



Environmental Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

9/4/2012

Mr. Alan Sampson
OMNOVA Solutions Inc.
165 S. Cleveland Avenue
Mogadore, OH 44260

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 1667000007
Permit Number: P0110263
Permit Type: Initial Installation
County: Portage

Certified Mail

| | |
|-----|------------------------------------|
| No | TOXIC REVIEW |
| No | PSD |
| No | SYNTHETIC MINOR TO AVOID MAJOR NSR |
| No | CEMS |
| Yes | MACT/GACT |
| No | NSPS |
| No | NESHAPS |
| No | NETTING |
| No | MAJOR NON-ATTAINMENT |
| No | MODELING SUBMITTED |
| No | SYNTHETIC MINOR TO AVOID TITLE V |
| No | FEDERALLY ENFORCABLE PTIO (FEPTIO) |
| No | SYNTHETIC MINOR TO AVOID MAJOR GHG |

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. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

If you have any questions, please contact Akron Regional Air Quality Management District at (330)375-2480 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPCWeb page, www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

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

Cc: ARAQMD



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
OMNOVA Solutions Inc.**

| | |
|----------------|----------------------|
| Facility ID: | 1667000007 |
| Permit Number: | P0110263 |
| Permit Type: | Initial Installation |
| Issued: | 9/4/2012 |
| Effective: | 9/4/2012 |
| Expiration: | 4/27/2014 |



Division of Air Pollution Control
Permit-to-Install and Operate
for
OMNOVA Solutions Inc.

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Authorization

Facility ID: 1667000007
Application Number(s): A0044780, A0045426
Permit Number: P0110263
Permit Description: Permit to Install and Operate for the installation of three hi-pressure water jetting units, each powered by a diesel-fired internal combustion engine.
Permit Type: Initial Installation
Permit Fee: \$800.00
Issue Date: 9/4/2012
Effective Date: 9/4/2012
Expiration Date: 4/27/2014
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

OMNOVA Solutions Inc.
165 S. CLEVELAND AVENUE
MOGADORE, OH 44260

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

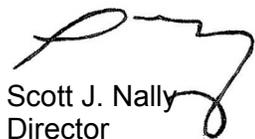
Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Akron Regional Air Quality Management District
146 South High Street, Room 904
Akron, OH 44308
(330)375-2480

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



Scott J. Nally
Director



Authorization (continued)

Permit Number: P0110263
Permit Description: Permit to Install and Operate for the installation of three hi-pressure water jetting units, each powered by a diesel-fired internal combustion engine.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Group Name: Water Jetting Units

| | |
|-----------------------------------|----------------|
| Emissions Unit ID: | P017 |
| Company Equipment ID: | Haywagon |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P018 |
| Company Equipment ID: | PP Diesel |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |

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. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. 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 Akron Regional Air Quality Management District 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 submitting¹ 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 emissions 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.

¹Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

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 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.

B. Facility-Wide Terms and Conditions

Final Permit-to-Install and Operate

OMNOVA Solutions Inc.

Permit Number: P0110263

Facility ID: 1667000007

Effective Date: 9/4/2012

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.

C. Emissions Unit Terms and Conditions

1. Emissions Unit Group -Water Jetting Units: P017,P018,

| EU ID | Operations, Property and/or Equipment Description |
|--------------|---|
| P017 | NLB Corp. 200-HP (230 BHP) Hi-Pressure Water Jetting Diesel, Model No. 7200D-1-1/2 - Haywagon |
| P018 | Jetstream 110-HP (110 BHP) Hi-Pressure Water Jetting Diesel, Model No. 3015 - PP Diesel |

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. b)(1)f., c)(5), d)(1), and g)(1).

(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 operation(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 are identified below. 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. | 40 CFR Part 63 Subpart ZZZZ (40 CFR 63.6580 to 63.6675) In accordance with 40 CFR 63.6585, the emissions units listed above are stationary internal combustion engines subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines. | The existing stationary compression ignition (CI) reciprocating internal combustion engine (RICE), located at an area source for hazardous air pollutants (HAPs), shall meet the requirements of 40 CFR Part 63, Subpart ZZZZ no later than May 3, 2013. |
| b. | 40 CFR 63.6603(a) Table 2d to Subpart ZZZZ of Part 63 #1 | By May 3, 2013, comply with the maintenance/operational requirements from the NESHAP for existing area source CI RICE less than or equal to 300 |

Final Permit-to-Install and Operate

OMNOVA Solutions Inc.

Permit Number: P0110263**Facility ID:** 1667000007**Effective Date:** 9/4/2012

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|-------------------------------|---|
| | | horsepower (HP). |
| c. | OAC rule 3745-31-05(A)(3) | <p>For emissions unit P017, the exhaust emissions from its engine shall not exceed:</p> <p>7.72 pounds of nitrogen oxides (NO_x) per hour</p> <p>1.66 pounds of carbon monoxide (CO) per hour and 3.57 tons of CO per year</p> <p>0.51 pound of sulfur oxides (SO_x) per hour and 1.1 tons of SO_x per year</p> <p>0.54 pound of particulate emissions (PE) per hour and 1.17 tons of PE per year</p> <p>0.63 pound of organic compounds (OC) per hour and 1.35 tons of OC per year</p> <p>For emissions unit P018, the exhaust emissions from its engine shall not exceed:</p> <p>3.7 pounds of NO_x per hour</p> <p>0.8 pound of CO per hour and 1.72 tons of CO per year</p> <p>0.24 pound of SO_x per hour and 0.52 ton of SO_x per year</p> <p>0.26 pound of PE per hour and 0.56 ton of PE per year</p> <p>0.3 pound of OC per hour and 0.65 ton of OC per year</p> |
| d. | OAC rule 3745-17-11(B)(5)(a) | For emissions units P017 and P018: PE shall not exceed 0.310 pound per million British thermal unit (lb/MM Btu) of actual heat input. |
| e. | OAC rule 3745-17-07(A)(1) | Visible PE from the exhaust stack serving the emissions units listed above shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule. |
| f. | OAC rule 3745-31-05(E) | For emissions unit P017, the emissions of NO _x from this emissions unit shall not |

Final Permit-to-Install and Operate

OMNOVA Solutions Inc.

Permit Number: P0110263

Facility ID: 1667000007

Effective Date: 9/4/2012

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|--|--|
| | Restriction to Avoid State Modeling for Nitrogen Dioxide | exceed 16.6 tons per year. For emissions unit P018, the emissions of NO _x from this emissions unit shall not exceed 8.0 tons per year. See c)(5) below. |
| g. | OAC rule 3745-114-01 | See g)(1) below. |

(2) Additional Terms and Conditions

a. The stationary compression ignition (CI) reciprocating internal combustion engine (RICE), located at an area source for hazardous air pollutants (HAPs), is subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines, 40 CFR Part 63, Subpart ZZZZ. The RICE, installed before June 12, 2006 (existing RICE), is not subject to the NESHAP requirements until May 3, 2013. Compliance with the NESHAP includes the maintenance requirements and operating limitations from #1 in Table 2d of 40 CFR Part 63, Subpart ZZZZ and compliance with the general provisions of 40 CFR Part 63, Subpart A that apply to the CI RICE, as identified in Table 8 of 40 CFR Part 63, Subpart ZZZZ. Beginning on May 3, 2013 the stationary CIRICE is subject to and shall be operated in compliance with the requirements of 40 CFR Part 63, Subpart ZZZZ.

c) Operational Restrictions

- (1) The stationary CIRICE shall be operated and maintained according to the manufacturer's emission-related operation and maintenance instructions or the permittee shall develop and follow its own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. Beginning May 3, 2013 the permittee shall operate and maintain the stationary CI RICE according to a written maintenance and operating plan and the requirements identified in #1 in Table 2d of 40 CFR Part 63, Subpart ZZZZ, as required per 40 CFR 63.6603(a).
- (2) The stationary CI RICE shall be operated and maintained at all times in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by 40 CFR Part 63, Subpart ZZZZ have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
- (3) Following the compliance date of the NESHAP, May 3, 2013, unless meeting the requirements of 40 CFR 63.6625(i), the permittee shall change the oil and filter every 1,000 hours of operation or annually, whichever comes first; shall inspect the air cleaner

every 1,000 hours of operation or annually, whichever comes first; and shall inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace them as necessary. A log shall be maintained for the hours of operation between each oil and filter change and the date of each oil/filter change and inspection.

- (4) Following the compliance date of the NESHAP, the permittee shall minimize the engine's time spent at idle during startup and shall minimize the startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.
- (5) The maximum annual operating hours for each emissions unit listed above shall not exceed 4300 hours.

d) **Monitoring and/or Recordkeeping Requirements**

- (1) The permittee shall maintain monthly records of the operating hours for each emissions unit listed above.
- (2) Following the compliance date of the NESHAP, in order to demonstrate compliance with the work and management practices identified in Table 2d of 40 CFR Part 63, Subpart ZZZZ; continuous compliance according to #9 in Table 6 of 40 CFR Part 63, Subpart ZZZZ; and to document that the engine was operated and maintained according to the facility's maintenance plan and work and management practices, the permittee shall maintain records of: the maintenance and inspections conducted on the stationary RICE in conjunction with records for the hours of operation; a record of each idle and/or startup time that exceeded 30 minutes; and records for the occurrence and duration of each malfunction of the RICE and the corrective actions taken to minimize emissions and restore the engine to normal operations. These records shall be maintained for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). These records shall be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1). These records shall be readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

e) **Reporting Requirements**

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA eBusiness Center: Air Services by the due date identified in the Authorization section of this permit. The PER 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 each instance in which the operational requirements in Table 2d of 40 CFR Part 63, Subpart ZZZZ were not met and/or each instance in which the applicable requirements in Table 8 to Subpart ZZZZ, the general provisions from Subpart A, were not met. The report shall identify the operating limitation or 40 CFR Part 63, Subpart A requirement that was not met; the operating time during which the deviation occurred during the reporting period; and the number, duration, and cause of each/the deviation(s), as applicable, and the corrective action(s) taken.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

Visible PE from the exhaust stack serving the emissions units listed above shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance with the allowable visible PE limitation above shall be determined through visible emission observations performed in accordance with USEPA Reference Method 9 in 40 CFR, Part 60, Appendix A.

b. Emission Limitation:

0.310 lb PE/MM Btu

Applicable Compliance Method:

If required, compliance with the allowable PE limitation above shall be demonstrated through exhaust emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

c. Emission Limitations:

For emissions unit P017, the exhaust emissions from its engine shall not exceed 7.72 pounds of NO_x per hour.

For emissions unit P018, the exhaust emissions from its engine shall not exceed 3.7 pounds of NO_x per hour.

Applicable Compliance Method:

Compliance with the hourly allowable NO_x emission limitations above shall be demonstrated by multiplying the NO_x emission factor of 4.41 lbsNO_x/MM Btu* by the maximum fuel input in MM Btu/hour.

If required, compliance with the hourly allowable NO_x emission limitations above shall be demonstrated through exhaust emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 or 7A, as applicable.

*The emission factor is from Chapter 3.3, Table 3.3-1, "Emission Factors for Uncontrolled Gasoline and Diesel Industrial Engines".

d. Emission Limitations:

For emissions unit P017, the exhaust emissions from its engine shall not exceed 1.66 pounds of CO per hour.

For emissions unit P018, the exhaust emissions from its engine shall not exceed 0.8 pound of CO per hour.

Applicable Compliance Method:

Compliance with the hourly allowable CO emission limitations above shall be demonstrated by multiplying the CO emission factor of 0.95 lb CO/MM Btu* by the maximum hourly fuel input in MM Btu/hour.

If required, the permittee shall demonstrate compliance with the hourly allowable CO emission limitations above through exhaust emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 10.

*The emission factor is from Chapter 3.3, Table 3.3-1, "Emission Factors for Uncontrolled Gasoline and Diesel Industrial Engines".

e. Emission Limitations:

For emissions unit P017, the exhaust emissions from its engine shall not exceed 0.63 pound of OC per hour.

For emissions unit P018, the exhaust emissions from its engine shall not exceed 0.3 pound of OC per hour.

Applicable Compliance Method:

Compliance with the hourly allowable OC emission limitations above shall be demonstrated by multiplying the OC emission factor of 0.36 lb OC/MM Btu* by the maximum hourly fuel input in MM Btu/hour.

If required, the permittee shall demonstrate compliance with the hourly allowable OC emission limitations above through exhaust emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A, as appropriate.

*The emission factor is from Chapter 3.3, Table 3.3-1, "Emission Factors for Uncontrolled Gasoline and Diesel Industrial Engines".

f. Emission Limitations:

For emissions unit P017, the exhaust emissions from its engine shall not exceed 0.51 pound of SO_x per hour.

For emissions unit P018, the exhaust emissions from its engine shall not exceed 0.24 pound of SO_x per hour.

Applicable Compliance Method:

Compliance with the hourly allowable SO_x emission limitations above shall be demonstrated by multiplying the SO_x emission factor of 0.29 lbSO_x /MM Btu* by the maximum hourly fuel input in MM Btu/hour.

If required, the permittee shall demonstrate compliance with the hourly allowable SO_x emission limitations above through exhaust emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6 or 6C, as appropriate.

*The emission factor is from Chapter 3.3, Table 3.3-1, "Emission Factors for Uncontrolled Gasoline and Diesel Industrial Engines".

g. Emission Limitations:

For emissions unit P017, the exhaust emissions from its engine shall not exceed 0.54 pound of PE per hour.

For emissions unit P018, the exhaust emissions from its engine shall not exceed 0.26 pound of PE per hour.

Applicable Compliance Method:

Compliance with the hourly allowable PE limitations above shall be demonstrated by multiplying the PE factor of 0.31 lb PE /MM Btu* by the maximum hourly fuel input in MM Btu/hour.

If required, the permittee shall demonstrate compliance with the hourly allowable PE limitations above through exhaust emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

*The emission factor is from Chapter 3.3, Table 3.3-1, "Emission Factors for Uncontrolled Gasoline and Diesel Industrial Engines".

h. Emission Limitations:

For emissions unit P017, the exhaust emissions from its engine shall not exceed: 16.6 tons of NO_x per year; 3.57 tons of CO per year; 1.1 tons of SO_x per year; 1.17 tons of PE per year; and 1.35 tons of OC per year.

For emissions unit P018, the exhaust emissions from its engine shall not exceed: 8.0 tons of NO_x per year; 1.72 tons of CO per year; 0.52 ton of SO_x per year; 0.56 ton of PE per year; and 0.65 ton of OC per year.

Applicable Compliance Method:

Compliance with the annual allowable emission limitations above shall be demonstrated by multiplying the hourly allowable emission limitation by the maximum annual allowable operating hours (4300 hours per year), and then dividing by 2000 pounds per ton. Therefore, as long as compliance with the hourly allowable emission limitations and the maximum annual operating

hours are maintained, compliance with the annual allowable emission limitations shall be assumed.

g) Miscellaneous Requirements

- (1) Modeling to demonstrate compliance with, the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions units' listed above maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified Permit to Install and Operate (PTIO) prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new PTIO.