

Facility ID: 0812100539 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 P901](#)  
[Go to Part II for Emissions Unit P902](#)

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Facility ID: 0812100539 Emissions Unit ID: P901 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>
140 TPH Primary Impact Crusher; portable emissions unit.	3745-31-05(A)(3) PTI 08-3571	0.10 lb/hr and 0.03 TPY particulate  15% opacity, as a 6-minute average  The requirements of this rule also include compliance with the requirements of NSPS, 40 CFR Part 60, Subpart OOO  The requirements of this rule also include compliance with the requirements of 3745-1707(B)(1) and 3745-17-08(B) (See Section A.2.b.)
	OAC rule 3745-17-07(B)(1)	The visible emission fugitive dust shall not exceed 20% opacity, as a 3-minute average (See section A.2.b.)
	OAC rule 3745-17-08(B)	Reasonably available control measures (RACM) (See Section A.2.b. and 2.c.)

**2. Additional Terms and Conditions**

- (a) The hourly emission limitation was established to reflect the 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 rule is applicable only when the emission unit is located in an Appendix A area, as specified in OAC 3745-17-08. The aggregate materials processed through the primary crusher shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer point (s), so that compliance with the opacity requirement(s) specified above is continuously maintained.

**B. Operational Restrictions**

1. None

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

1. The permittee shall maintain monthly records of the total aggregate materials produced in this facility.
2. The permittee shall conduct visible emission evaluations at a minimum annually or upon relocation of the emissions unit. The VE evaluations shall be performed during the period of May 1 through September 30. The duration of the Method 9 observations shall be 1 hour at a minimum (ten 6-minute averages and, if applicable, twenty 3-minute averages)

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any Method 9 evaluation that did not demonstrate compliance with the opacity requirement(s) specified above. The

notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA DO or Iaa) within 30 days after the exceedance occurs.

**E. Testing Requirements**

1. Compliance with the emission limitations in this permit for emissions unit P901 shall be determined in accordance with the following method(s):
  - Emission Limitation-  
0.10 lb/hr particulates
  - Applicable Compliance Method-  
Compliance shall be determined by multiplying the maximum hourly production rate of 140 tons/hour by the emission factor of 0.00070 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).  
Emission Limitation-  
0.03 ton/yr particulate
  - Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in section C.1., summing the 12 monthly production records for the calendar year, and then multiplying the sum by the emission factor of 0.00070 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and dividing by 2,000 pounds per ton.  
Emission Limitation-  
15% opacity, as a 6-minute average
  - Applicable Compliance Method-  
Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.  
Emission Limitation-  
20% opacity, as a 3-minute average
  - Applicable Compliance Method-  
Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Reference Method 9.

**F. Miscellaneous Requirements**

1. Notice to Relocate a Portable or Mobile Source
  - Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:
    - a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;
    - b. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
    - c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Director (the appropriate Ohio EPA District Office and/or local agency having jurisdiction over the new site) within a minimum of thirty days prior to the scheduled relocation; and
    - d. in the Director's (the appropriate Ohio EPA District Office and/or local Agency) judgement, the proposed site is acceptable under the rule 3745-15-07 of the Ohio Administrative Code.
2. Under OAC rule 3745-31-05(F), portable or mobile emission sources may relocate to sites that have been approved by the Director. The permittee may relocate the portable or mobile emission sources listed in this permit if:
  - a. the permittee has applied for and obtained a site approval for the new site from the Director;
  - b. the site approval is current and effective;
  - c. the permittee has complied with all of the conditions and restrictions contained in the site approval; and
  - d. the permittee has provided the appropriate Ohio EPA District Office and/or local agency having jurisdiction over the new site at least 15 days written notice of the relocation.
3. Any site approvals issued by the Ohio EPA, pursuant to F.2. above, shall be valid for no longer than three years and are subject to renewal.
 

In order for the Director and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the Director (451 W. Third Street, Dayton, OH 45422) and the appropriate field office having jurisdiction over the new site. Upon receipt of the notice, the Director and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

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Facility ID: 0812100539 Emissions Unit ID: P902 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>
150 TPH Maximum Screening Plant; portable emissions unit.	3745-31-05(A)(3) PTI 08-3571	2.25 lb/hr and 0.68 TPY particulate  10% opacity, as a 6-minute average  The requirements of this rule also include compliance with the requirements of NSPS, 40 CFR Part 60, Subpart OOO  The requirements of this rule also include compliance with the requirements of 3745-1707(B)(1) and 3745-17-08(B) (See Section A.2.b).
	OAC rule 3745-17-07(B)(1)	The visible emission fugitive dust shall not exceed 20% opacity, as a 3-minute average (See section A.2.b).
	OAC rule 3745-17-08(B)	Reasonably available control measures (RACM) (See Section A.2.b. and 2.c.)

**2. Additional Terms and Conditions**

- (a) The hourly emission limitation was established to reflect the 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 rule is applicable only when the emission unit is located in an Appendix A area, as specified in OAC 3745-17-08. The aggregate materials processed through the primary crusher shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer point (s), so that compliance with the opacity requirement(s) specified above is continuously maintained.

**B. Operational Restrictions**

1. None

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

1. The permittee shall maintain monthly records of the total aggregate materials produced in this facility.
2. The permittee shall conduct visible emission evaluations at a minimum annually or upon relocation of the emissions unit. The VE evaluations shall be performed during the period of May 1 through September 30. The duration of the Method 9 observations shall be 1 hour at a minimum (ten 6-minute averages and, if applicable, twenty 3-minute averages)

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any Method 9 evaluation that did not demonstrate compliance with the opacity requirement(s) specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA DO or laa) within 30 days after the exceedance occurs.

**E. Testing Requirements**

1. Compliance with the emission limitations in this permit for emissions unit P902 shall be determined in accordance with the following method(s):  
Emission Limitation-  
2.25 lb/hr particulates  
  
Applicable Compliance Method-  
Compliance shall be determined by multiplying the maximum hourly production rate of 150 tons/hour by the emission factor of 0.015 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).  
Emission Limitation-  
0.68 ton/yr particulate  
  
Applicable Compliance Method-

Compliance shall be based upon the record keeping specified in section C.1., summing the 12 monthly production records for the calendar year, and then multiplying the sum by the emission factor of 0.015 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and dividing by 2,000 pounds per ton.

Emission Limitation-  
10% opacity, as a 6-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.

Emission Limitation-  
20% opacity, as a 3-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Reference Method 9.

**F. Miscellaneous Requirements**

1. Notice to Relocate a Portable or Mobile Source

Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

- a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;
- b. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
- c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Director (the appropriate Ohio EPA District Office and/or local agency having jurisdiction over the new site) within a minimum of thirty days prior to the scheduled relocation; and
- d. in the Director's (the appropriate Ohio EPA District Office and/or local Agency) judgement, the proposed site is acceptable under the rule 3745-15-07 of the Ohio Administrative Code.

2. Under OAC rule 3745-31-05(F), portable or mobile emission sources may relocate to sites that have been approved by the Director. The permittee may relocate the portable or mobile emission sources listed in this permit if:

- a. the permittee has applied for and obtained a site approval for the new site from the Director;
- b. the site approval is current and effective;
- c. the permittee has complied with all of the conditions and restrictions contained in the site approval; and
- d. the permittee has provided the appropriate Ohio EPA District Office and/or local agency having jurisdiction over the new site at least 15 days written notice of the relocation.

3. Any site approvals issued by the Ohio EPA, pursuant to F.2. above, shall be valid for no longer than three years and are subject to renewal.

In order for the Director and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the Director (451 W. Third Street, Dayton, OH 45422) and the appropriate field office having jurisdiction over the new site. Upon receipt of the notice, the Director and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.