

Facility ID: 0536020125 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: 0536020125 Emissions Unit ID: P001 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>
P001-5-Stage Parts washer w/ Rust Inhibitor	OAC rule 3745-31-05(A)(3) (PTI 05-7900)	The volatile organic compound (VOC) emissions shall not exceed 8.84 pounds per day nor 1.61 tons per year. The amount of parts processed through this emissions unit shall not exceed 25 tons per day. The amount of rust inhibitor shall not exceed 15 gallons per day. The volatile organic compound content of the rust inhibitor shall not exceed 0.5 pounds per gallon, as applied, and 1.43 pounds per gallon, excluding water and exempt solvents.
	OAC rule 3745-31-05(C) Synthetic Minor to Avoid Title V	See section A.2.b.
	OAC rule 3745-21-09(U)(1)(c) extreme performance coating	See section A.2.a. The VOC limitation specified by this rule is less stringent than the VOC limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
 - (a) The actual usage of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units at this facility shall not exceed 46.5 pounds per day and 8.5 tons per year TPY* for any single HAP and 129.5 pounds per day and 23.6 tons per year TPY* for any combination of HAPs.

* This assumes the HAPs emitted are the same as the amount of HAPs used since all HAPs used evaporate.
The volatile organic compound content of the rust inhibitor shall not exceed 0.5 pounds per gallon, as applied, and 1.43 pounds per gallon, excluding water and exempt solvents.

B. Operational Restrictions

1. The amount of parts processed through this emissions unit shall not exceed 25 tons per day.
2. The amount of rust inhibitor shall not exceed 15 gallons per day.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day this emissions unit is operated:
 - a. the company identification for each rust inhibitor employed;
 - b. the amount of each rust inhibitor, in gallons;
 - c. the VOC content, in pounds per gallon, as applied;
 - d. the VOC content in pounds per gallon, excluding water and exempt solvents;
 - e. the amount of VOC emitted, in lbs/day ("b" x "c"); and
 - f. the amount of parts processed, in tons.

2. The permittee shall collect and record the following information each month for the HAP(s) employed in the emissions units at this facility:
- the emission unit's source identification and description that Hazardous Air Pollutant (HAP) containing materials were employed;
 - the name and identification number of each HAP containing material employed;
 - the individual HAP* content for each HAP containing material employed, in pounds of individual HAP per gallon, as employed;
 - the amount of each HAP containing material employed, in gallons;
 - the total individual HAP usage for each HAP from the above listed materials employed, in pounds or tons per month [for each HAP the sum of (c) times (d)];
 - the total combined HAP usage from all above listed materials employed, in pounds or tons per month [(the sum of (c) times (d) for each coating)];
 - the updated rolling, 12-month summation of usage for each individual HAP**, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months; and
 - the updated rolling, 12-month summation of usage for total combined HAP**, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

* 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, Southwest District Office contact. This information does not have to be kept on a line-by-line basis.

** This assumes the HAP(s) emitted are the same as the amounts of HAP(s) used since all HAP(s) used evaporate

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:
- an identification of each daily period during which the VOC emissions from P001 exceeds 8.84 pounds;
 - an identification of each daily period during which the amount of parts processed in P001 exceeds 25 tons;
 - an identification of each month during which the individual HAP emissions at the facility exceeded 8.5 tons per year; and
 - an identification of each month during which the combined HAP emissions at the facility exceeded 23.6 tons per year.

The deviation (excursion) reports shall be submitted as quarterly reports specified in Part I, General Term and Condition A.2 of this permit.

E. Testing Requirements

1. Compliance with the specified emissions limitations in Section A.1. of this permit shall be demonstrated in accordance with the following methods:
Emission Limitation:

The volatile organic compound (VOC) emissions shall not exceed 8.84 pounds per day nor 1.61 tons per year.

Applicable Compliance Method:

The permittee shall demonstrate compliance with the above limit based shall be determined based on the following equation:

$$HER = Va \times Gd$$

where:

HER = Hourly Emission Rate, in lbs/day;

Va = VOC content, in pounds per gallon, excluding water and exempt solvents, in lbs/gal, as applied (See section C.1.d); and

Gd = gallons added, gallons/day (See section C.1.b).

The annual limitation is based on the daily limitation multiplied by 365 days per divided by 2000 lbs/ton.

Emission Limitation:

The volatile organic compound content of the rust inhibitor shall not exceed 0.5 pounds per gallon, as applied, and 1.43 pounds per gallon, excluding water and exempt solvents.

Applicable Compliance Method:

Compliance shall be determined through the procedures described in USEPA Method 24 and demonstrated through the record keeping in term C.1 of this permit.

F. Miscellaneous Requirements

1. None