, 12-month period for each HAP and 24.9 tons per rolling, 12 month period for total, combined HAPs for emissions units R001 and R002 combined.

B. Operational Restrictions

1. The maximum annual coating usage for this emissions unit shall not exceed:
 - Topcoat 3,300 gallons;
 - Sealers 2,900 gallons;
 - Stains 830 gallons;
 - Catalyst 160 gallons; and
 - Reducers 150 gallons.

Total 7,340 gallons per rolling, 12-month period.
2. The organic compound (OC) content of the coatings employed in this emissions unit shall not exceed the following limits:
 - Topcoat 4.92 lbs OC per gallon, excluding water;
 - Sealer 5.29 lbs OC per gallon, excluding water; and
 - Stains 5.64 lbs OC per gallon, excluding water.
3. The total clean up solvent usage shall not exceed 113 gallons per year in emissions units R001 and R002 combined.
4. The permittee shall operate the dry filters whenever this emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records that document all time periods when the dry filters were not in service when the emissions unit was in operation.
2. The permittee shall collect and record the following information for each day:

- a. the company identification for each coating and cleanup material employed;
- b. an identification of whether or not each coating and clean-up material is a photochemically reactive material;
- c. the number of gallons of each coating and cleanup material employed;
- d. the organic compound (OC) content of each coating and cleanup material, in lbs/gal;
- e. the total OC emission rate for all coatings and cleanup materials, in lbs/day, (sum of c times d);
- f. the total number of hours the emissions unit was in operation; and
- g. the average hourly OC emission rate for all coatings and cleanup materials, i.e., (e)/(f), in lbs/hr.

The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.

3. The permittee shall collect and record the following information for this emissions unit for each month:
 - a. the name and identification number of each coating, as applied;
 - b. the single 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 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 single 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 single 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 for the previous 12 months); and
 - j. the total combined HAPs emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of c. times d. for each coating plus the sum of g. times h. for each cleanup material).
4. 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, Northeast District office 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.
5. The permittee shall record each month the rolling, 12-month summation of the emissions of each single HAP from emissions units R001 and R002 combined for the previous 12-month period.
6. The permittee shall record each month the rolling, 12-month summation of total, combined HAPs from emissions units R001 and R002 combined for the previous 12-month period.
7. The permittee shall record each month the rolling, 12-month summation of the total coating usage from emissions unit R001 for the previous 12-month period (based on the daily records kept according to Section C.1).
8. 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: n-Butyl acetate
 - TLV (mg/m3): 712
 - Maximum Hourly Emission Rate (lbs/hr): 5.09
 - Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 489
 - MAGLC (ug/m3): 17,000
 - Pollutant: Ethanol
 - TLV (mg/m3): 1884
 - Maximum Hourly Emission Rate (lbs/hr): 8.87
 - Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 854
 - MAGLC (ug/m3): 44,900
 - Pollutant: Isobutanol
 - TLV (mg/m3): 151
 - Maximum Hourly Emission Rate (lbs/hr): 3.85
 - Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 372

- MAGLC (ug/m3): 3,600
 Pollutant: Isopropanol
 TLV (mg/m3): 983
 Maximum Hourly Emission Rate (lbs/hr): 4.43
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 427
 MAGLC (ug/m3): 23,400
 Pollutant: Methyl n-amyl ketone
 TLV (mg/m3): 233
 Maximum Hourly Emission Rate (lbs/hr): 0.58
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 560
 MAGLC (ug/m3): 5,550
 Pollutant: Naptha
 TLV (mg/m3): 1399
 Maximum Hourly Emission Rate (lbs/hr): 5.09
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 491
 MAGLC (ug/m3): 33,300
 Pollutant: Propanol
 TLV (mg/m3): 491
 Maximum Hourly Emission Rate (lbs/hr): 7.85
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 761
 MAGLC (ug/m3): 11,700
 Pollutant: Toluene
 TLV (mg/m3): 188
 Maximum Hourly Emission Rate (lbs/hr): 5.53
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 534
 MAGLC (ug/m3): 4,48
 Pollutant: Xylene
 TLV (mg/m3): 434
 Maximum Hourly Emission Rate (lbs/hr): 2.25
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 217
 MAGLC (ug/m3): 10,300
9. 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:
- 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;
 - 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
 - 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.).
10. 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 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final permit to install prior to the change.
11. 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 description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
 - documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
 - 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**
- The permittee shall notify the Director (Ohio EPA, Northeast District Office) in writing of any daily record showing that the dry filters were not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (Ohio EPA, Northeast District Office) within 30 days after the event occurs.
 - Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition

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

3. In accordance with the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. an identification of each day during which the average OC emissions from the coatings and cleanup materials exceeded 16.9 pounds per hour, and the actual average OC emissions for each such day;
 - b. an identification of each day during which the OC emissions from the coatings and cleanup materials exceeded 84.5 pounds per day, and the actual OC emissions for each such day;
 - c. an identification of each day during which the OC content of any coating exceeded the limits expressed in B.1 and the actual OC content of each such coatings employed;
 - d. all exceedances of the rolling, 12-month coating usage limitation for this emissions unit;
 - e. all exceedances of the rolling, 12-month emission limitation for each single HAP from emissions units R001 and R002; and
 - f. all exceedances of the rolling, 12-month emission limitation for total combined HAPs from emissions units R001 and R002.

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report which states that no deviations occurred during that quarter.
4. The permittee shall also submit annual reports that summarize the following information:
 - a. the emissions of OC from this emissions unit;
 - b. the emissions of each single HAP from this emissions unit and from emissions units R001 and R002 combined;
 - c. the emission of total combined HAPs from this emissions unit and from emissions units R001 and R002 combined;
 - d. the total coating usage in this emissions unit for the previous calendar year (a summation of the daily records according to C.2); and
 - e. the total cleanup material usage in emissions units R001 and R002 combined (a summation of the daily records according to C.2).

The reports shall include the emissions calculations, shall be submitted by February 1 of each year, and shall cover the previous calendar year.

E. Testing Requirements

1. Compliance with the allowable emission limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:
37.92 pounds OC emissions per hour from all coating and cleanup materials.

Applicable Compliance Method:
Compliance shall be determined by the daily values calculated in C.2.g based on the record keeping specified in Section C.2.

Emission Limitation:
151.92 pounds of OC emissions per day from all coatings and cleanup materials.

Applicable Compliance Method:
Compliance shall be determined by the value recorded according to C.2.e based upon the record keeping specified in Section C.2.

Emission Limitation:
19.0 tons of OC emissions per year from all coatings and cleanup material.

Applicable Compliance Method:
Compliance shall determined by summing the values recorded according to C.2.e for the previous calendar year.

Emission Limitations:
Less than 10.0 tons of each single HAP, based upon a rolling, 12-month summation for R001 and R002 combined.

Applicable Compliance Method:
Compliance shall be based on the record keeping as specified in Sections C.5 and C.3.

Emission Limitations:
Less than 25.0 tons per year of total combined HAPs, based upon a rolling, 12-month summation for R001 and R002 combined.

Applicable Compliance Method:
Compliance shall be based on the record keeping as specified in Sections C.6 and C.3.
2. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

F. Miscellaneous Requirements

1. If the rolling 12-month emissions of Hazardous Air Pollutants (HAP) exceeds 10 tons per year of each individual HAP or 25 tons per year of total, combined HAP, this facility becomes a major source and must comply with the requirements for a major source per 40 CFR Part 63, Subpart JJ, within 365 days after the exceedance. The Ohio EPA Northeast District Office, Division of Air Pollution Control shall be notified in writing within 30 days of

the exceedance. A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA, Northeast District Office contact.

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Facility ID: 0238000165 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>
spray booth B, Wengerd Welding, 3x3x5 closed spray booth with 2 air assisted, airless guns and 2 HVLP guns for the coating of wood millwork	OAC rule 3745-31-05(A)(3) PTI 02-10009 (Effective August 28, 1996)	See A.2.a through A.2.e below.
	OAC rule 3745-21-07(G)(2)	The emission limitations from this rule are not applicable as the requirements established according to OAC rule 3745-31-05(A)(3) expressed in A.2.d below prohibit the use of photochemically reactive materials.

2. Additional Terms and Conditions

- (a) Organic Compound emissions shall not exceed 37.92 lbs/hr from this emissions unit.
 - OC emissions shall not exceed 151.92 lbs/day.
 - OC emissions shall not exceed 19.0 tons per year.
 - The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.
 - Hazardous Air Pollutant (HAP) emissions shall not exceed 9.9 tons per rolling, 12-month period for each HAP and 24.9 tons per rolling, 12 month period for total, combined HAPs for emissions units R001 and R002 combined.

B. Operational Restrictions

1. The maximum annual coating usage for this emissions unit shall not exceed:
 - Topcoat 3,300 gallons;
 - Sealers 2,900 gallons;
 - Stains 830 gallons;
 - Catalyst 160 gallons; and
 - Reducers 150 gallons.

Total 7,340 gallons per rolling, 12-month period.
2. The organic compound (OC) content of the coatings employed in this emissions unit shall not exceed the following limits:
 - Topcoat 4.92 lbs OC per gallon, excluding water;
 - Sealer 5.29 lbs OC per gallon, excluding water; and
 - Stains 5.64 lbs OC per gallon, excluding water.
3. The total clean up solvent usage shall not exceed 113 gallons per year in emissions units R001 and R002 combined.
4. The permittee shall operate the dry filters whenever this emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records that document all time periods when the dry filters were not in service when the emissions unit was in operation.
2. The permittee shall collect and record the following information for each day:

- a. the company identification for each coating and cleanup material employed;
- b. an identification of whether or not each coating and clean-up material is a photochemically reactive material;
- c. the number of gallons of each coating and cleanup material employed;
- d. the organic compound (OC) content of each coating and cleanup material, in lbs/gal;
- e. the total OC emission rate for all coatings and cleanup materials, in lbs/day, (sum of c times d);
- f. the total number of hours the emissions unit was in operation; and
- g. the average hourly OC emission rate for all coatings and cleanup materials, i.e., (e)/(f), in lbs/hr.

The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.

3. The permittee shall collect and record the following information for this emissions unit for each month:
 - a. the name and identification number of each coating, as applied;
 - b. the single 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 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 single 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 single 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 for the previous 12 months); and
 - j. the total combined HAPs emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of c. times d. for each coating plus the sum of g. times h. for each cleanup material).
4. 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, Northeast District office 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.
5. The permittee shall record each month the rolling, 12-month summation of the emissions of each single HAP from emissions units R001 and R002 combined for the previous 12-month period.
6. The permittee shall record each month the rolling, 12-month summation of total, combined HAPs from emissions units R001 and R002 combined for the previous 12-month period.
7. The permittee shall record each month the rolling, 12-month summation of the total coating usage from emissions unit R001 for the previous 12-month period (based on the daily records kept according to Section C.1).
8. 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: n-Butyl acetate
 - TLV (mg/m3): 712
 - Maximum Hourly Emission Rate (lbs/hr): 5.09
 - Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 489
 - MAGLC (ug/m3): 17,000
 - Pollutant: Ethanol
 - TLV (mg/m3): 1884
 - Maximum Hourly Emission Rate (lbs/hr): 8.87
 - Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 854
 - MAGLC (ug/m3): 44,900
 - Pollutant: Isobutanol
 - TLV (mg/m3): 151
 - Maximum Hourly Emission Rate (lbs/hr): 3.85
 - Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 372

- MAGLC (ug/m3): 3,600
 Pollutant: Isopropanol
 TLV (mg/m3): 983
 Maximum Hourly Emission Rate (lbs/hr): 4.43
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 427
 MAGLC (ug/m3): 23,400
 Pollutant: Methyl n-amyl ketone
 TLV (mg/m3): 233
 Maximum Hourly Emission Rate (lbs/hr): 0.58
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 560
 MAGLC (ug/m3): 5,550
 Pollutant: Naptha
 TLV (mg/m3): 1399
 Maximum Hourly Emission Rate (lbs/hr): 5.09
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 491
 MAGLC (ug/m3): 33,300
 Pollutant: Propanol
 TLV (mg/m3): 491
 Maximum Hourly Emission Rate (lbs/hr): 7.85
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 761
 MAGLC (ug/m3): 11,700
 Pollutant: Toluene
 TLV (mg/m3): 188
 Maximum Hourly Emission Rate (lbs/hr): 5.53
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 534
 MAGLC (ug/m3): 4,48
 Pollutant: Xylene
 TLV (mg/m3): 434
 Maximum Hourly Emission Rate (lbs/hr): 2.25
 Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 217
 MAGLC (ug/m3): 10,300
9. 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:
- 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;
 - 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
 - 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.).
10. 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 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final permit to install prior to the change.
11. 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 description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
 - documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
 - 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**
- The permittee shall notify the Director (Ohio EPA, Northeast District Office) in writing of any daily record showing that the dry filters were not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (Ohio EPA, Northeast District Office) within 30 days after the event occurs.
 - Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition

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

3. In accordance with the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. an identification of each day during which the average OC emissions from the coatings and cleanup materials exceeded 16.9 pounds per hour, and the actual average OC emissions for each such day;
 - b. an identification of each day during which the OC emissions from the coatings and cleanup materials exceeded 84.5 pounds per day, and the actual OC emissions for each such day;
 - c. an identification of each day during which the OC content of any coating exceeded the limits expressed in B.1 and the actual OC content of each such coatings employed;
 - d. all exceedances of the rolling, 12-month coating usage limitation for this emissions unit;
 - e. all exceedances of the rolling, 12-month emission limitation for each single HAP from emissions units R001 and R002; and
 - f. all exceedances of the rolling, 12-month emission limitation for total combined HAPs from emissions units R001 and R002.

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report which states that no deviations occurred during that quarter.
4. The permittee shall also submit annual reports that summarize the following information:
 - a. the emissions of OC from this emissions unit;
 - b. the emissions of each single HAP from this emissions unit and from emissions units R001 and R002 combined;
 - c. the emission of total combined HAPs from this emissions unit and from emissions units R001 and R002 combined;
 - d. the total coating usage in this emissions unit for the previous calendar year (a summation of the daily records according to C.2); and
 - e. the total cleanup material usage in emissions units R001 and R002 combined (a summation of the daily records according to C.2).

The reports shall include the emissions calculations, shall be submitted by February 1 of each year, and shall cover the previous calendar year.

E. Testing Requirements

1. Compliance with the allowable emission limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:
37.92 pounds OC emissions per hour from all coating and cleanup materials.

Applicable Compliance Method:
Compliance shall be determined by the daily values calculated in C.2.g based on the record keeping specified in Section C.2.

Emission Limitation:
151.92 pounds of OC emissions per day from all coatings and cleanup materials.

Applicable Compliance Method:
Compliance shall be determined by the value recorded according to C.2.e based upon the record keeping specified in Section C.2.

Emission Limitation:
19.0 tons of OC emissions per year from all coatings and cleanup material.

Applicable Compliance Method:
Compliance shall determined by summing the values recorded according to C.2.e for the previous calendar year.

Emission Limitations:
Less than 10.0 tons of each single HAP, based upon a rolling, 12-month summation for R001 and R002 combined.

Applicable Compliance Method:
Compliance shall be based on the record keeping as specified in Sections C.5 and C.3.

Emission Limitations:
Less than 25.0 tons per year of total combined HAPs, based upon a rolling, 12-month summation for R001 and R002 combined.

Applicable Compliance Method:
Compliance shall be based on the record keeping as specified in Sections C.6 and C.3.
2. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

F. Miscellaneous Requirements

1. If the rolling 12-month emissions of Hazardous Air Pollutants (HAP) exceeds 10 tons per year of each individual HAP or 25 tons per year of total, combined HAP, this facility becomes a major source and must comply with the requirements for a major source per 40 CFR Part 63, Subpart JJ, within 365 days after the exceedance. The Ohio EPA Northeast District Office, Division of Air Pollution Control shall be notified in writing within 30 days of

the exceedance. A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA, Northeast District Office contact.