

Facility ID: 0855140039 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.

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

Facility ID: 0855140039 Emissions Unit ID: K002 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>
K002 - Miscellaneous Metal Parts Paint Spray Booth with Filtration System	OAC rule 3745-21-09(U)(2)(e) PTI 08-04835 OAC rule 3745-31-05(C) Synthetic Minor to avoid Title V permitting requirements	The coating usage rate shall be less than or equal to 8 gallons per day. The emissions of Hazardous Air Pollutants (HAPS), as identified in Section 112(b) of Title III of the Clean Air Act, from the facility from all permitted, de minimis, permit exempt, and permit by rule air contaminant sources combined shall be less than 9.9 tons for any single HAP and 24.9 tons for any combination of HAPS, per rolling 12-month summation. The VOC emissions from this emissions unit shall not exceed 4.8 tons per year, excluding cleanup, based on a rolling, 12-month summation.

See section A.2.b.

2. Additional Terms and Conditions

- (a) The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE), sulfur dioxide (SO₂), carbon monoxide (CO), nitrogen oxides (NO_x) and lead (Pb) emissions from this air contaminant source since the uncontrolled potential to emit for PE, SO₂, CO, NO_x and Pb is less than ten tons per year.
The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC from this air contaminant source since the calculated annual emission for VOC is less than ten tons per year taking into account the federally enforceable rule limit of 8 gallons per day under OAC rule 3745-21-09-(U)(2)(e).

B. Operational Restrictions

1. The usage rate of coatings for this emissions unit shall not exceed 8 gallons per day.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating line at the facility:
 - a. The name and identification number of each coating employed.
 - b. The VOC content of each coating, as applied, in pounds per gallon.
 - c. The volume, in gallons, of each coating employed.
 - d. The total volume, in gallons, of all of the coatings employed.
2. The dry filtration system for control of particulate emissions shall be in operation whenever this emissions unit is in operation.

The permittee shall properly install, operate and maintain equipment to monitor and record the pressure drop across the dry filtration system while the emissions unit is in operation. The monitoring equipment shall be

installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manual(s). The permittee shall collect and record the following information each day:

- a. Whether or not the dry filtration system was in operation when the emissions unit was in operation.
 - b. The pressure drop across the filtration system, on a once per shift basis.
 - c. Whether or not the pressure drop across the filtration system was outside the acceptable range based upon the manufacturer's specifications.
3. The permittee shall collect and record the following information each month for emissions units K001, K002, R001, R002, R004, and R005:
- a. The name and identification number of each coating material employed.
 - b. The individual Hazardous Air Pollutant (HAP)* content for each HAP of each coating material, in pounds of individual HAP per gallon, as applied.
 - c. The total combined HAP content of each coating material, in pounds of combined HAPs per gallon, as applied (the sum of all the individual HAP contents from C.3.b.).
 - d. The number of gallons of each coating material 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 (the sum of all the individual HAP contents from C.3.f.).
 - h. The number of gallons of each cleanup material employed.
 - i. The total individual HAP emissions for each HAP from all coating materials and cleanup materials employed, in pounds or tons per month (for each HAP, the sum of the products of C.3.b. times C.3.d. for each coating material plus the sum of the products of C.3.f. times C.3.h. for each cleanup material).
 - j. The total combined HAP emissions from all coating materials and cleanup materials employed, in pounds or tons per month (the sum of the products of C.3.c. times C.3.d. for each coating material plus the sum of the products of C.3.g. times C.3.h. for each cleanup material).
4. The permittee shall collect and record the following information each month for the entire facility:
- a. The total individual Hazardous Air Pollutant (HAP)* emission rate, in tons per month, for each HAP employed at this facility, including the coating and cleanup material HAP emissions recorded in C.3.i. above.
 - b. The total combined HAP emission rate, in tons per month, for all of the HAPs employed at this facility, including the coating and cleanup material HAP emissions recorded in C.3.j. above.
 - c. The cumulative monthly total, in tons/month, for the first twelve months following the issuance of this permit to install and the updated rolling twelve month total thereafter, of the total individual HAP emission rate for each HAP employed at this facility.
 - d. The cumulative monthly total, in tons/month, for the first twelve months following the issuance of this permit to install and the updated rolling twelve month total thereafter, of the total combined HAPs for all of the HAPs employed at this facility.

*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 field office or local agency contact. This information does not have to be kept on a line-by-line basis.

D. Reporting Requirements

1. The permittee shall notify the director (appropriate District Office or local air agency) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage limit of 8 gallons per day. The notification shall include a copy of such record and shall be sent to the Director (appropriate District Office or local air agency) within 45 days after the exceedance occurs.
2. In accordance with Section A.2. of the General Terms and Conditions of this permit, the permittee shall submit quarterly deviation (excursion) reports that include the following:
 - a. An identification of any record showing that the filtration system was not in operation when the emissions unit was in operation.
 - b. An identification of all periods of time which the pressure drop across the filtration system was outside the range manufacturer's recommended range.
 - c. An identification of each month during which the rolling, 12-month individual facility HAP emission rate exceeded the 9.9 TPY rolling, 12-month individual facility HAP emission limitation, and the actual rolling, 12-month individual facility HAP emission rate for each such month.
 - d. An identification of each month during which the rolling, 12-month combined facility HAP emission rate exceeded the 24.9 TPY rolling, 12-month combined facility HAP emission limitation, and the actual rolling, 12-month combined facility HAP emission rate for each such month.

The quarterly deviation reports shall be submitted to the Director (appropriate District Office or local air agency) in accordance with the General Terms and Conditions. These reports shall be submitted by January 31, April

30, July 31, and October 31 of each year and shall cover the previous calendar quarter. If no deviations occurred during a calendar quarter, the permittee shall submit a report which states that no deviations occurred during the calendar quarter.

3. The permittee shall submit annual reports which specify the individual and/or combined HAP emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data from this emissions unit in the annual Fee Emission Report.

E. Testing Requirements

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

Emission Limitation -

The coating usage rate shall be less than or equal to 8 gallons per day.

Applicable Compliance Method -

Compliance shall be based upon the record keeping requirements specified in Section C.1.

Emission Limitation(s):

The emissions of Hazardous Air Pollutants (HAPS), as identified in Section 112(b) of Title III of the Clean Air Act, from the facility from all permitted, de minimis, permit exempt, and permit by rule air contaminant sources combined shall be less than 9.9 tons for any single HAP and 24.9 tons for any combination of HAPS, per rolling 12-month summation.

Applicable Compliance Method(s):

Compliance shall be determined by the recordkeeping requirements specified in Section C.3 and C.4.

Emission Limitation -

The VOC emissions from this emissions unit shall not exceed 4.8 tons per year, excluding cleanup, based on a rolling, 12-month summation.

Applicable Compliance Method -

Compliance shall be based upon compliance with the 8 gallons per day limitation.

F. Miscellaneous Requirements

1. None