

Facility ID: 1677011200 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: 1677011200 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>
(R001) - Open pan gravure coating line for coating vinyl and paper with a 3.3 MBtu curing oven	OAC rule 3745-31-02(A)(2) PTI 16-02496	See 2.a below
	When Coating Paper OAC rule 3745-21-09(F)	2.9 pounds of VOC per gallon of coating, excluding water and exempt solvents.
	When Coating Vinyl OAC rule 3745-21-09(H)	The VOC content of the coatings employed in the vinyl coating line, as determined under paragraph (B) of rule 3745-21-10 of the Administrative Code, does not exceed the following limitation: (a) 4.8 pounds of VOC per gallon of vinyl coating, excluding water and exempt solvents; or (b) Twenty-five per cent VOC by volume of the volatile matter of the vinyl coating.

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 uncontrolled VOC, NOx, CO and SO2 emissions from this air contaminant source since the potential to emit for VOC, NOx, CO and SO2 is less than ten tons per year.

B. Operational Restrictions

1. Coatings applied in the coating operations shall not exceed 2.9 pounds of VOC per gallon of coating, excluding water and exempt solvents.

C. Monitoring and/or Record Keeping Requirements

2. The permittee shall collect and record the following information each month for the coating line and shall maintain this information at the facility for a period of three years:

- a. the name and identification number of each coating, as applied; and
- b. the mass of VOC per volume of each coating, excluding water and exempt solvents, as applied, calculated as follows:

CVOC₂ is the VOC content in pounds of VOC per gallon of coating, excluding water and exempt solvents calculated as follows:

$$CVOC_2 = (DC)(WVOC) / VS + WVOC$$

where:

DC is the density of coating, in pounds of coating per gallon of coating.

$$WVOC = WVM - WW - WES$$

VS is the volume fraction of solids in coating, in gallons of solids per gallon of coating.

VVOC = VVM - VW - VES

WVM weight fraction of volatile matter in coating, in pound of volatile matter per pound of coating.

WW weight fraction of water in coating, in pound of water per pound of coating.

WES weight fraction of exempt solvent in coating, in pound of exempt solvent per pound of coating.

VVM volume fraction of volatile matter in coating, in gallon of volatile matter per gallon of coating.

VW volume fraction of water in coating, in gallon of water per gallon of coating.

VES volume fraction of exempt solvent in coating, in gallon of exempt solvent per gallon of coating.

This information does not have to be kept on a line-by-line basis, unless one or more of the lines or emissions units is subject to specific "gallons/year" and/or "tons/year" limitation in a Permit-to-install, where the above-mentioned information shall be maintained separately for each such line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.

The permittee shall collect and record the following information for the purpose of determining annual VOC emissions:

- a. the name and identification of each cleanup material employed;
- b. the VOC content of each cleanup material, in pounds per gallon;
- c. the number of gallons of each cleanup material employed;
- d. the number of gallons (excluding water and exempt solvents) of each coating employed; and
- e. the total VOC emissions from all coatings and cleanup materials employed, in pounds or tons.

This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new emissions unit and subject to specific "gallons/year" and "tons/year" limitations, or just a "tons/year" limitation in a Permit-to-install. In such cases, for each such new emissions unit only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.

E. Testing Requirements

1. Compliance with the emission limitations and the operational restriction in Sections A.I.1 and A.II.1 of these terms and conditions shall be determined in accordance with the following methods:
 - 1.a. Emission Limitation:

2.9 pounds of VOC per gallon of coating, excluding water and exempt solvents.

Applicable Compliance Method:

OAC rule 3745-21-10(B)

F. Miscellaneous Requirements

1. None