

Facility ID: 0868090072 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: 0868090072 Emissions Unit ID: P515 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>
Polymer block, granule and pellet manufacturing; Pelletizer 401, Crystallizer tank 408 and pellet dryer 409	OAC rule 3745-31-02(A)(2) PTI 08-03851	The particulate emissions (PE) from this emissions unit shall not exceed 5 lbs per hour and 3.5 tons per year as a rolling 12-month summation.
	OAC rule 3745-17-07	The opacity of the visible particulate emissions from this emissions unit shall not exceed 5% as a six minute average.
	OAC rule 3745-17-11	The emissions limits established by this rule are less stringent than the limits established by OAC rule 3745-31-02(A)(2). The emissions limits established by this rule are less stringent than the limits established by OAC rule 3745-31-02(A)(2).

2. Additional Terms and Conditions

- (a) The 5 lbs/hour PE limitation was established for PTI purposes to reflect potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
The emission limitations for polymer block, granules and pellets manufacturing in emissions unit P515 are based on the maximum annual production limit of 7,000,000 lbs/year, as a 12-month rolling limit and shall not exceed 3.5 tons per year PE, as a 12-month rolling limit.

B. Operational Restrictions

1. Polymer block, granules and pellets manufacturing in emissions unit P515 shall not exceed 7,000,000 lbs/year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:
 - a. The name and identification of each polymer block, granule and pellet manufactured.
 - b. The weight, in tons, of each polymer block, granule and pellet manufactured.
 - c. The PE emissions factor for each polymer block, granule and pellet manufactured, in pounds of PE per ton of product manufactured.
 - d. The total PE for all polymer block, granule and pellet manufactured, in tons per month (the sum of b x c for each polymer block, granule and pellet manufactured).
 - e. The rolling, 12-month summation of the monthly PE from this emissions unit (the sum of the monthly emissions rates calculated in d for the previous 12 months).

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include all exceedances of the rolling 12-month, 7,000,000 pounds polymer block, granules and pellet manufacturing.

E. Testing Requirements

1. Compliance with the emission limitations in this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation-
The PE from this emissions unit shall not exceed 5 lbs/hour.

Applicable Compliance Method-
The 5 lbs/hour PE limitation was developed by multiplying the maximum hourly equipment capacity of 2.5 tons/hr by the engineering emissions estimate of 2.0 lbs/ton for polymer block, grannule and pellet manufacturing.
 - b. Emission Limitation-
The PE from this emissions unit shall not exceed 3.5 tons/year as a rolling 12-month summation.

Applicable Compliance Method-
Compliance shall be determined in accordance with the record keeping requirments of II.C.1 of this pemit and shall be the sum of the PE rates for polymer block, grannule and pellet manufacturing in this emissions unit for the previous 12-months.
 - c. Emissions Limitation-
The opacity of the visible particulate emissions from this emissions unit shall not exceed 5% as a six minute average.

Applicable Compliance Method-
When required, compliance with the 5% visible emissions opacity limit shall be determined through visible emission evaluations performed in accordance with procedures specified in OAC rule 3745-17-03 and according U.S. EPA reference Method 9 of 40 CFR Part 60, Appendix A.

F. **Miscellaneous Requirements**

1. None