



State of Ohio Environmental Protection Agency

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50 W. Town St., Suite 700
Columbus, Ohio 43215

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P.O. Box 1049
Columbus, OH 43216-1049

9/9/2009

Mr. Dan Feucht
S.R.I., INCORPORATED
1550 SOLDIERS HOME-WEST CARROLLTON RD.
Dayton, OH 45418

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0857041905
Permit Number: P0105311
Permit Type: Initial Installation
County: Montgomery

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate ("PTIO") which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully.

Ohio EPA maintains a document entitled "Frequently Asked Questions about the PTIO". The document can be downloaded from the DAPC Web page, www.epa.state.oh.us/dapc, from the "Permits" link. This document contains additional information related to your permit, such as what activities are covered under the PTIO, who has enforcement authority over the permit and Ohio EPA's authorization to inspect your facility and records. Please contact the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469 if you need assistance.

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission ("ERAC") under Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and describe the action complained of and the grounds for the appeal. The appeal must be filed with the ERAC within thirty (30) days after notice of the Director's action. A filing fee of \$70.00 must be submitted to the ERAC with the appeal, although the ERAC, has discretion to reduce the amount of the filing fee if you can demonstrate (by affidavit) that payment of the full amount of the fee would cause extreme hardship. If you file an appeal of this action, you must notify Ohio EPA of the filing of the appeal (by providing a copy to the Director) within three (3) days of filing your appeal with the ERAC. Ohio EPA requests that a copy of the appeal also be provided to the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the ERAC at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

If you have any questions regarding this permit, please contact the Regional Air Pollution Control Agency. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page www.epa.state.oh.us/dapc.

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: RAPCA

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director



**State of Ohio Environmental Protection Agency
Division of Air Pollution Control**

FINAL

**Air Pollution Permit-to-Install and Operate
for
S.R.I., INCORPORATED**

Facility ID: 0857041905
Permit Number: P0105311
Permit Type: Initial Installation
Issued: 9/9/2009
Effective: 9/9/2009
Expiration: 9/9/2019



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
S.R.I., INCORPORATED

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Final Permit-to-Install and Operate
Permit Number: P0105311
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Effective Date: 9/9/2009

Authorization

Facility ID: 0857041905
Application Number(s): A0038149
Permit Number: P0105311
Permit Description: New portable 300 ton per hour concrete crusher and associated 310 kW diesel-fired generator with initial location at 300 Taylor Street, Dayton, Ohio 45402.
Permit Type: Initial Installation
Permit Fee: \$1,100.00
Issue Date: 9/9/2009
Effective Date: 9/9/2009
Expiration Date: 9/9/2019
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15
This document constitutes issuance to:

S.R.I., INCORPORATED
1550 SOLDIERS HOME-WEST CARROLLTON RD.
Dayton, OH 45418

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Regional Air Pollution Control Agency
117 South Main Street
Dayton, OH 45422-1280
(937)225-4435

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director



State of Ohio Environmental Protection Agency
 Division of Air Pollution Control

Final Permit-to-Install and Operate
Permit Number: P0105311
Facility ID: 0857041905
Effective Date: 9/9/2009

Authorization (continued)

Permit Number: P0105311
 Permit Description: New portable 300 ton per hour concrete crusher and associated 310 kW diesel-fired generator with initial location at 300 Taylor Street, Dayton, Ohio 45402.

Permits for the following emissions unit(s) or groups of emissions units are in this document as indicated below:

Emissions Unit ID:	B002
Company Equipment ID:	Cummins QSX-15 diesel generator
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
 Emissions Unit ID:	 F007
Company Equipment ID:	Eagle Ultramax 1400-450C crusher
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



State of Ohio Environmental Protection Agency
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Final Permit-to-Install and Operate

Permit Number: P0105311

Facility ID: 0857041905

Effective Date: 9/9/2009

A. Standard Terms and Conditions



1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is



very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.



10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Regional Air Pollution Control Agency in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the



State of Ohio Environmental Protection Agency
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Final Permit-to-Install and Operate

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change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



State of Ohio Environmental Protection Agency
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Final Permit-to-Install and Operate

Permit Number: P0105311

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Effective Date: 9/9/2009

B. Facility-Wide Terms and Conditions



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0105311

Facility ID: 0857041905

Effective Date: 9/9/2009

1. 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).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.



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Final Permit-to-Install and Operate

Permit Number: P0105311

Facility ID: 0857041905

Effective Date: 9/9/2009

C. Emissions Unit Terms and Conditions



1. B002, Cummins QSX-15 diesel generator

Operations, Property and/or Equipment Description:

Portable 380 kW (510 horsepower) diesel-fired generator for portable crusher

- a) 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.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	The nitrogen oxides (NOx) emissions from this emissions unit shall not exceed 3.01 lbs/hr and 13.18 tons/year. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(5)(a), 3745-17-07(A)(1), and 3745-18-06(B).
b.	OAC rule 3745-31-05(A)(3)(b)	The uncontrolled potential to emit for particulate emissions (PE), sulfur dioxide (SO2), carbon monoxide (CO), and organic compound (OC) emissions from this emissions unit is less than ten tons per year.
c.	OAC rule 3745-17-11(B)(5)(a)	The PE from this emissions unit shall not exceed 0.310 lb/mmBTU actual heat input.
d.	OAC rule 3745-17-07(A)(1)	The visible particulate emissions from any stack shall not exceed twenty per cent opacity as a six-minute average, except as provided by rule.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
e.	OAC rule 3745-18-06(B)	Exempt, see b)(2)a.

(2) Additional Terms and Conditions

- a. This rule specifies fuel burning equipment, stationary gas turbines, jet engine test stands and stationary internal combustion engines which have rated heat input capacities equal to, or less than, ten MM Btu per hour total rated capacity are exempt from paragraphs (D), (F) and (G) of this rule and from rules 3745-18-07 to 3745-18-94 of the Administrative Code.
- b. The lbs/hr and tons/year emission limitations are based on the emissions unit's potential to emit. Therefore, no monitoring, record keeping, and reporting requirements are necessary to ensure ongoing compliance with these emission limitations.

c) Operational Restrictions

- (1) The permittee shall burn only No. 2 diesel fuel oil in this emissions unit.

d) Monitoring and/or Recordkeeping Requirements

- (1) For each day during which the permittee uses a fuel other than No. 2 diesel oil in this emissions unit, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

e) Reporting Requirements

- (1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (2) The permittee shall identify in the annual permit evaluation report anytime fuel other than No. 2 diesel oil was used in this emissions unit during the 12-month reporting period for this emissions unit.

f) Testing Requirements

- (1) Compliance with the emission limitations in this permit for this emissions unit shall be determined in accordance with the following method(s):
 - a. Emission Limitation-
 The NOx emissions from this emissions unit shall not exceed 3.01 lbs/hr.



Applicable Compliance Method:

The hourly emissions limitation was based upon the manufacturer's NOx emission factor of 2.68 grams/HP-hour divided by 454 grams/lb and multiplying by the max brake horsepower of 510 HP.

b. Emission Limitation-

The NOx emissions from this emissions unit shall not exceed 13.18 tons/year.

Applicable Compliance Method:

The annual emission limitation was determined by multiplying the hourly emission rate limitation by the operating limitation of 8760 hrs/year and dividing by 2000 lbs/ton.

c. The PE from this emissions unit shall not exceed 0.310 lb/mmBTU actual heat input.

Applicable Compliance Method:

Compliance with this emissions limitation is demonstrated by using the manufacturer's PE emission factor of 0.067 grams/HP-hour divided by 454 grams/lb multiplying by the max brake horsepower of 510 HP and then dividing by the maximum heat input of 2.70 mmBTU/hr for the engine.

d. The visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method-

Compliance with the visible emissions limitation is presumed through the use of diesel fuel. If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the tests and procedures specified in USEPA Reference Method 9.

g) Miscellaneous Requirements

(1) The permittee may relocate the portable source within the State of Ohio without first obtaining a permit-to-install and operate (PTIO) or a permit-to-install (PTI), providing the appropriate exemption requirements have been met and following the approval of the Director (the appropriate Ohio EPA District Office or local air agency). The Director may issue a "Notice of Site Approval" if the following criteria is met, pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):

- a. the portable source is operated in compliance with any applicable best available technology (BAT) determination issued in a permit and all applicable state and/or federal rules and laws;
- b. the portable source is operating pursuant to a currently effective PTIO or PTI and/or permit to operate (PTO) and continues to comply with the requirements of the permit;



- c. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;
- d. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance and would be acceptable under OAC rule 3745-15-07; and
- e. the Director has issued a "Notice of Site Approval", stating that the proposed site is acceptable and the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site.

The portable source can be relocated upon receipt of the "Director's Notice of Site Approval" for the site.

- (2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTIO or PTI (as applicable) for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745-77-01, must also meet all applicable requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

The "Notice of Intent to Relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.



2. F007, Eagle Ultramax 1400-450C crusher

Operations, Property and/or Equipment Description:

Portable 300 tons/hour primary concrete crusher with water spray dust suppression system, including two transfer conveyors and radial stacker

a) 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.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D) (voluntary limits to avoid BAT)	The potential to emit, taking into account air pollution controls installed on the source, for particulate emissions (PE), from this emissions unit is less than ten tons per year. See b)(2)a.
b.	NSPS 40 CFR Part 60, Subpart OOO	The visible PE of fugitive dust shall not exceed 15% opacity, as a 6-minute average from the crushers. The visible PE of fugitive dust shall not exceed 10% opacity, as a 6-minute average from any screens, conveyors and transfer points.
	OAC rule 3745-17-07(B) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	The opacity limitation specified by this rule is less stringent than the emission limitation established pursuant to NSPS 40 CFR Part 60, Subpart OOO.
	OAC rule 3745-17-08(B) (applicable only if this emissions unit is located in an area identified in	See b)(2)b and b)(2)c.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	Appendix A of OAC rule 3745-17-08)	

(2) Additional Terms and Conditions

- a. The uncontrolled PTE of PE (all fugitive) for this emissions unit is 26.81 TPY and the after control PTE is 2.50 TPY. Permit to Install and Operate P0105311 for this air contaminant source takes into account the following air pollution control equipment as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3):
 - i. The use of a water spray dust suppression system at all times during operation of the crusher for the emissions unit.
 - ii. The aggregate materials processed through the equipment identified under this emissions unit shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust so that compliance with the PE requirements specified above is continuously maintained. If the moisture in the aggregate is not sufficient to comply with the PE requirements of this permit, the permittee shall apply water or other suitable dust suppressant, at appropriate locations in the production line.
- b. The permittee shall employ control measures on the crusher, screens, conveyors and transfer points for the purpose of ensuring compliance with the above-mentioned applicable visible emissions opacity limitations. In accordance with the permittee's application, the permittee has committed to maintain minimal drop heights for feed loading to the emission unit and use of a water spray dust suppression system at all times during operation of the emissions unit and the use of watering/sprinkling at sufficient treatment frequencies to ensure compliance. The aggregate materials processed through the equipment identified under this emissions unit shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the so that compliance with the opacity requirements specified above is continuously maintained. If the moisture in the aggregate is not sufficient to comply with the opacity requirements of this permit, the permittee shall apply water or other suitable dust suppressant, at appropriate locations in the production line. The operator shall avoid dragging any front-end loader bucket along the ground. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- c. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for the crusher, screens, conveyors and transfer points that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

c) Operational Restrictions

- (1) None.



d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform daily inspections of the crushers, screens, conveyors and transfer points.
- (2) No inspections shall be necessary when the crushers, screens, conveyors and transfer points are covered with snow and/or ice if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within the next day.
- (3) The purpose of the inspection is to determine the need for implementing the above-mentioned control measures specified in this permit for crushers, screens, conveyors and transfer points. The inspections shall be performed during representative, normal crushing, screening, conveying and transfer points operating conditions.
- (4) The permittee shall collect and record the following information each day for this emissions unit:
 - a. a log showing the date and whether or not each of the required inspections were performed;
 - b. the reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation, and days when this emissions unit was not in operation;
 - c. where it was determined by the permittee that it was necessary to implement the control measures; and
 - d. when the control measures were implemented and the type of control implemented.
- (5) The permittee shall collect and record on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures. The information shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.
- (6) The initial compliance demonstration required by 40 CFR 60 Subpart OOO shall be completed within 60 days after reaching maximum production, and no later than 180 days after initial startup. The visible emissions evaluations shall be performed at maximum production capacity and during dry weather conditions. Every effort shall also be made to conduct the visible emissions evaluations under conditions that represent a worst case normal operating scenario. The duration of the Method 9 observations shall be in accordance with the requirements of 40 CFR 60 Subpart OOO.

e) Reporting Requirements

- (1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date



identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

- (2) The permittee shall identify in the annual permit evaluation report any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation;
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented; and
 - c. the total number of days the control measures were implemented and, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

- (3) Pursuant to NSPS 40 CFR Part 60, Subpart OOO, the permittee shall submit the following information for each piece of equipment that is replaced having the same function as the existing facility:
 - a. for a crusher, grinding mill, bucket elevator, bagging operation, storage bin, enclosed truck or railcar loading station:
 - i. the rated capacity in tons or tons per hour of the existing facility being replaced, and
 - ii. the rated capacity in tons or tons per hour of the replacement equipment.
 - b. for a conveyor belt:
 - i. the width of the existing conveyor belt being replaced, and
 - ii. the width of the replacement conveyor belt.
 - c. for a screening operation:
 - i. the total surface area of the top screen of the existing screening operation being replaced, and
 - ii. the total surface area of the top screen of the replacement, screening operation.
 - d. The permittee shall submit the date of manufacture of each existing facility being replaced and the date of manufacture of the replacement equipment.

The notification shall be submitted 30 days (or as soon as practicable) before construction of the replacement equipment is commenced.



- (4) Pursuant to NSPS 40 CFR Part 60, Subpart OOO, the permittee is required to report the following milestones:
 - a. construction date;
 - b. actual start-up date;
 - c. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protections Agency
DAPC - Air Quality Modeling and Planning
P.O. Box 1049
Columbus, Ohio 43216-1049

and

The Regional Air Pollution Control Agency
117 S. Main Street
Dayton, Ohio 45422-1280

f) Testing Requirements

- (1) Compliance with the emission limitations in this permit for this emissions unit shall be determined in accordance with the following method(s):
 - a. Emission Limitation-

The visible PE of fugitive dust shall not exceed 15% opacity, as a 6-minute average from the crushers.

Applicable Compliance Method-

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

The visible PE of fugitive dust shall not exceed 10% opacity, as a 6-minute average from any unsaturated screens and transfer points.

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.
 - c. Emission Limitation-

There shall be no visible PE from all saturated equipment except crushers.



Applicable Compliance Method-

Compliance with the visible PE limitation listed above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

g) Miscellaneous Requirements

(1) The permittee may relocate the portable source within the State of Ohio without first obtaining a permit-to-install and operate (PTIO) or a permit-to-install (PTI), providing the appropriate exemption requirements have been met and following the approval of the Director (the appropriate Ohio EPA District Office or local air agency). The Director may issue a "Notice of Site Approval" if the following criteria is met, pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):

- a. the portable source is operated in compliance with any applicable best available technology (BAT) determination issued in a permit and all applicable state and/or federal rules and laws;
- b. the portable source is operating pursuant to a currently effective PTIO or PTI and/or permit to operate (PTO) and continues to comply with the requirements of the permit;
- c. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;
- d. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance and would be acceptable under OAC rule 3745-15-07; and
- e. the Director has issued a "Notice of Site Approval", stating that the proposed site is acceptable and the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site.

The portable source can be relocated upon receipt of the "Director's Notice of Site Approval" for the site.

(2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTIO or PTI (as applicable) for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745-77-01, must also meet all applicable



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0105311

Facility ID: 0857041905

Effective Date: 9/9/2009

requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

The "Notice of Intent to Relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.