

Facility ID: 0855100420 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.

[Go to Part II for Emissions Unit P010](#)

[Go to Part II for Emissions Unit P023](#)

\*\*\*THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION\*\*\*

Facility ID: 0855100420 Emissions Unit ID: P010 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>
P010 - Welding Wire Draw Bench M5 with Dust Collector DC06	OAC rule 3745-31-05(A)(3) PTI 08-04761	The particulate emissions (PE) from this emissions unit shall not exceed 0.03 lb/hour and 0.12 ton per year (TPY).
	OAC rule 3745-17-11(B)(1)	The visible emissions from this emissions unit shall not exceed 5% opacity, as a six minute average from the fabric filter exhaust.
	OAC rule 3745-17-07	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
  - (a) Compliance with the requirements of OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of a fabric filter control device, pressure drop monitoring, record keeping, reporting and compliance with limits in A.1.

**B. Operational Restrictions**

1. The pressure drop across the fabric filter shall be maintained within the range of 0.5 - 6 inches of water while the emissions unit is operation.

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

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the fabric filter while the emissions unit is in operation. The monitoring equipment shall be installed, 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 fabric filter on a daily basis.

**D. Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the fabric filter did not comply with the allowable range specified above. These quarterly deviation (excursion) reports shall be submitted to the Ohio EPA Central District Office or local air agency by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarter. If no deviations occurred during the calendar quarter, the permittee shall submit a report which states that no deviations occurred during the calendar quarter.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):  
Emission Limitation -  
The particulate emissions from this emissions unit shall not exceed 0.03 lb/hour.

Applicable Compliance Method -

The 0.03 lb/hour limitation is based upon the equation found in OAC rule 3745-17-11, Table I and multiplied by (1-0.98), the fabric filter control efficiency. If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(10).

Emission Limitation -

The particulate emissions from this emissions unit shall not exceed 0.12 TPY.

Applicable Compliance Method -

The 0.12 TPY emission limitation was developed by multiplying the 0.03 lb/hour limit by the maximum operating schedule of 8,281 hours/year, divided by 2,000 pounds per ton. Therefore, provided compliance is shown with the hourly, compliance is also shown with the annual allowable mass emission rate.

Emission Limitation -

The visible emissions from this emissions unit shall not exceed 5% opacity, as a six-minute average.

Applicable Compliance Method -

If required, compliance 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. This emissions unit was modified to in May 2006 to add a hood and ventilation system and discharges particulate emissions through dust collector DC06.

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**Facility ID: 0855100420 Emissions Unit ID: P023 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>
P023 - Welding Wire Draw Bench M6 with Dust Collector DC06	OAC rule 3745-31-05(A)(3) PTI 08-04761	The particulate emissions (PE) from this emissions unit shall not exceed 0.03 lb/hour and 0.12 ton per year (TPY).
	OAC rule 3745-17-11(B)(1)	The visible emissions from this emissions unit shall not exceed 5% opacity, as a six minute average from the fabric filter exhaust.
	OAC rule 3745-17-07	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
  - (a) Compliance with the requirements of OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of a fabric filter control device, pressure drop monitoring, record keeping, reporting and compliance with limits in A.1.

**B. Operational Restrictions**

1. The pressure drop across the fabric filter shall be maintained within the range of 0.5 - 6 inches of water while the emissions unit is operation.

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

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the fabric filter while the emissions unit is in operation. The monitoring equipment shall be installed, 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 fabric filter on a daily basis.

**D. Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the fabric filter did not comply with the allowable range specified above. These quarterly deviation (excursion) reports shall be submitted to the Ohio EPA Central District Office or local air agency by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarter. If no deviations occurred during the calendar quarter, the permittee shall submit a report which states that no deviations occurred during the calendar quarter.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):  
Emission Limitation -  
The particulate emissions from this emissions unit shall not exceed 0.03 lb/hour.  
  
Applicable Compliance Method -  
The 0.03 lb/hour limitation is based upon the equation found in OAC rule 3745-17-11, Table I and multiplied by (1-0.98), the fabric filter control efficiency. If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(10).  
Emission Limitation -  
The particulate emissions from this emissions unit shall not exceed 0.12 TPY.  
  
Applicable Compliance Method -  
The 0.12 TPY emission limitation was developed by multiplying the 0.03 lb/hour limit by the maximum operating schedule of 8,281 hours/year, divided by 2,000 pounds per ton. Therefore, provided compliance is shown with the hourly, compliance is also shown with the annual allowable mass emission rate.  
Emission Limitation -  
The visible emissions from this emissions unit shall not exceed 5% opacity, as a six-minute average.  
  
Applicable Compliance Method -  
If required, compliance 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. None