State of Ohio Environmental Protection Agency

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Certified Mail

4/3/2009

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Michael McCormick
FLOW POLYMERS, INC.
12819 COIT ROAD
CLEVELAND, OH 44108

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 1318002448
Permit Number: P0094392
Permit Type: Renewal
County: Cuyahoga

Dear Permit Holder:

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

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

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

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

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

Sincerely,

Michael W. Ahern

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

Cc: CDAQ

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

FINAL

Air Pollution Permit-to-Install and Operate
for
FLOW POLYMERS, INC.

Facility ID: 1318002448
Permit Number: P0094392
Permit Type: Renewal
Issued: 4/3/2009
Effective: 4/3/2009
Expiration: 4/3/2019

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
FLOW POLYMERS, INC.

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Authorization

Facility ID: 1318002448
Application Number(s): A0025899
Permit Number: P0094392
Permit Description: Initial PTIO for a Hydrocarbon resin pelletizing line already installed and operating. PTI 13-03999 issued on 9/25/03.
Permit Type: Renewal
Permit Fee: $0.00
Issue Date: 4/3/2009
Effective Date: 4/3/2009
Expiration Date: 4/3/2019
Permit Evaluation Report (PER) Annual Date: Oct 1 - Sept 30, Due Nov 15

This document constitutes issuance to:

FLOW POLYMERS, INC.
12819 COIT ROAD
Cleveland, OH 44108

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

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

Cleveland Division of Air Quality
2nd Floor
75 Erieview Plaza
Cleveland, OH 44114
(216)664-2297

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

Authorization (continued)

Permit Number: P0094392
Permit Description: Initial PTIO for a Hydrocarbon resin pelletizing line already installed and operating. PTI 13-03999 issued on 9/25/03.

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

Emissions Unit ID:	**P001**
Company Equipment ID:	Hydrocarbon resin pelletizing line
Superseded Permit Number:	13-03999
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

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

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

2. **Who is responsible for complying with this permit?**

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

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

3. **What records must I keep under this permit?**

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

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

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

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

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

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

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

   This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

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

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

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

7. What reports must I submit under this permit?

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

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

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

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

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

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

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

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Cleveland Division of Air Quality 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.

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.

C. Emissions Unit Terms and Conditions

1. P001, Hydrocarbon resin pelletizing line

Operations, Property and/or Equipment Description:

Hydrocarbon resin pelletizing line with bag loading and unloading stations, two 6,000 gallons Hydrocarbon resin tanks, pelletizer, fluidized bed drier, and two process recovery baghouses.

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Fines recovery activity controlled by an 18,475 cubic feet per minute (cfm) FlexKleen baghouse		
a.	OAC rule 3745-31-05(A)(3)	0.086 lb particulate emissions (PE) per hour and 3.76 tons per year (tpy) PE from the stack serving the 18,475 cfm FlexKleen baghouse 3.88 tpy PE as fugitive emissions from the fines recovery activity Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. (See b)(2)a. through b)(2)e.) Visible particulate emissions from the stack associated with the 18,475 cfm FlexKleen baghouse shall not exceed five (5) percent opacity, as a six-minute

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		average. Visible particulate emissions of fugitive dust shall not exceed five (5) percent opacity, as a three-minute average.
b.	OAC rule 3745-17-07(A)(1)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
d.	OAC rule 3745-17-07(B)(1)	The visible fugitive emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	OAC rule 3745-17-08(B)	The requirements specified by this rule are equivalent to the requirements established pursuant to OAC rule 3745-31-05(A)(3).
Talc recovery activity controlled by a 9,000 cfm Torit baghouse.		
f.	OAC rule 3745-05(A)(3)	0.09 lb particulate emissions (PE) per hour and 0.39 tons per year (tpy) PE from the stack serving the 9,000 cubic feet per minute (cfm) Torit Baghouse. 0.40 tpy PE as fugitive emissions from the talc recovery activity Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. (See b)(2)a. through b)(2)e.) Visible particulate emissions from the stack associated with the 9,000 cfm Torit baghouse shall not exceed five (5) percent opacity, as a six-minute average. Visible particulate emissions of fugitive dust shall not exceed five (5) percent opacity, as a three-minute average.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
g.	OAC rule 3745-17-07(A)(1)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
h.	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
i.	OAC rule 3745-17-07(B)(1)	The visible fugitive emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
j.	OAC rule 3745-17-08(B)	The requirements specified by this rule are equivalent to the requirements established pursuant to OAC rule 3745-31-05(A)(3).

(2) Additional Terms and Conditions

a. The permittee shall employ best available control measures for the material handling operations (bag loading and unloading) for the purpose of ensuring compliance with the applicable requirements. The permittee has committed to reduce the bag loading and unloading velocity at such stations in order to reduce fugitive emissions. Other activities include but are not limited to the clean up of dust material at the surrounding process areas to assure compliance with these requirements.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

b. For each material handling operation (bag loading and unloading), the above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the material handling operation(s) until further observation confirms that use of the control measure(s) is unnecessary.

c. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit.

d. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, dust material from the production and material handling area.

e. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05(A)(3).

c) Operational Restrictions

(1) The pressure drop across the baghouses shall be maintained within the range of 2.0 and 6.0 inches of water, or otherwise in accordance to the manufacturer's recommendation, while the emissions unit is in operation.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each month for P001, including the fines recovery activity and the talc recovery activity:

a. the total monthly material feed rate, in pounds;

b. the total rolling, 12-month material feed rate, in pounds; and

c. the total monthly operating hours.

(2) Except as otherwise provided in this section, the permittee shall perform inspections of the process areas in accordance with the following frequencies:

Bag loading/unloading station areas	Minimum inspection frequency
50 feet of material processing area	weekly

(3) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures for visible emissions of fugitive dust. The inspections shall be performed during representative, normal operating hours.

(4) The permittee shall perform daily checks, when the emissions unit is in operation and when weather conditions allow, for any visible particulate emissions from each of the stacks serving the 18,475 cfm FlexKleen and the 9,000 cfm Torit baghouses associated with this emissions unit. The presence or absence of any visible emissions from any of the stacks shall be noted in an operations log. If visible emissions from any of the stacks 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) The permittee may, upon receipt of written approval from the Cleveland Division of Air Quality (DAQ), modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

(6) The permittee shall maintain records of the following information:

a. the date and reason any required inspection was not performed, including those inspections that were not performed due to process and operations shutdown;

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

c. the dates the control measures were implemented; and

d. on a calendar quarter basis, the total number of weeks the control measures were implemented and the total number of weeks when inspections were not performed due to process and operations shutdown.

(7) The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across each of the baghouses while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each of the baghouses on a weekly basis to ensure compliance with the above-mentioned applicable requirements.

e) Reporting Requirements

(1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

(2) The permittee shall identify 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. each day during which an inspection was not performed by the required frequency; and

b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

f) Testing Requirements

(1) Compliance with the emissions limitation(s) in b)(1) of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation:
From the stack serving the 18,475 cfm FlexKleen baghouse

0.86 lb PE/hr

Applicable Compliance Method:
Compliance with the hourly emission limitations shall be determined by using the following formula utilizing the maximum process rate of the Hydrocarbon resin pelletizing line:

E = [F][W][C][1 - R]

where,

E = actual controlled particulate emissions from stack serving this baghouse, in pounds per hour
F = emission factor of, 0.0074 lbs PM/ lb of material*
W = weight of the processed material in pounds per hour
C = process capture efficiency claimed by petitioner, percentage (99%)
R = overall baghouse removal efficiency, percentage (99%).

*This uncontrolled emission factor was proposed by the petitioner based on appropriate mass balance calculations as stated in the permit application.

If required, compliance shall be determined using Methods 1 through 5 in accordance with 40 CFR, Part 60, Appendix A.

b. Emission Limitation:
From the stack serving the 18,475 cfm FlexKleen baghouse
3.76 tpy PE

Applicable Compliance Method:
The annual limit is based on the allowable hourly emission limit (0.86 lbs/hr) multiplied by the maximum possible operating hours (8,760 hr/yr), divided by 2,000 (lbs/ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

c. Emission Limitation:
3.88 tpy PE as fugitive emissions for the fines recovery activity

Applicable Compliance Method:
The tpy emission rate shall be determined through incorporation into the following formulation:

E = [F] x [W] x [1 - C] x [Z]

where,

E = total fugitive emissions, in tons per year
F = proposed emission factor (0.0074 lb PE / pound of processed material)
W = processed material, in pounds per year
C = capture efficiency for this activity, in percentage (99%)
Z = conversion factor, (1 ton /2,000 lb).

d. Emission Limitation:
From the stack serving the 9,000 cfm Torit baghouse

0.09 lb PE/hr

Applicable Compliance Method:
Compliance with the hourly emission limitations shall be determined by using the following formula utilizing the maximum process rate of the Hydrocarbon Resin pelletizing line:

E = [F][W][C][1 - R]

where,

E = actual controlled particulate emissions from stack serving this baghouse, in pounds per hour
F = emission factor of, 0.00077 lbs PM/ lb of material*
W = weight of the processed material in pounds per hour
C = process capture efficiency claimed by petitioner, percentage (99%)
R = overall baghouse removal efficiency, percentage (99%).

*This uncontrolled emission factor was proposed by the petitioner based on appropriate mass balance calculations as stated in the permit application.

e. Emission Limitation:
From the stack serving the 9,000 cfm Torit baghouse
0.39 tpy PE

Applicable Compliance Method:
The annual limit is based on the allowable hourly emission limit (0.09 lb/hr) multiplied by the maximum possible operating hours (8,760 hr/yr), divided by 2,000 (lbs/ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

If required, compliance shall be determined using Methods 1 through 5 in accordance with 40 CFR, Part 60, Appendix A.

f. Emission Limitation:
0.40 tpy PE as fugitive emissions for the talc recovery activity

Applicable Compliance Method:
The TPY emission rate shall be determined through incorporation into the following formulation:

E = [F] x [W] x [1 - C] x [Z]

where,

E = total fugitive emissions, in tons per year
F = proposed emission factor (0.00077 lb PE / pound of processed material)
W = processed material, in pounds per year
C = capture efficiency for this activity, in percentage (99%)
Z = conversion factor, (1 ton /2,000 lb).

g. Emission Limitation:
Visible particulate emissions from any of the stacks associated with the 18,474 cfm FlexKleen, and the 9,000 cfm Torit baghouses shall not exceed five (5) percent opacity, as a six-minute average.

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03 (B)(1).

h. Emission Limitation:
Visible particulate emissions of fugitive dust shall not exceed five percent opacity, as a three (3)-minute average.

Applicable Compliance Method:
If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03 (B)(3). The points of observation shall include any non-stack egress points from the building housing this emissions unit. Such egress points shall include, but are not limited to, doorways, windows and roof monitors.

g) Miscellaneous Requirements

(1) None.