

Facility ID: 0855140355 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: 0855140355 Emissions Unit ID: P001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
Continuous Polystyrene Production; Process Lines A&B	Ref. PTI # 08-2280	107 pounds per month of Particulates, 0.64 ton per year of Particulates
	OAC 3745-17-07	20% opacity, as a six-minute average
	40 CFR Part 60 Subpart DDD	See Additional Terms and Conditions 0.62 ton per month of VOC, 7.34 tons per year of VOC;

2. Additional Terms and Conditions

- (a) The particulate emissions shall be controlled by employing a fabric filter with a control efficiency of 99% or greater.
- (b) In accordance with 40 CFR 60 Subpart DDD, the outlet gas stream temperature from each final condenser in the material recovery section shall be maintained at -25 degrees Celsius (-13 degrees Fahrenheit). This provision is a more restrictive limit or condition than what is provided for in OAC 3745-21-09(CC).
- (c) In accordance with 40 CFR 60 Subpart DDD, the permittee shall comply with the requirements specified in 40 CFR Part 60.562-2 Standards: Equipment Leaks of VOC.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature of the outlet gas stream from the condenser when the emissions 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 +/- .9 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

- (a) The average temperature of the outlet gas stream from the condenser during each of the 8 3-hour blocks of time during the day.
- (b) A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

2. Pursuant to 40 CFR Part 60.562-2, the permittee shall comply with the recordkeeping requirements specified in 40 CFR Part 60.486 related to Equipment Leaks of VOC.

D. Reporting Requirements

1. The permittee shall submit temperature deviation (excursion) reports that identify all 3-hour blocks of time during which the average temperature of the outlet gas stream from the condenser exceeded the temperature limitation specified above.
2. Pursuant to 40 CFR Part 60.562-2, the permittee shall comply with the reporting requirements specified in 40 CFR

Part 60.487 related to Equipment Leaks of VOC.

E. **Testing Requirements**

1. The performance test requirements of 40 CFR 60.564 are fulfilled by the continuous monitoring requirements in section C of this permit.

F. **Miscellaneous Requirements**

1. The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source are subject to public disclosure in accordance with OAC rule 3745-49-03.