



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

3/30/2015

Alison Hudson
HOBART BROTHERS CO - Piqua Filler
101 Trade Square East
Hobart, OH 45373

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0855100420
Permit Number: P0116736
Permit Type: Renewal
County: Miami

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) 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. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

The issuance of this PTIO 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
77 South High Street, 17th Floor
Columbus, OH 43215

Certified Mail

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

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging 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 Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

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

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Regional Air Pollution Control Agency at (937)225-4435 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Erica R. Engel-Ishida, Manager
Permit Issuance and Data Management Section, DAPC

Cc: RAPCA



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
HOBART BROTHERS CO - Piqua Filler**

| | |
|----------------|------------|
| Facility ID: | 0855100420 |
| Permit Number: | P0116736 |
| Permit Type: | Renewal |
| Issued: | 3/30/2015 |
| Effective: | 3/30/2015 |
| Expiration: | 3/30/2020 |



Division of Air Pollution Control
Permit-to-Install and Operate
for
HOBART BROTHERS CO - Piqua Filler

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Final Permit-to-Install and Operate
HOBART BROTHERS CO - Piqua Filler
Permit Number: P0116736
Facility ID: 0855100420
Effective Date: 3/30/2015

Authorization

Facility ID: 0855100420
Application Number(s): A0050654
Permit Number: P0116736
Permit Description: FEPTIO renewal for tubular welding wire draw benches with fabric filter controls.
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 3/30/2015
Effective Date: 3/30/2015
Expiration Date: 3/30/2020
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

HOBART BROTHERS CO - Piqua Filler
8585 INDUSTRY PARK DRIVE
Piqua, OH 45356

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

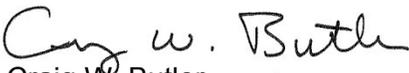
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

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


Craig W. Butler
Director



Authorization (continued)

Permit Number: P0116736

Permit Description: FEPTIO renewal for tubular welding wire draw benches with fabric filter controls.

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

Emissions Unit ID: P015
Company Equipment ID: M24
Superseded Permit Number: P0104071
General Permit Category and Type: Not Applicable

Emissions Unit ID: P024
Company Equipment ID: M31
Superseded Permit Number: P0112136
General Permit Category and Type: Not Applicable

Group Name: DC4 and DC5

| | |
|-----------------------------------|----------------|
| Emissions Unit ID: | P008 |
| Company Equipment ID: | M1-M4 |
| Superseded Permit Number: | P0104071 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P009 |
| Company Equipment ID: | M10-M13 |
| Superseded Permit Number: | P0104071 |
| General Permit Category and Type: | Not Applicable |

Group Name: DC6

| | |
|-----------------------------------|----------------|
| Emissions Unit ID: | P010 |
| Company Equipment ID: | M5 |
| Superseded Permit Number: | P0104071 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P013 |
| Company Equipment ID: | M8 |
| Superseded Permit Number: | P0104071 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P014 |
| Company Equipment ID: | M9 |
| Superseded Permit Number: | P0104071 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P023 |
| Company Equipment ID: | M6 |
| Superseded Permit Number: | P0104071 |
| General Permit Category and Type: | Not Applicable |

Group Name: DC8

| | |
|-----------------------------------|----------------|
| Emissions Unit ID: | P016 |
| Company Equipment ID: | M25 |
| Superseded Permit Number: | P0104071 |
| General Permit Category and Type: | Not Applicable |



Final Permit-to-Install and Operate
HOBART BROTHERS CO - Piqua Filler
Permit Number: P0116736
Facility ID: 0855100420
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| | |
|----------------------------------|----------------|
| Emissions Unit ID: | P018 |
| Company Equipment ID: | M27 |
| Superseded Permit Number: | P0104071 |
| General Permit Category andType: | Not Applicable |
| Emissions Unit ID: | P019 |
| Company Equipment ID: | M28 |
| Superseded Permit Number: | P0104071 |
| General Permit Category andType: | Not Applicable |
| Emissions Unit ID: | P020 |
| Company Equipment ID: | M29 |
| Superseded Permit Number: | P0104071 |
| General Permit Category andType: | Not Applicable |
| Emissions Unit ID: | P021 |
| Company Equipment ID: | M30 |
| Superseded Permit Number: | P0104071 |
| General Permit Category andType: | Not Applicable |



Final Permit-to-Install and Operate
HOBART BROTHERS CO - Piqua Filler
Permit Number: P0116736
Facility ID: 0855100420
Effective Date: 3/30/2015

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 of this permit 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 [DO/LAA] 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 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.



Final Permit-to-Install and Operate
HOBART BROTHERS CO - Piqua Filler
Permit Number: P0116736
Facility ID: 0855100420
Effective Date: 3/30/2015

B. Facility-Wide Terms and Conditions



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.



Final Permit-to-Install and Operate
HOBART BROTHERS CO - Piqua Filler
Permit Number: P0116736
Facility ID: 0855100420
Effective Date: 3/30/2015

C. Emissions Unit Terms and Conditions



1. P015, M17, M19, M20, M21, M22 and M24

Operations, Property and/or Equipment Description:

tubular wire draw benches M17, M19, M20, M21, M22 and M24 with dust collector (DC7)

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. b)(1)b.

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. | OAC rule 3745-31-05(A)(3) PTIO P01040171 issued 4/9/09 | The particulate emissions from this emissions unit shall not exceed 0.01 grain/dry standard cubic foot (dscf) of exhaust, 2.40 pounds/hour and 10.5 tons per year (TPY). Visible particulate emissions from any stack shall not exceed 5 percent opacity as a six-minute average. See b)(2)a. |
| b. | OAC rule 3745 -31-05(D) Synthetic Minor to avoid Title V | The particulate emissions from this emissions unit shall not exceed 0.01 grain/dscf of exhaust and 10.5 tons on a rolling 12-month basis. See b)(2)a. and c)(1). |



| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|-------------------------------|---|
| c. | OAC rule 3745-17-11(B)(1) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). |
| d. | OAC rule 3745-17-07(A) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). |

(2) Additional Terms and Conditions

a. The permittee shall implement an operation and maintenance (O&M) plan for this emissions unit and its respective air pollution control system. The O&M plan shall include, but not be limited to, the specific steps taken and/or the specific items checked on a routine basis to ensure optimum operation of the emissions unit and its respective air pollution control system. The O&M plan shall be submitted to the Regional Air Pollution Control Agency upon request.

c) Operational Restrictions

(1) The filter media used in the fabric filter shall be designed to limit particulate emissions to less than 0.01 grain/dry standard cubic foot of exhaust.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall keep a record of any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter.

(2) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across the fabric filter is between 0.5 to 6.0 inches of water.

(3) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the fabric filter when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the fabric filter on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s).

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:



- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the fabric filter is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of an administrative modification.

- (4) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. 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 visible emission incident; and
- e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify any deviation or exceedance of a federally enforceable requirement contained in this permit to include:
 - a. all deviations of the following emission limitation(s), operational restriction(s), and/or other control device operating parameter limitation(s) that restrict the Potential to Emit (PTE) and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. Any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter.
 - b. the probable cause of each deviation;
 - c. any corrective actions that were taken to remedy the deviations or prevent future deviations; and
 - d. the magnitude of each excursion.

If no deviations/excursions occurred during a calendar quarter, the report shall so state that no deviations occurred during the reporting period.



The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (2) The permittee shall submit annual reports which specify the particulate emission rate, in tons, from each emissions unit. These reports shall be submitted by April 15 of each year and shall cover the previous calendar year. This reporting requirement may be satisfied by including and identifying the specific emission data for each emissions unit in the annual Synthetic Minor Title V Fee Emissions Report.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.
 - a. The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the fabric filter during the 12-month reporting period for this/these emissions unit(s):
 - i. each period of time (start time and date, and end time and date) when the pressure drop across the fabric filter was outside of the acceptable range;
 - ii. any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the fabric filter;
 - iii. each incident of deviation described in "i" (above) where a prompt investigation was not conducted;
 - iv. each incident of deviation described in "i" where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and
 - v. each incident of deviation described in "i" where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.
 - b. The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(4) above:
 - i. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - ii. any corrective actions taken to minimize or eliminate the visible particulate emissions.



All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following method(s):

a. Emission Limitation -

The particulate emissions from this emissions unit shall not exceed 0.01 grain/dscf.

Applicable Compliance Method -

Compliance shall be demonstrated based on the record keeping requirements identified in d)(1) and the design specifications of the fabric filter and the filter media used in the fabric filter.

If requested, compliance shall be determined by stack testing performed in accordance with OAC rule 3745-17-03(B)(10) and U.S. EPA Reference Method 5 of 40 CFR Part 60, Appendix A.

b. Emission Limitation -

The particulate emissions from this emissions unit shall not exceed 2.40 pounds/hour.

Applicable Compliance Method -

The 2.40 pounds/hour limitation is based upon the 0.01 grain/dscf multiplied by the design flow rate of the fabric filter (28,000 cfm), divided by 7,000 grains/pound and multiplied by 60 minutes/hour.

If requested, compliance with this mass emission limitation shall be based on stack testing performed in accordance with OAC rule 3745-17-03(B)(10) and U.S. EPA Reference Method 5 of 40 CFR Part 60, Appendix A.



c. Emission Limitation -

The particulate emissions from this emissions unit shall not exceed 10.5 on a rolling 12-month basis (or TPY).

Applicable Compliance Method -

The 10.5 TPY emissions limitation was developed by multiplying the 2.40 pounds/hour limit by 8,760 hours/year, divided by 2,000 pounds per ton. Therefore, provided compliance is shown with the 0.01 grain/dscf and hourly emissions limitation, compliance is also shown with the annual allowable mass emission rate.

d. Emission Limitation -

Visible particulate emissions from any stack shall not exceed 5 percent opacity as a six-minute average.

Applicable Compliance Method -

If requested, compliance shall be determined through visible emission observations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

- (1) None.



2. P024, Tubular Wire Draw Bench M31

Operations, Property and/or Equipment Description:

Tubular wire draw bench (M31) with dust collector (DC8)

- 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. b)(1)b.
- 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. | OAC rule 3745-31-05(A)(3) and ORC 3704.03(T) PTIO P0112136 issued 2/11/13 | The particulate emissions from this emissions unit shall not exceed 0.01 grain per dry standard cubic foot of exhaust. See b)(2)b., b)(2)b. and c)(1). |
| b. | OAC rule 3745-31-05(D) (synthetic minor to avoid Title V) | The particulate emissions from this emissions unit shall not exceed 0.01 grain/dscf of exhaust and 10.5 tons on a rolling 12-month basis. See b)(2)a., b)(2)b. and c)(1). |
| c. | OAC rule 3745-17-11(B)(1) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). |
| d. | OAC rule 3745-17-07(A) | Visible particulate emissions from any stack serving these emissions units shall not exceed 20 percent opacity as a six-minute average. |



(2) Additional Terms and Conditions

- a. The permittee shall implement an operation and maintenance (O&M) plan for this emissions unit and its respective air pollution control system. The O&M plan shall include, but not be limited to, the specific steps taken and/or the specific items checked on a routine basis to ensure optimum operation of the emissions unit and its respective air pollution control system. The O&M plan shall be submitted to the Regional Air Pollution Control Agency upon request.
- b. The fabric filter (DC8) is a common control device that receives the exhaust from emissions units P016, P018, P019, P020, P021, and P024. Because the particulate emissions limitations for these emissions units are based on the filter media employed and air flow rate through DC8, the particulate emissions limitations are individual and combined limitations for these emissions units.

c) Operational Restrictions

- (1) The filter media used in the fabric filter shall be designed to limit particulate emissions to less than 0.01 grain/dry standard cubic foot of exhaust.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall keep a record of any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter.
- (2) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. 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 visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the



emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify any deviation or exceedance of a federally enforceable requirement contained in this permit to include:
 - a. all deviations of the following emission limitation(s), operational restriction(s), and/or other control device operating parameter limitation(s) that restrict the Potential to Emit (PTE) and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. Any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter.
 - b. the probable cause of each deviation;
 - c. any corrective actions that were taken to remedy the deviations or prevent future deviations; and
 - d. The magnitude of each excursion.

If no deviations/excursions occurred during a calendar quarter, the report shall so state that no deviations occurred during the reporting period.

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (2) The permittee shall submit annual reports which specify the particulate emission rate, in tons, from each emissions unit. These reports shall be submitted by April 15 of each year and shall cover the previous calendar year. This reporting requirement may be satisfied by including and identifying the specific emission data for each emissions unit in the annual Synthetic Minor Title V Fee Emissions Report.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(2) above:

- a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and



- b. Any corrective actions taken to minimize or eliminate the visible particulate emissions.
- (4) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.
- f) **Testing Requirements**
 - a. **Emission Limitation:**

The particulate emissions from this emissions unit shall not exceed 0.01 grain per dry standard cubic foot of exhaust.

Applicable Compliance Method:

Compliance shall be demonstrated based on the record keeping requirements identified in d)(1) and the design specifications of the fabric filter and the filter media used in the fabric filter.

If requested, compliance shall be determined by stack testing performed in accordance with OAC rule 3745-17-03(B)(10) and U.S. EPA Reference Method 5 of 40 CFR Part 60, Appendix A.
 - b. **Emission Limitation:**

The particulate emissions from this emissions unit shall not exceed 10.5 tons on a rolling 12-month basis.

Applicable Compliance Method:

The rolling 12-month emission limitations for this emissions unit is based on the 0.01 grain/dry standard cubic foot of exhaust multiplied by the design flow rate of the fabric filter divided by 7,000 grains/pound and multiplied by 60 minutes/hour. The design air flow rate for this emissions unit and maximum hourly emissions rate are listed in the following table.



| Fabric Filter | Flow rate (dscf/minute) | Particulate emissions (pounds/hour) |
|---------------|----------------------------|--|
| DC8 | 28,000 | 2.40 |

The rolling 12-month particulate emissions limitations were developed by multiplying the hourly emissions limit by 8,760 hours/year, divided by 2,000 pounds per ton.

c. Emission Limitation

Visible particulate emissions from the stack shall not exceed 20 percent opacity as a six-minute average.

Applicable Compliance Method

If required, Compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified with U.S. EPA Reference Method 9 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

- (1) None.



3. Emissions Unit Group -DC4 and DC5: P008,P009,

| EU ID | Operations, Property and/or Equipment Description |
|-------|--|
| P008 | tubular wire draw benches M1, M2, M3, and M4 with dust collector (DC5) |
| P009 | tubular wire draw benches M10, M11, M12, and M13 with dust collector (DC4) |

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. b)(1)b.

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. | OAC rule 3745-31-05(A)(3) PTIO P01040171 issued 4/9/09 | The particulate emissions from each of these emissions units shall not exceed 0.01 grain/dry standard cubic foot (dscf) of exhaust, 3.21 pounds/hour and 14.1 tons per year (TPY). Visible particulate emissions from any stack shall not exceed 5 percent opacity as a six-minute average. See b)(2)a. |
| b. | OAC rule 3745 -31-05(D) Synthetic Minor to avoid Title V | The particulate emissions from each of these emissions units shall not exceed 0.01 grain/dscf of exhaust and 14.1 tons on a rolling 12-month basis. See b)(2)a. and c)(1). |



| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|-------------------------------|---|
| c. | OAC rule 3745-17-11(B)(1) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). |
| d. | OAC rule 3745-17-07(A) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). |

(2) Additional Terms and Conditions

a. The permittee shall implement an operation and maintenance (O&M) plan for this emissions unit and its respective air pollution control system. The O&M plan shall include, but not be limited to, the specific steps taken and/or the specific items checked on a routine basis to ensure optimum operation of the emissions unit and its respective air pollution control system. The O&M plan shall be submitted to the Regional Air Pollution Control Agency upon request.

c) Operational Restrictions

(1) The filter media used in the fabric filter shall be designed to limit particulate emissions to less than 0.01 grain/dry standard cubic foot of exhaust.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall keep a record of any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter.

(2) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across the fabric filter is between 0.5 to 6.0 inches of water.

(3) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the fabric filter when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the fabric filter on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s).

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:



- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the fabric filter is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of an administrative modification.

- (4) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. 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 visible emission incident; and
- e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify any deviation or exceedance of a federally enforceable requirement contained in this permit to include:
 - a. all deviations of the following emission limitation(s), operational restriction(s), and/or other control device operating parameter limitation(s) that restrict the Potential to Emit (PTE) and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. Any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter..
 - b. the probable cause of each deviation;
 - c. any corrective actions that were taken to remedy the deviations or prevent future deviations; and
 - d. the magnitude of each excursion.

If no deviations/excursions occurred during a calendar quarter, the report shall so state that no deviations occurred during the reporting period.



The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (2) The permittee shall submit annual reports which specify the particulate emission rate, in tons, from each emissions unit. These reports shall be submitted by April 15 of each year and shall cover the previous calendar year. This reporting requirement may be satisfied by including and identifying the specific emission data for each emissions unit in the annual Synthetic Minor Title V Fee Emissions Report.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.
 - a. The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the fabric filter during the 12-month reporting period for this/these emissions unit(s):
 - i. each period of time (start time and date, and end time and date) when the pressure drop across the fabric filter was outside of the acceptable range;
 - ii. any period of time (start time and date, and end time and date) when the emissions units were in operation and the process emissions were not vented to the fabric filter;
 - iii. each incident of deviation described in "i" (above) where a prompt investigation was not conducted;
 - iv. each incident of deviation described in "i" where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and
 - v. each incident of deviation described in "i" where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.
 - b. The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(4) above:
 - i. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - ii. any corrective actions taken to minimize or eliminate the visible particulate emissions.



All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following method(s):

a. Emission Limitation -

The particulate emissions from each emissions unit shall not exceed 0.01 grain/dscf.

Applicable Compliance Method -

Compliance shall be demonstrated based on the record keeping requirements identified in d)(1) and the design specifications of the fabric filter and the filter media used in the fabric filter.

If requested, compliance shall be determined by stack testing performed in accordance with OAC rule 3745-17-03(B)(10) using the methods and U.S. EPA Reference Method 5 of 40 CFR Part 60, Appendix A.

b. Emission Limitation -

The particulate emissions from each emissions unit shall not exceed 3.21 pounds/hour.

Applicable Compliance Method -

The 3.21 pounds/hour limitation is based upon the 0.01 grain/dscf multiplied by the design flow rate of the fabric filter (37,500 cfm for both fabric filters), divided by 7,000 grains/pound and multiplied by 60 minutes/hour.

If requested, compliance with this mass emission limitation shall be based on stack testing performed in accordance with OAC rule 3745-17-03(B)(10) and U.S. EPA Reference Method 5 of 40 CFR Part 60, Appendix A.



c. Emission Limitation -

The particulate emissions from each emissions unit shall not exceed 14.1 tons on a rolling 12-month basis (or TPY).

Applicable Compliance Method -

The 14.1 TPY emission limitation was developed by multiplying the 3.21 pounds/hour limit by 8,760 hours/year, divided by 2,000 pounds per ton. Therefore, provided compliance is shown with the 0.01 grain/dscf and hourly emissions limitation, compliance is also shown with the annual allowable mass emission rate.

d. Emission Limitation -

Visible particulate emissions from any/the stack shall not exceed 5 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method -

If requested, compliance shall be determined through visible emission observations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

- (1) None.



4. Emissions Unit Group -DC6: P010,P013,P014,P023,

| EU ID | Operations, Property and/or Equipment Description |
|-------|--|
| P010 | tubular wire draw bench M5 with dust collector (DC6) |
| P013 | tubular wire draw bench M8 with dust collector (DC6) |
| P014 | tubular wire draw bench M9 with dust collector (DC6) |
| P023 | tubular wire draw bench M6 with dust collector (DC6) |

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. b)(1)b.

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. | OAC rule 3745-31-05(A)(3) PTIO P01040171 issued 4/9/09 | The combined particulate emissions from all of these emissions units shall not exceed 0.01 grain/dry standard cubic foot (dscf) of exhaust, 3.21 pounds/hour and 14.1 tons per year (TPY). Visible particulate emissions from any stack shall not exceed 5 percent opacity as a six-minute average. See b)(2)a. and b)(2)b. |
| b. | OAC rule 3745 -31-05(D) Synthetic Minor to avoid Title V | The particulate emissions from each emissions unit shall not exceed 0.01 grain/dscf and 14.1 tons on a rolling 12-month basis. See b)(2)a., b)(2)b. and c)(1). |



| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|-------------------------------|---|
| c. | OAC rule 3745-17-11(B)(1) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). |
| d. | OAC rule 3745-17-07(A) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). |

(2) Additional Terms and Conditions

- a. The permittee shall implement an operation and maintenance (O&M) plan for this emissions unit and its respective air pollution control system. The O&M plan shall include, but not be limited to, the specific steps taken and/or the specific items checked on a routine basis to ensure optimum operation of the emissions unit and its respective air pollution control system. The O&M plan shall be submitted to the Regional Air Pollution Control Agency upon request.
- b. The fabric filter (DC6) is a common control device that receives the exhaust from emissions units P010, P013, P014, and P023. Because the particulate emissions limitations for these emissions units are based on the filter media employed and air flow rate through DC6, the particulate emissions limitations are individual and combined limitations for these emissions units.

c) Operational Restrictions

- (1) The filter media used in the fabric filter shall be designed to limit particulate emissions to less than 0.01 grain/dry standard cubic foot of exhaust.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall keep a record of any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter.
- (2) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across the fabric filter is between 0.5 to 6.0 inches of water.
- (3) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the fabric filter when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the fabric filter on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s).



Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the fabric filter is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of an administrative modification.



- (4) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. 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 visible emission incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.
- (5) If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify any deviation or exceedance of a federally enforceable requirement contained in this permit to include:
 - a. all deviations of the following emission limitation(s), operational restriction(s), and/or other control device operating parameter limitation(s) that restrict the Potential to Emit (PTE) and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. Any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter.
 - b. the probable cause of each deviation;
 - c. any corrective actions that were taken to remedy the deviations or prevent future deviations; and
 - d. the level or magnitude of excursion above the acceptable restricted limitation(s), operational restriction(s), and/or control device parameter limitation(s) and the duration (number of hours and date) of each deviation.



If no deviations/excursions occurred during a calendar quarter, the report shall so state that no deviations occurred during the reporting period.

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (2) The permittee shall submit annual reports which specify the particulate emission rate, in tons, from each emissions unit. These reports shall be submitted by April 15 of each year and shall cover the previous calendar year. This reporting requirement may be satisfied by including and identifying the specific emission data for each emissions unit in the annual Synthetic Minor Title V Fee Emissions Report.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.
 - a. The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the fabric filter during the 12-month reporting period for these emissions units:
 - i. each period of time (start time and date, and end time and date) when the pressure drop across the fabric filter was outside of the acceptable range;
 - ii. any period of time (start time and date, and end time and date) when the emissions units were in operation and the process emissions were not vented to the fabric filter;
 - iii. each incident of deviation described in "i" (above) where a prompt investigation was not conducted;
 - iv. each incident of deviation described in "i" where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and
 - v. each incident of deviation described in "i" where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.
 - b. The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(4) above:
 - i. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and



- ii. any corrective actions taken to minimize or eliminate the visible particulate emissions.

All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

f) Testing Requirements

- (1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following method(s):

- a. Emission Limitation -

The particulate emissions from each emissions unit shall not exceed 0.01 grain/dscf.

Applicable Compliance Method -

Compliance shall be demonstrated based on the record keeping requirements identified in d)(1) and the design specifications of the fabric filter and the filter media used in the fabric filter.

If requested, compliance shall be determined by stack testing performed in accordance with OAC rule 3745-17-03(B)(10) and U.S. EPA Reference Method 5 of 40 CFR Part 60, Appendix A.

- b. Emission Limitation -

The combined particulate emissions from all of these emissions units shall not exceed 3.21 pounds/hour.

Applicable Compliance Method -

The 3.21 pounds/hour limitation is based upon the 0.01 grain/dscf multiplied by the design flow rate of the fabric filter (37500 cfm), divided by 7,000 grains/pound and multiplied by 60 minutes/hour for the 4 draw benches that exhaust through dust collector DC6.



If requested, compliance with this mass emission limitation shall be based on stack testing performed in accordance with OAC rule 3745-17-03(B)(10) and U.S. EPA Reference Method 5 of 40 CFR Part 60, Appendix A.

c. Emission Limitation:

The combined particulate emissions from all of these emissions units shall not exceed 14.1 tons on a rolling 12- basis (or TPY).

Applicable Compliance Method:

The 14.1 TPY emission limitation was developed by multiplying the 3.21 pounds/hour limit by 8,760 hours/year, divided by 2,000 pounds per ton. Therefore, provided compliance is shown with the 0.01 grain/dscf and hourly emissions limitation, compliance is also shown with the annual allowable mass emission rate.

d. Emission Limitation -

Visible particulate emissions from any stack shall not exceed 5 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method -

If requested, compliance shall be determined through visible emission observations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

- (1) None.



5. Emissions Unit Group -DC8: P016,P018,P019,P020,P021,

| EU ID | Operations, Property and/or Equipment Description |
|--------------|--|
| P016 | Tubular wire draw bench M25 with dust collector (DC8) |
| P018 | Tubular wire draw bench M27 with dust collector (DC8) |
| P019 | Tubular wire draw bench M28 with dust collector (DC8) |
| P020 | Tubular wire draw bench M29 with dust collector (DC8) |
| P021 | Tubular wire draw bench M30 with dust collector (DC8) |

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. b)(1)b.

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. | OAC rule 7345-31-05(A)(3) PTIO P01040171 issued 4/9/09 | The combined particulate emissions from all of these emissions units shall not exceed 0.01 grain/dry standard cubic foot (dscf) of exhaust, 2.40 pounds/hour and 10.5 tons per year (TPY). Visible particulate emissions from any stack shall not exceed 5 percent opacity as a six-minute average. See b)(2)a. and b)(2)b. |
| b. | OAC rule 3745 -31-05(D) Synthetic Minor to avoid Title V | The combined particulate emissions from all of these emissions units shall not exceed 0.01 grain/dscf and 10.5 tons on a rolling 12-month basis. See b)(2)a., b)(2)b. and c)(1). |



| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|-------------------------------|---|
| c. | OAC rule 3745-17-11(B)(1) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). |
| d. | OAC rule 3745-17-07(A) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 3745-31-05(A)(3). |

(2) Additional Terms and Conditions

- a. The permittee shall implement an operation and maintenance (O&M) plan for this emissions unit and its respective air pollution control system. The O&M plan shall include, but not be limited to, the specific steps taken and/or the specific items checked on a routine basis to ensure optimum operation of the emissions unit and its respective air pollution control system. The O&M plan shall be submitted to the Regional Air Pollution Control Agency upon request.
- b. The fabric filter (DC8) is a common control device that receives the exhaust from emissions units P016, P018, P019, P020, P021, and P024. Because the particulate emissions limitations for these emissions units are based on the filter media employed and air flow rate through DC8, the particulate emissions limitations are individual and combined limitations for these emissions units.

c) Operational Restrictions

- (1) The filter media used in the fabric filter shall be designed to limit particulate emissions to less than 0.01 grain/dry standard cubic foot of exhaust.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall keep a record of any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter.
- (2) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across the fabric filter is between 0.5 to 6.0 inches of water.
- (3) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the fabric filter when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the fabric filter on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s).



Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the fabric filter is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of an administrative modification.

- (4) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. 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 visible emission incident; and
- e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify any deviation or exceedance of a federally enforceable requirement contained in this permit to include:
 - a. all deviations of the following emission limitation(s), operational restriction(s), and/or other control device operating parameter limitation(s) that restrict the Potential to Emit (PTE) and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. Any day that the emissions unit was in operation and filter media that does not meet the 0.01 grain/dry standard cubic foot operational restriction was used in the fabric filter.
 - b. the probable cause of each deviation;
 - c. any corrective actions that were taken to remedy the deviations or prevent future deviations; and
 - d. the magnitude of each excursion.

If no deviations/excursions occurred during a calendar quarter, the report shall so state that no deviations occurred during the reporting period.



The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (2) The permittee shall submit annual reports which specify the particulate emission rate, in tons, from each emissions unit. These reports shall be submitted by April 15 of each year and shall cover the previous calendar year. This reporting requirement may be satisfied by including and identifying the specific emission data for each emissions unit in the annual Synthetic Minor Title V Fee Emissions Report.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.
 - a. The permittee shall identify in the annual permit evaluation report the following information concerning the operations of the fabric filter during the 12-month reporting period for these emissions units:
 - i. each period of time (start time and date, and end time and date) when the pressure drop across the fabric filter was outside of the acceptable range;
 - ii. any period of time (start time and date, and end time and date) when the emissions units were in operation and the process emissions were not vented to the fabric filter;
 - iii. each incident of deviation described in "i" (above) where a prompt investigation was not conducted;
 - iv. each incident of deviation described in "i" where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken; and
 - v. each incident of deviation described in "i" where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.
 - b. The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(4) above:
 - i. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - ii. any corrective actions taken to minimize or eliminate the visible particulate emissions.



- (4) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

f) Testing Requirements

- (1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following method(s):

a. Emission Limitation -

The particulate emissions from this emissions unit shall not exceed 0.01 grain/dscf.

Applicable Compliance Method -

Compliance shall be demonstrated based on the design specifications of the filter media used in the fabric filter.

If requested, compliance shall be determined by stack testing performed in accordance with OAC rule 3745-17-03(B)(10) and U.S. EPA Reference Method 5 of 40 CFR Part 60, Appendix A.

b. Emission Limitation -

The particulate emissions from this emissions unit shall not exceed 2.40 pounds/hour.

Applicable Compliance Method -

The 2.40 pounds/hour limitation is based upon the 0.01 grain/dscf multiplied by the design flow rate of the fabric filter (28,000 cfm), divided by 7,000 grains/pound and multiplied by 60 minutes/hour for the 5 draw benches that exhaust through dust collector DC8.

If requested, compliance with this mass emission limitation shall be based on stack testing performed in accordance with OAC rule 3745-17-03(B)(10) and U.S. EPA Reference Method 5 of 40 CFR Part 60, Appendix A.



c. Emission Limitation -

The particulate emissions from this emissions unit shall not exceed 10.5 tons on a rolling 12-month basis (or TPY).

Applicable Compliance Method -

The 10.5 TPY emissions limitation was developed by multiplying the 2.4 pounds/hour limit by 8,760 hours/year, divided by 2,000 pounds per ton. Therefore, provided compliance is shown with the 0.01 grain/dscf and hourly emissions limitation, compliance is also shown with the annual allowable mass emission rate.

d. Emission Limitation -

Visible particulate emissions from any/the stack shall not exceed 5 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method -

If requested, compliance shall be determined through visible emission observations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

- (1) None.