

Facility ID: 1431072125 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: 1431072125 Emissions Unit ID: P003 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>
wire descaling process with cartridge filter	OAC rule 3745-31-05 PTI 14-4522	0.66 lb/hr; 2.89 TPY of particulate matter (PM) 0.33 lb/hr; 1.45 TPY of particulate matter less than ten microns in diameter (PM10)
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-11	The PM emission limitation established by this rule is less stringent than that established pursuant to OAC rule 3745-31-05.

2. **Additional Terms and Conditions**
  - (a) None

**B. Operational Restrictions**

1. The pressure drop across the cartridge filter shall be maintained within the range of 0.5 to 5.0 inches of water column while the emissions unit is in operation.

**C. Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the cartridge filter while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the cartridge filter on a once per day basis.

**D. Reporting Requirements**

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the cartridge filter did not comply with the allowable range specified above.

**E. Testing Requirements**

1. Compliance with the emission limitations specified in section A.1. of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation -  
0.66 lb/hr; 2.89 TPY of PM  
0.33 lb/hr; 1.45 TPY of PM10

Applicable Compliance Method -  
Compliance with the above hourly PM and PM10 emission limitations may be determined by using the following equations:

$$PM \text{ (lbs/hr)} = \{(\text{maximum weekly amount of particulate collected in the hopper of the dust collector, in lbs}) \times [(1 - \text{overall removal efficiency}) / \text{overall removal efficiency}] / (\text{weekly hours of operation}); \text{ and}$$

$$PM10 \text{ (lbs/hr)} = PM * (0.50).$$

If required by Ohio EPA, compliance with the hourly PM emission limit shall be demonstrated by performing emission tests in accordance with USEPA Methods 1-5.

Compliance with the above annual PM and PM10 emission limitations is shown as long as compliance with the hourly PM and PM10 emission limitations is maintained (the annual PM and PM10 emission limitations are calculated by multiplying the hourly PM and PM10 emission limitations by 8,760 and dividing by 2,000, respectively).

Emission Limitation -

Visible particulate emissions shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method -

Compliance with the above visible particulate emission limitation shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

**F. Miscellaneous Requirements**

1. If probable cause exists indicating this emissions unit is causing or contributing to a nuisance in violation of OAC rule 3475-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this emissions unit into compliance.