

Facility ID: 0250110920 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: 0250110920 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>
Two-piece Can Coating Line No. 2	OAC 3745-21-09(B)(6) in lieu of OAC 3745-21-09(D)(1) PTI 02-7473	VOC: 85% overall reduction and 3.14 lbs/hr PM: 0.01 gr/dscf of exhaust gases with no visible emissions greater than 5% opacity; NOx: 0.1 lb/MMBTU and 1.1 lbs/hr

2. Additional Terms and Conditions

- (a) The interior body spray booth, exterior basecoat applicator, overvarnish applicator and all bake ovens shall be vented to the catalytic incinerator.
- (b) There shall be no objectionable odors in any exhaust gases.

B. Operational Restrictions

1. Pursuant to PTI 02-7473, this facility shall maintain for this emissions unit an overall VOC removal efficiency which is at least 85% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 90% by weight.
2. The average temperature of the exhaust gases at the inlet to the catalytic incinerator for any 3-hour block of time shall not be less than 677 degrees Fahrenheit.

C. Monitoring and/or Record Keeping Requirements

1. This facility shall operate and maintain continuous temperature monitors and recorders which measure and record the combustion temperature immediately upstream and downstream of the incinerator's catalyst bed when the emission unit is in operation. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within +/- 1 percent of the temperature being measured or +/- 5 degrees Fahrenheit, whichever is greater. The temperature monitors and recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
2. This facility shall collect and record the following information each day:
 - a) The average temperature of the exhaust gases immediately before and after the catalyst bed of the incinerator.
 - b) A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

D. Reporting Requirements

1. Exal Corp. shall submit semi-annual reports which provide the following information for each three hour period during which the incinerator inlet temperature falls below 677 degrees Fahrenheit:
 - a) the date of the excursion;
 - b) the time interval over which the excursion occurred;
 - c) the temperature values during the excursion;
 - d) the corrective action which has been or will be taken to prevent similar excursions in the future.
2. This report does not waive the reporting requirements of OAC Rule 3745-15-06.
3. The reports shall be submitted by February 15 and August 15 of each year and shall cover the previous six

calendar months (July through December and January through June, respectively).

E. Testing Requirements

1. The facility shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - 1.) The emission testing shall be conducted within 18 months prior to the expiration of this permit or by no later than June 30, 1998.
 - 2.) The emissions testing shall be conducted to demonstrate compliance with the allowable mass emission rate for VOC and the overall control efficiency limitation for VOC.
 - 3) The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate: Methods 1 through 4 and Method 25 of 40 CFR Part 60, Appendix A. The test methods which must be employed to demonstrate compliance with the overall control efficiency limitations for VOC are specified below.
 - 4) The test(s) shall be conducted under maximum production rates unless otherwise specified or approved by the appropriate Ohio EPA District Office.
 - 5) The capture efficiency shall be determined in accordance with USEPA's "Guidelines for Determining Capture Efficiency", dated January 9, 1995. The control efficiency (i.e. percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC Rule 3745-21-10.
Not later than 30 days prior to the proposed test date(s), this facility shall submit an "Intent to Test" notification to the Ohio EPA NEDO. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the tests, and the person(s) who will be conducting the tests. Failure to submit such notification for review and approval prior to the tests may result in the Ohio EPA District Office's refusal to accept the results of the emission tests.

Personnel from the appropriate Ohio EPA District Office shall be permitted to witness the tests, examine the testing equipment, and acquire data and information regarding the emissions unit operating parameters.

A comprehensive written report on the results of the emissions tests shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office within 30 days following completion of the test(s).

F. Miscellaneous Requirements

1. Prior to coating cans which will be used to hold beverages (as defined in 40 CFR Part 60, Subpart WW), Exal Corp. shall apply for an Ohio EPA permit to install.
2. In accordance with OAC Rule 3745-15-07, there shall be no objectionable odors in any exhaust gases.