



Synthetic Minor Determination and/or **Netting Determination**

Permit To Install 15-01259

A. Source Description

Ohio Cast Products (OCP) installed a sand shakeout with a conveyor.

B. Facility Emissions and Attainment Status

OCP is a "major" stationary source, as defined in the OAC rule 3745-31-01(SS), because the potential to emit (PTE) of PM is more than 100 tons/yr (OCP meets the definition of one of the 26 categories of stationary sources). OCP is in Stark County, Ohio. Stark County is attainment for all criteria pollutants.

C. Source Emissions

Without restrictions on hours of operation and tons of metal processed, the PTE for PM10 is 19.62 tons/yr, which is more than 15 tons/yr which is a "significant" level as defined in OAC rule 3745-31-01(OOO). All of the other criteria pollutants are less than the "significant" levels. OCP is accepting federally enforceable limits of 5,750 hours of operation per rolling, 12-month period and a limit of 76,500 tons of metal per rolling, 12-month period.

D. Conclusion

With the federally enforceable limits that OCP is accepting, the PTE for PM10 is reduced to 12.1 tons/yr, which is less than the significant level for PM10 of 15 tons/yr. Thus, OCP will avoid a "major" PSD modification.



State of Ohio Environmental Protection Agency

**RE: DRAFT PERMIT TO INSTALL MODIFICATION
STARK COUNTY**

CERTIFIED MAIL

Street Address:Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.
Center

Application No: 15-01259

DATE: 10/18/2001

Ohio Cast Products, Inc.
Charles Ferra
2408 13th Street NE
Canton, OH 44705

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit modification should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install modification may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install modification a fee of \$ 500 will be due. Please do not submit any payment now.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Very truly yours,

Thomas G. Rigo
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

Canton LAA

Stark Co Area Trans Study

WV

PA



Permit To Install

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Terms and Conditions

DRAFT MODIFICATION OF PERMIT TO INSTALL 15-01259

Application Number: 15-01259
APS Premise Number: 1576050200
Permit Fee: **To be entered upon final issuance**
Name of Facility: Ohio Cast Products, Inc.
Person to Contact: Charles Ferra
Address: 2408 13th Street NE
Canton, OH 44705

Location of proposed air contaminant source(s) [emissions unit(s)]:
2408 13th Street NE
Canton, Ohio

Description of proposed emissions unit(s):
Changing allowables for P901.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

A. State and Federally Enforceable Permit To Install General Terms and Conditions**1. Monitoring and Related Recordkeeping and Reporting Requirements**

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See B.10 below if no deviations occurred during the quarter.
 - iii. Written reports, which identify any deviations from the federally enforceable

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monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition

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depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

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6. General Requirements

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit To Install fees within 30 days after the issuance of this Permit To Install.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the

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U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
 - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Source Operation and Operating Permit Requirements After Completion of Construction

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing

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operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the source(s) covered by this permit.

11. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

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B. State Only Enforceable Permit To Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

4. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

5. Termination of Permit To Install

This permit to install shall terminate within eighteen months of the effective date of the permit to install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

6. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

7. Public Disclosure

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.

8. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

9. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit To Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

10. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating

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Parameter Limitations (See Section A of This Permit)

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PTI Application: 15-01250
Issued

Facility ID: 1576050200

Emissions Unit ID: P901

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

C. Permit To Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

<u>Pollutant</u>	<u>Tons Per Year</u>
PM	14.68
PM10	12.1
VOC	23.1

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Ohio (

PTI A

Emissions Unit ID: P901

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Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

None

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Ohio (
PTI A

Emissions Unit ID: P901

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Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(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 specified in narrative form following the table.

Operations, Property,
and/or Equipment

Applicable Rules/Requirements

OAC rule 3745-17-07(A)

P901 - Sand shakeout and conveyor with baghouse.
OAC rule 3745-31-05(A)(3)

OAC rule 3745-17-07(B)

(This is an Administrative Modification of PTI 15-1259 issued on November 14, 1996.)

OAC rule 3745-17-08(B)

OAC rule 3745-17-11(B)(1)

OAC rule 3745-15-06(D)

Ohio (
PTI A

Emissions Unit ID: P901

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Applicable Emissions
Limitations/Control
Measures

Particulate stack emissions shall not exceed 2.11 pounds per hour and 6.07 tons per year. (See A.I.2.c. below.)

Fugitive particulate emissions shall not exceed 3.38 pounds per hour and 8.61 tons per year.

PM10 stack emissions shall not exceed 2.11 pounds per hour and 6.07 tons per year.

PM10 fugitive emissions shall not exceed 2.37 pounds per hour and 6.03 tons per year.

Volatile Organic Compound (VOC) emissions shall not exceed 9.06 pounds per hour and 23.1 tons per year.

The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and (B), 3745-17-08(B) and 3745-15-06(D).

See section A.I.2.d.

Visible particulate emissions from the stack shall not exceed 20% opacity, as a six-minute average, except

as provided by rule.

See sections A.I.2.a. and A.I.2.b below.

Reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See section A.I.2.b. below.)

See A.I.2.c. below.

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

See A.III.3. below.

Emissions Unit ID: P901

2. Additional Terms and Conditions

- 2.a** Visible particulate emissions from any fugitive dust source shall not exceed 20% opacity, as a three-minute average. For the purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
- 2.b** The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of reasonably available control measures (RACM). These measures shall include, but not be limited to, the following:
- i. the installation and use of hoods, fans, and other equipment to adequately enclose, contain, capture, and vent the fugitive dust; and
 - ii. the collection efficiency shall be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design.
- 2.c** The hourly particulate stack emission rate is calculated at an outlet loading not to exceed 0.006 gr/dscf of airflow from the BACT baghouse.
- 2.d** This emissions unit shall be equipped with overhead duct hoods at the inlet and outlet of the shakeout drum. The PM/PM10 emissions from the conveyor section of this emissions unit need not be controlled.
- 2.e** This PTI is an Administrative Modification of PTI 15-1259, as issued November 14, 1996.

II. Operational Restrictions

1. The maximum annual metal castings processed from this emissions unit shall not exceed 76,500 tons, based upon a rolling, twelve-month summation of the metal castings processed.
2. The maximum annual operating hours for this emissions unit shall not exceed 5,750 hours, based upon a rolling, twelve-month summation of the hours this emissions unit operated.
3. The pressure drop across the BACT baghouse shall be maintained within the range of 2 to 6 inches of water while the emissions unit is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the BACT baghouse 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 following in the operations log:

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- a. pressure drop across the baghouse for each day of operation; and
 - b. a log or record of downtime for the control device and monitoring equipment when the associated emissions unit is in operation.
2. The permittee shall perform daily checks for visible particulate emissions from the non-stack egress points from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any abnormal visible emission incident; and
 - e. any corrective actions taken to eliminate the abnormal visible emissions.

Note: The presence of any visible particulate emissions may or may not indicate a violation of the particulate mass emissions limitation and/or visible emission limitation. If required by the Canton local air agency, compliance with the particulate mass emission limitation and the visible emission limitation shall be determined by performing concurrent mass emission tests and visible emissions readings, using USEPA methods and procedures. The results of any required emissions tests and visible emission readings shall be used in determining whether or not the presence of any visible particulate emissions is indicative of a possible violation of the particulate mass emission limitation and/or visible emission limitation.

3. The permittee shall maintain this emissions unit and associated air pollution control equipment in accordance with the Preventative Maintenance and Malfunction Abatement Plan (PM&MAP) once approved by the Canton City Health Department, APC Division, in accordance with OAC rule 3745-15-06(D). Any changes in the PM&MAP shall be approved in writing by Ohio EPA prior to implementation.

The permittee shall maintain a daily record of the control device operation in the monitoring log for each day of emission unit operation, in accordance with procedures outlined in the PM&MAP.

Emissions Unit ID: P901

4. The permittee shall maintain records of the following information:
 - a. a summation of the tons of metal casting processed for each day;
 - b. a summation of the daily operating hours for this emissions unit;
 - c. a summation of the tons of metal castings processed for each month during the rolling, 12-month period; and
 - d. a summation of the hours of operation for each month during the rolling, 12-month period.

IV. Reporting Requirements

1. In accordance with paragraph A.2.b. of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports for the following:
 - a. all exceedances of the rolling, 12-month operational restriction on tons of metal castings processed as specified in A.II.1. above and determined through recordkeeping in A.III.4.c above;
 - b. all exceedances of the rolling, 12-month operational restriction on hours of operation as specified in A.II.1. above and determined through recordkeeping in A.III.4.d; above;
 - c. any exceedance of the visible particulate emission limitation specified in A.I.1. above, as determined through monitoring in A.III.3. above; and
 - d. all exceedances during which the pressure drop across the fabric filter did not comply with the allowable range specified in restriction A.II.3., as determined through monitoring in A.III.1. above and any actions taken to return the pressure drop to a compliant operating range.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any abnormal visible emissions were observed from the non-stack egress points from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the abnormal visible emissions. These reports shall be submitted to the Director (Canton local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

V. 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):
 - a. Emissions Limitation:
Particulate stack emissions shall not exceed 2.11 pounds per hour.

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Applicable Compliance Method:

Compliance shall be determined for the hourly emission rate by multiplying the grain loading from the BACT baghouse by the maximum flow rate from the duct capturing emissions from this emissions unit:

Stack BACT BH @ 41,000 cfm x 0.006 gr/dscf x 60 min/hr x 1 lb/7,000 gr = 2.11 lbs particulate/hr.

If required, the permittee shall conduct, or have conducted, emission testing for this emissions unit. If testing is required, compliance with the mass emission limit (lbs/hr) for the particulate matter shall be determined by multiplying the gas flow rate from the emissions unit by the measured grain loading at the baghouse's exhaust (gr/dscf). The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): 40 CFR Part 60 Appendix A, Methods 1-5 - if applicable. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

- b. Emissions Limitation:
Particulate stack emissions shall not exceed 6.07 tons/year.

Applicable Compliance Method:

The hourly emissions limit is 2.11 lbs particulate/hr and the annual limit on hours of operation is 5,750 hrs/yr.

$5,750 \text{ hrs} \times 2.11 \text{ lbs particulate/hr (or factor determined based on emission test results)} \times 1 \text{ ton}/2,000 \text{ lbs} = 6.07 \text{ tons particulate/yr}$

- c. Emissions Limitation:
Fugitive particulate emissions shall not exceed 3.38 pounds per hour.

Applicable Compliance Method:

Compliance shall be determined by multiplying the maximum hourly process weight rate (15 tons metal/hr) times uncontrolled emission factor (based on 12/15/97 stack test)(45 lbs part./ton of metal) times

1-capture efficiency of hooding (99.5%).

$15 \text{ tons metal/hr} \times 45 \text{ lbs part./ton of metal} \times (1-0.995) = 3.38 \text{ lbs part./hr}$

- d. Emissions Limitation:
Fugitive particulate emissions shall not exceed 8.61 tons per year.

Emissions Unit ID: P901

Applicable Compliance Method:

Compliance shall be determined by multiplying the maximum annual process weight rate (76,500 tons metal/yr) times uncontrolled emission factor (based on 12/15/97 stack test)(45 lbs part./ton of metal) times the 1-capture efficiency of hooding (99.5%) times 1 ton/2000 lbs.

$76,500 \text{ tons metal/yr} \times 45 \text{ lbs part./ton of metal} \times 1-0.995 \times 1 \text{ ton}/2,000 \text{ lbs} = 8.61 \text{ tons part./yr}$

- e. Emissions Limitation:
 PM10 stack emissions shall not exceed 2.11 pounds per hour.

Applicable Compliance Method:

Compliance shall be determined for the hourly emission rate by multiplying the grain loading from the BACT baghouse by the maximum flow rate from the duct capturing emissions from this emissions unit:

$\text{Stack BACT BH @ } 41,000 \text{ cfm} \times 0.006 \text{ gr/dscf} \times 60 \text{ min/hr} \times 1 \text{ lb}/7,000 \text{ gr} = 2.11 \text{ lbs particulate/hr}$

If required, the permittee shall conduct, or have conducted, emission testing for this emissions unit. If testing is required, compliance with the mass emission limit (lbs/hr) for the particulate matter shall be determined by multiplying the gas flow rate from the emissions unit by the measured grain loading at the baghouse's exhaust (gr/dscf). The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): 40 CFR Part 60 Appendix A, Methods 1-5 - if applicable. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

- f. Emissions Limitation:
 PM10 stack emissions shall not exceed 6.07 tons/year.

Applicable Compliance Method:

The hourly emissions limit is 2.11 lbs PM10/hr, and the annual limit on hours of operation is 5,750 hrs/yr.

$5,750 \text{ hrs} \times 2.11 \text{ lbs PM10/hr (or factor determined based on emission test results)} \times 1 \text{ ton}/2,000 \text{ lbs} = 6.07 \text{ tons PM10/yr}$

- g. Emissions Limitation:
 Fugitive PM10 emissions shall not exceed 2.37 pounds/hour.

Applicable Compliance Method:

Compliance shall be determined by multiplying the maximum hourly process weight rate (15 tons metal/hr) times uncontrolled emission factor (based on 12/15/97 stack test)(45 lbs part./ton of metal) times the 1-capture efficiency of hooding (99.5%) times the conversion factor from particulate to PM10 (0.7).

Issued: To be entered upon final issuance

15 tons metal/hr X 45 lbs PM10/ton of metal X (1-0.995) X 0.7 = 2.37 lbs PM10/hr

- h. Emissions Limitation:
Fugitive PM10 emissions shall not exceed 6.03 tons/year.

Applicable Compliance Method:

Compliance shall be determined by multiplying the maximum annual process weight rate (76,500 tons metal/hr) times uncontrolled emission factor (based on 12/15/97 stack test)(45 lbs part./ton of metal) times the 1-capture efficiency of hooding (99.5%) times the conversion factor from particulates to PM10 (0.7) times 1 ton/2000 lbs.

76,500 tons metal/yr X 45 lbs part./ton of metal X (1-0.995) X 0.7 X 1 ton/2000 lbs = 6.03 tons PM10/yr

- i. Emissions Limitation:
Volatile Organic Compound (VOC) emissions shall not exceed 9.06 pounds per hour.

Applicable Compliance Method:

Compliance shall be determined for the hourly emission rate by multiplying the 7/30/97 stack test emission factor of 0.604 lb VOC /ton metal times the maximum process weight rate of 15 tons metal/hr to equal 9.06 lbs VOC/hr. If required, the permittee shall demonstrate compliance with this emissions limit through emissions tests performed in accordance with 40 CFR Part 60, Appendix A, Method 25 or Method 25A

- j. Emissions Limitation:
Volatile Organic Compound (VOC) emissions shall not exceed 23.1 tons per year.

Applicable Compliance Method:

Compliance shall be determined by multiplying the 7/30/97 stack test emission factor of 0.604 lb OC/ton metal times the maximum process weight rate and by monitoring under term A.III.4.b. above.

0.604 lb OC /ton metal(or factor based on emission stack test) x 76,500 tons metal/yr x 1 ton/2,000 lbs = 23.1 tons OC/yr.

- k. Emissions Limitation:
Visible particulate emissions from the stack shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated by visible emissions monitoring performed in accordance with 40 CFR Part 60, Appendix A, Method 9 using the methods and

Ohio Cast Products, Inc.
PTI Application: 15-01250
Issued

Facility ID: 1576050200

Emissions Unit ID: P901

procedures specified in OAC rule 3745-17-03(B)(1).

1. Emission Limitation:
Visible particulate emissions from any fugitive dust source shall not exceed 20% opacity, as a three-minute average, except as provided by rule.

Ohio ()
PTI A

Emissions Unit ID: P901

Issued: To be entered upon final issuance

Applicable Compliance Method:

Compliance shall be based upon the recordkeeping requirements specified in section A.III.2. of this permit and, if required, compliance shall be demonstrated by visible emissions monitoring performed in accordance with 40 CFR Part 60, Appendix A, Method 9 using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

Issued: To be entered upon final issuance

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 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>
P901 - Sand shakeout and conveyor with baghouse.		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

NEW SOURCE REVIEW FORM B

PTI Number: 15-01259 Facility ID: 1576050200

FACILITY NAME Ohio Cast Products, Inc.

FACILITY DESCRIPTION Changing allowables for P901. CITY/TWP Canton

SIC CODE 3321 SCC CODE 30400333 EMISSIONS UNIT ID P901

EMISSIONS UNIT DESCRIPTION Sand shakeout and conveyor with baghouse.

DATE INSTALLED 6/96

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment			stack 2.11 lb/hr fugitive 3.38 lb/hr	14.68
PM ₁₀	Attainment			stack 2.11 lb/hr fugitive 2.37 lb/hr	12.1
Sulfur Dioxide					
Volatile Organic Compounds	Attainment			9.06 lbs/hr	23.1
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination 99.5% capture and 0.006 grains/dscf from stack

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ 900,000

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES X NO

IDENTIFY THE AIR CONTAMINANTS:

Ohio EPA Permit to Install Information Form Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit **hard copy items to Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to airpti@epa.state.oh.us

Please fill out the following. If the checkbox does not work, replace it with an 'X'

	Electronic	Additional information File Name Convention (your PTI # plus this letter)	Hard Copy	None
Calculations (required)	<input checked="" type="checkbox"/>	0000000c.wpd	<input type="checkbox"/>	
Modeling form/results	<input type="checkbox"/>	0000000s.wpd	<input type="checkbox"/>	<input type="checkbox"/>

NEW SOURCE REVIEW FORM B

PTI Number: 15-01259 Facility ID: 1576050200

FACILITY NAME Ohio Cast Products, Inc.

FACILITY DESCRIPTION	Changing allowables for P901.	CITY/TWP	Canton	
PTI Application (complete or partial)*	<input type="checkbox"/>	0000000a.wpd	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BAT Study	<input type="checkbox"/>	0000000b.wpd	<input type="checkbox"/>	<input type="checkbox"/>
PTI 15-1259	<input type="checkbox"/>	0000000t.wpd	<input checked="" type="checkbox"/>	<input type="checkbox"/>

* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

NSR Discussion

PTI 15-1259 was issued on 11/14/1996. The permittee has submitted a request to modify this PTI based on the data acquired from stack tests conducted on 7/30/97 and 12/18/97.

Information from 12/18/97 Stack Test

Airflow was 41,000 scfm from duct capturing the emissions from this emissions unit out of a total of 147,000 scfm. Emission factor of 45 tons PM/ton of metal based on the measurement of the PM emissions captured.

Stack PM/PM10 Emissions

$0.006 \text{ grain/dscf} \times 41,000 \text{ scfm} \times 60 \text{ min/hr} \times 1 \text{ lb/7000 grains} = 2.11 \text{ lbs/hr}$

$2.11 \text{ lbs/hr} \times 5750 \text{ hrs/yr} \times 1 \text{ ton/2000 lbs} = 6.07 \text{ tons/yr}$

Fugitive PM Emissions

Emission Factor = 45 lbs PM/ton of metal

Maximum PWR = 15 tons metal/hr

Capture Efficiency = 99.5%

Maximum Annual Production = 76,500 tons metal/yr

$45 \text{ lbs PM/ton of metal} \times 15 \text{ tons metal/hr} \times 0.005 = 3.38 \text{ lbs PM/hr}$

$76,500 \text{ tons metal/yr} \times 45 \text{ lbs PM/ton of metal} \times 0.005 \times 1 \text{ ton/2000 lbs} = 8.61 \text{ tons PM/yr}$

Fugitive PM10 Emissions

70% of PM is PM10

$3.38 \text{ lbs PM/hr} \times 0.7 \text{ PM10/PM} = 2.37 \text{ lbs PM10/hr}$

$8.61 \text{ tons PM/yr} \times 0.7 \text{ PM10/PM} = 6.03 \text{ tons PM10/yr}$

PM Stack + PM Fugitive = Total PM

$2.11 \text{ lbs/hr} + 3.38 \text{ lbs/hr} = 5.49 \text{ lbs/hr}$

$6.07 \text{ tons/yr} + 8.61 \text{ tons/yr} = 14.68 \text{ tons/yr}$

PM10 Stack + PM10 Fugitive = Total PM10

$2.11 \text{ lbs/hr} + 2.37 \text{ lbs/hr} = 4.48 \text{ lbs/hr}$

NEW SOURCE REVIEW FORM B

PTI Number: 15-01259 Facility ID: 1576050200

FACILITY NAME Ohio Cast Products, Inc.

FACILITY DESCRIPTION Changing allowables for P901. CITY/TWP Canton

6.07 tons/yr + 6.03 tons/yr = 12.10 tons/yr

PM Potential to Emit Without Restrictions

Stack

2.11 lbs PM/hr x 8,760 hrs/yr x 1 ton/2,000 lbs = 9.24 tons PM/yr

Fugitive

3.38 lbs PM/hr x 8,760 hrs/yr x 1 ton/2,000 lbs = 14.80 tons PM/yr

Stack + Fugitive = Total

9.24 tons PM/yr + 14.80 tons PM/yr = 24.04 tons PM/yr

PM10 Potential to Emit Without Restrictions

Stack

2.11 lbs PM10/hr x 8,760 hrs/yr x 1 ton/2,000 lbs = 9.24 tons PM10/yr

Fugitive

2.37 tons PM10/hr x 8,760 hrs/yr x 1 ton/2,000 lbs = 10.38 tons PM10/yr

Stack + Fugitive = Total

9.24 tons PM10/yr + 10.38 tons PM10/yr = 19.62 tons PM10/yr

VOC

Emission Factor from 7/30/97 Stack test = 0.604 lb VOC/ton of metal

Maximum PWR = 15 tons metal/hr

Limit of metal processed per year = 76,500 tons/yr

0.604 lb VOC/ton of metal x 15 tons metal/hr = 9.06 lbs VOC/hr

0.604 lb VOC/ton of metal x 76,500 tons metal/yr x 1 ton/2,000 lbs = 23.1 tons VOC/yr

PTE Without Restrictions

9.06 lbs VOC/hr x 8760 hrs/yr x 1 ton/2000 lbs = 39.68 tons VOC/yr

Please complete for these type permits ([For PSD/NSR Permit, place mouse over this text](#)):

Synthetic Minor Determination and/or Netting Determination
Permit To Install ENTER PTI NUMBER HERE

A. Source Description

NEW SOURCE REVIEW FORM B

PTI Number: 15-01259 Facility ID: 1576050200

FACILITY NAME Ohio Cast Products, Inc.

FACILITY DESCRIPTION Changing allowables for P901. CITY/TWP Canton

Ohio Cast Products (OCP) installed a sand shakeout with a conveyor.

B. Facility Emissions and Attainment Status

OCP is a "major" stationary source, as defined in the OAC rule 3745-31-01(SS), because the potential to emit (PTE) of PM is more than 100 tons/yr (OCP meets the definition of one of the 26 categories of stationary sources). OCP is in Stark County, Ohio. Stark County is attainment for all criteria pollutants.

C. Source Emissions

Without restrictions on hours of operation and tons of metal processed, the PTE for PM10 is 19.62 tons/yr, which is more than 15 tons/yr which is a "significant" level as defined in OAC rule 3745-31-01(OOO). All of the other criteria pollutants are less than the "significant" levels. OCP is accepting federally enforceable limits of 5,750 hours of operation per rolling, 12-month period and a limit of 76,500 tons of metal per rolling, 12-month period.

D. Conclusion

With the federally enforceable limits that OCP is accepting, the PTE for PM10 is reduced to 12.1 tons/yr, which is less than the significant level for PM10 of 15 tons/yr. Thus, OCP will avoid a "major" PSD modification.

Please complete:

**SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
PM	14.68
PM10	12.1
VOC	23.1

NEW SOURCE REVIEW FORM B

PTI Number: 15-01259 Facility ID: 1576050200

FACILITY NAME Ohio Cast Products, Inc.

FACILITY DESCRIPTION Changing allowables for P901. CITY/TWP Canton

Ohio EPA Permit to Install Information Form Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit **hard copy items to Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to airpti@epa.state.oh.us

Please fill out the following. If the checkbox does not work, replace it with an 'X'

	<u>Electronic</u>	<u>Additional information File Name Convention (your PTI # plus this letter)</u>	<u>Hard Copy</u>	<u>None</u>
<u>Calculations (required)</u>	<input checked="" type="checkbox"/>	0000000c.wpd	<input type="checkbox"/>	
Modeling form/results	<input type="checkbox"/>	0000000s.wpd	<input type="checkbox"/>	<input type="checkbox"/>
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BAT Study	<input type="checkbox"/>	0000000b.wpd	<input type="checkbox"/>	<input type="checkbox"/>
PTI 15-1259	<input type="checkbox"/>	0000000t.wpd	<input checked="" type="checkbox"/>	<input type="checkbox"/>

* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

NSR Discussion

PTI 15-1259 was issued on 11/14/1996. The permittee has submitted a request to modify this PTI based on the data acquired from stack tests conducted on 7/30/97 and 12/18/97.

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Emission Factor = 45 lbs PM/ton of metal
Maximum PWR = 15 tons metal/hr
Capture Efficiency = 99.5%
Maximum Annual Production = 76,500 tons metal/yr

$$45 \text{ lbs PM/ton of metal} \times 15 \text{ tons metal/hr} \times 0.005 = 3.38 \text{ lbs PM/hr}$$

$$76,500 \text{ tons metal/yr} \times 45 \text{ lbs PM/ton of metal} \times 0.005 \times 1 \text{ ton/2000 lbs} = 8.61 \text{ tons PM/yr}$$

NEW SOURCE REVIEW FORM B

PTI Number: 15-01259 Facility ID: 1576050200

FACILITY NAME Ohio Cast Products, Inc.

FACILITY DESCRIPTION	CITY/TWP
Changing allowables for P901.	Canton

Fugitive PM10 Emissions

70% of PM is PM10

$$3.38 \text{ lbs PM/hr} \times 0.7 \text{ PM}_{10}/\text{PM} = 2.37 \text{ lbs PM}_{10}/\text{hr}$$

$$8.61 \text{ tons PM/yr} \times 0.7 \text{ PM}_{10}/\text{PM} = 6.03 \text{ tons PM}_{10}/\text{yr}$$

PM Stack + PM Fugitive = Total PM

$$2.11 \text{ lbs/hr} + 3.38 \text{ lbs/hr} = 5.49 \text{ lbs/hr}$$

$$6.07 \text{ tons/yr} + 8.61 \text{ tons/yr} = 14.68 \text{ tons/yr}$$

PM10 Stack + PM10 Fugitive = Total PM10

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PM Potential to Emit Without Restrictions

Stack

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Fugitive

$$3.38 \text{ lbs PM/hr} \times 8,760 \text{ hrs/yr} \times 1 \text{ ton}/2,000 \text{ lbs} = 14.80 \text{ tons PM/yr}$$

Stack + Fugitive = Total

$$9.24 \text{ tons PM/yr} + 14.80 \text{ tons PM/yr} = 24.04 \text{ tons PM/yr}$$

PM10 Potential to Emit Without Restrictions

Stack

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Fugitive

$$2.37 \text{ tons PM}_{10}/\text{hr} \times 8,760 \text{ hrs/yr} \times 1 \text{ ton}/2,000 \text{ lbs} = 10.38 \text{ tons PM}_{10}/\text{yr}$$

Stack + Fugitive = Total

$$9.24 \text{ tons PM}_{10}/\text{yr} + 10.38 \text{ tons PM}_{10}/\text{yr} = 19.62 \text{ tons PM}_{10}/\text{yr}$$

VOC

Emission Factor from 7/30/97 Stack test = 0.604 lb VOC/ton of metal

Maximum PWR = 15 tons metal/hr

Limit of metal processed per year = 76,500 tons/yr

NEW SOURCE REVIEW FORM B

PTI Number: 15-01259 Facility ID: 1576050200

FACILITY NAME Ohio Cast Products, Inc.

FACILITY DESCRIPTION Changing allowables for P901. CITY/TWP Canton

$0.604 \text{ lb VOC/ton of metal} \times 15 \text{ tons metal/hr} = 9.06 \text{ lbs VOC/hr}$

$0.604 \text{ lb VOC/ton of metal} \times 76,500 \text{ tons metal/yr} \times 1 \text{ ton}/2,000 \text{ lbs} = 23.1 \text{ tons VOC/yr}$

PTE Without Restrictions

$9.06 \text{ lbs VOC/hr} \times 8760 \text{ hrs/yr} \times 1 \text{ ton}/2000 \text{ lbs} = 39.68 \text{ tons VOC/yr}$

Please complete for these type permits ([For PSD/NSR Permit, place mouse over this text](#)):

NEW SOURCE REVIEW FORM B

PTI Number: 15-01259 Facility ID: 1576050200

FACILITY NAME Ohio Cast Products, Inc.

FACILITY DESCRIPTION Changing allowables for P901. CITY/TWP Canton

Synthetic Minor Determination and/or Netting Determination
Permit To Install ENTER PTI NUMBER HERE

A. Source Description

Ohio Cast Products (OCP) installed a sand shakeout with a conveyor.

B. Facility Emissions and Attainment Status

OCP is a "major" stationary source, as defined in the OAC rule 3745-31-01(SS), because the potential to emit (PTE) of PM is more than 100 tons/yr (OCP meets the definition of one of the 26 categories of stationary sources). OCP is in Stark County, Ohio. Stark County is attainment for all criteria pollutants.

C. Source Emissions

Without restrictions on hours of operation and tons of metal processed, the PTE for PM10 is 19.62 tons/yr, which is more than 15 tons/yr which is a "significant" level as defined in OAC rule 3745-31-01(OOO). All of the other criteria pollutants are less than the "significant" levels. OCP is accepting federally enforceable limits of 5,750 hours of operation per rolling, 12-month period and a limit of 76,500 tons of metal per rolling, 12-month period.

D. Conclusion

With the federally enforceable limits that OCP is accepting, the PTE for PM10 is reduced to 12.1 tons/yr, which is less than the significant level for PM10 of 15 tons/yr. Thus, OCP will avoid a "major" PSD modification.

Please complete:

**SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
PM	14.68
PM10	12.1
VOC	23.1

NEW SOURCE REVIEW FORM B

PTI Number: 15-01259 Facility ID: 1576050200

FACILITY NAME Ohio Cast Products, Inc.

FACILITY DESCRIPTION Changing allowables for P901. CITY/TWP Canton
