



FSO-042-08

# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

NORTHERN VIRGINIA REGIONAL OFFICE  
13901 Crown Court, Woodbridge, Virginia 22193  
(703) 583-3800 Fax (703) 583-3801  
www.deq.virginia.gov

L. Preston Bryant, Jr.  
Secretary of Natural Resources

David K. Paylor  
Director

~~Jeffery A. Steers~~  
Regional Director

April 4, 2008

Mr. Charles J. Capitano  
Environmental Health and Safety Director  
Crider and Shockey, Inc.  
P.O. Box 2530  
Winchester, Virginia 22604

Registration No.: 40786

Dear Mr. Capitano:

Attached is a permit to modify and operate a concrete batch plant in accordance with the provisions of the Commonwealth of Virginia State Air Pollution Control Board (Board) Regulations for the Control and Abatement of Air Pollution (Regulations). This permit supersedes your permit dated October 10, 1989.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

In the course of evaluating the application and arriving at a final decision, the Department of Environmental Quality (DEQ) deemed the application complete on January 17, 2008 and has determined that the application meets the requirements of 9 VAC 5-80-1280 A, B and C for a minor amendment to a new source review permit.

This permit approval to modify and operate shall not relieve Crider and Shockey, Inc. of the responsibility to comply with all other local, state, and federal permit regulations.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within thirty days after this case decision notice was mailed or delivered to you. 9 VAC 5-170-200 provides that you may request direct

Event	Date	Initials
Code: mNSR	4/2/08	AK
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Mr. Capitano  
April 4, 2008  
Page 2

consideration of the decision by the Board if the Director of the DEQ made the decision. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have thirty days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director  
Department of Environmental Quality  
P. O. Box 1105  
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact Elizabeth Aiken at 703.583.3890.

Sincerely,



Terry H. Darton  
Regional Air Permit Manager

TAF/THD/EHA/08-042-mnsr

Attachments: Permit

cc: Director, OAPP (electronic file submission)  
Manager/Inspector, Air Compliance  
File



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Secretary of Natural Resources

David K. Paylor  
Director

~~Jeffery A. Steers~~  
Regional Director

### STATIONARY SOURCE PERMIT TO MODIFY AND OPERATE

This permit supersedes your permit dated October 10, 1989.

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

Crider and Shockey, Inc.  
P.O. Box 2530  
Winchester, Virginia 22604  
Registration No: 40786

is authorized to modify and operate a:

Concrete Batch Plant

located at

Bealeton, Virginia

in accordance with the Conditions of this permit.

Approved on

April 4, 2008

Handwritten signature of Thomas A. Faha.

Thomas A. Faha  
Regional Director

Permit consists of 9 pages.  
Permit Conditions 1 to 22.

## **INTRODUCTION**

This permit approval is based on the permit application dated October 12, 2007, with additional information submitted January 17, 2008, and the previous permit dated October 10, 1989, and permit application dated July 07, 1989. Any changes in the permit application specifications or any existing facilities which alter the impact of the facility on air quality may require a permit. Failure to obtain such a permit prior to construction may result in enforcement action. In addition, this facility may be subject to additional applicable requirements not listed in this permit.

Words or terms used in this permit shall have meanings as provided in 9 VAC 5-80-1110 (definitions) and 9 VAC 5-10-20 of the State Air Pollution Control Board's (Board) Regulations for the Control and Abatement of Air Pollution (Regulations). The regulatory reference or authority for each condition is listed in parentheses () after each condition.

Annual requirements to fulfill legal obligations to maintain current stationary source emissions data will necessitate a prompt response by the permittee to requests by the Department of Environmental Quality (DEQ) or the Board for information to include, as appropriate: process and production data; changes in control equipment; and operating schedules. Such requests for information from the DEQ will either be in writing or by personal contact.

The availability of information submitted to the DEQ or the Board will be governed by applicable provisions of the Freedom of Information Act, §§ 2.2-3700 through 2.2-3714 of the Code of Virginia, § 10.1-1314 (addressing information provided to the Board) of the Code of Virginia, and 9 VAC 5-170-60 of the State Air Pollution Control Board Regulations. Information provided to federal officials is subject to appropriate federal law and regulations governing confidentiality of such information.

## **PROCESS REQUIREMENTS**

1. **Equipment List** - Equipment to be permitted at this facility consists of:

<b>Equipment Description</b>	<b>Rated Capacity</b>	<b>Federal Requirements</b>
One C&W Central Dust Collection System, Model No: CP 1220-1678		
One Truck mix concrete batch plant	300 Tons/Hour	
One Cement storage silo	122.2 Tons	
One Fly ash storage silo	70.5 Tons	

Equipment exempt from permitting at this facility consists of:

Equipment Description	Rated Capacity	Federal Requirements
One above ground #2 fuel storage tank	3,000 gallons	
One Pearsons #2 fuel fired heating system, Model No P-10-15W	2 mmBtu/hr	

Specifications included in the permit under this Condition are for informational purposes only and do not form enforceable terms or conditions of the permit.  
(9 VAC 5-80-1180 D.3)

2. **Emission Controls** - Particulate emissions from the truck mix loading operation shall be controlled by a C & W pulse jet cartridge dust collector. The control device shall be provided with adequate access for inspection and shall be in operation when the concrete batch plant is operating.  
(9 VAC 5-50-260 and 9 VAC 5-80-1180)
3. **Emission Controls** - Particulate emissions from cement silos, fly ash silos, and the weigh hopper shall be controlled by a C & W pulse jet cartridge dust collector. The control device shall be provided with adequate access for inspection and shall be in operation when the cement silo and fly ash silo are operating.  
(9 VAC 5-50-260 and 9 VAC 5-80-1180)
4. **Fugitive Emission Controls** - Fugitive dust and fugitive emission controls shall include the following, or equivalent, as a minimum:
  - a. Dust from material handling, open storage stockpiles, conveying equipment, and load-outs, shall be controlled by wet suppression or equivalent (as approved by the DEQ.)
  - b. All material being stockpiled shall be kept adequately moist to control dust during storage and handling or covered at all times to minimize emissions.
  - c. Dust from haul roads and traffic areas shall be controlled by the application of asphalt, water, suitable chemicals, or equivalent (as approved by the DEQ.)
  - d. Reasonable precautions shall be taken to prevent deposition of dirt on public roads and subsequent dust emissions. Dirt, product, or raw material spilled or tracked onto paved surfaces shall be promptly removed to prevent particulate matter from becoming airborne.  
(9 VAC 5-80-1180, 9 VAC 5-50-260, and 9 VAC 5-50-90)
5. **Monitoring Devices** - The central dust collector shall be equipped with a device to continuously measure the differential pressure drop across the central dust collector.

Each monitoring device shall be installed, maintained, calibrated and operated in accordance with approved procedures which shall include, as a minimum, the manufacturer's written requirements or recommendations. Each monitoring device shall be provided with adequate access for inspection and shall be in operation when the concrete batch plant is operating.

(9 VAC 5-80-1180 D, 9 VAC 5-50-20 C, and 9 VAC 5-50-260)

6. **Monitoring Device Observation** - The monitoring device used to continuously measure the differential pressure drop shall be observed by the permittee with a frequency as recommended by the manufacturer, but not less than daily. The permittee shall keep a log of the observations from the control monitoring device.  
(9 VAC 5-80-1180 D)

### **OPERATING LIMITATIONS**

7. **Production** - The production of concrete shall not exceed 100,000 cubic yards per year or 200,000 tons per year, calculated monthly as the sum of each consecutive twelve month period. Compliance for the consecutive twelve month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding eleven months.  
(9 VAC 5-80-1180)

### **EMISSION LIMITS**

8. **Emission Limits** - Emissions from the operation of the truck mix concrete batch plant shall not exceed the limits specified below:

PM-10	1.71 lbs/hr	0.57 tons/yr
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These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits shall be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Condition numbers 2, 3, 4, 6, and 7.

(9 VAC 5-80-1180 and 9 VAC 5-50-260)

9. **Visible Emission Limit** - Visible emissions from the central dust collector shall not exceed five percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed ten percent opacity, as determined by EPA Method 9 (reference 40 CFR 60, Appendix A).  
(9 VAC 5-80-1180 and 9 VAC 5-50-260)

### **CONTINUING COMPLIANCE DETERMINATION**

10. **Visible Emissions Evaluation** - Upon request by the DEQ, the permittee shall conduct visible emission evaluations from the concrete batch plant to demonstrate compliance with the visible emission limits contained in this permit. The details of

the tests shall be arranged with the Regional Air Compliance Manager of the DEQ's Fredericksburg Satellite Office (NRO-FSO) at the address referenced in Condition 11.

(9 VAC 5-80-1200 and 9 VAC 5-50-30 G)

## **RECORDS**

11. All correspondence concerning this permit should be submitted to the following address:

Regional Air Compliance Manager  
Department of Environmental Quality  
Northern Regional Office-Fredericksburg Satellite Office (NRO-FSO)  
806 Westwood Office Park  
Fredericksburg, VA 22401  
(9 VAC 5-50-50 and 9 VAC 5-80-1180)

12. **On Site Records** - The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Regional Air Compliance Manager of the DEQ's NRO-FSO. These records shall include, but are not limited to:

- a. Annual production of concrete in tons per year and cubic yards per year, calculated monthly as the sum of each consecutive twelve month period. Compliance for the consecutive twelve month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding eleven months.
- b. Log of the pressure drop readings from the devices as measured across the central dust collection control devices.
- c. Copies of emissions testing and/or visible emissions evaluation test reports used for determining compliance with the emission limits in Conditions 8 and 9.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.

(9 VAC 5-80-1180 and 9 VAC 5-50-50)

## **GENERAL CONDITIONS**

### **13. Certification of Documents**

- A. The following documents submitted to the Board shall be signed by a responsible official: (i) any emission statement, application, form, report, or compliance certification; (ii) any document required to be signed by any provision of the regulations of the Board; or (iii) any other document containing emissions data or compliance information the owner wishes the Board to

consider in the administration of its air quality programs. A responsible official is defined as follows:

1. For a business entity, such as a corporation, association or cooperative, a responsible official is either:
    - a. The president, secretary, treasurer, or a vice president of the business entity in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the business entity; or
    - b. A duly authorized representative of such business entity if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either (i) the facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars) or (ii) the authority to sign documents has been assigned or delegated to such representative in accordance with procedures of the business entity.
  2. For a partnership or sole proprietorship, a responsible official is a general partner or the proprietor, respectively.
  3. For a municipality, state, federal, or other public agency, a responsible official is either a principal executive officer or ranking elected official. A principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of the principal geographic unit of the agency.
- B. Any person signing a document under subsection A above shall make the following certification:
- "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*
- C. Subsection B shall be interpreted to mean that the signer must have some form of direction or supervision over the persons gathering the data and



preparing the document (the preparers), although the signer need not personally nor directly supervise these activities. The signer need not be in the same line of authority as the preparers, or do the persons gathering the form need to be employees (e.g., outside contractors can be used). It is sufficient that the signer has authority to assure that the necessary actions are taken to prepare a complete and accurate document.

(9 VAC 5-20-230)

**14. Permit Suspension/Revocation** - This permit may be suspended or revoked if the permittee:

- a. Knowingly makes material misstatements in the permit application or any amendments to it;
- b. Fails to comply with the conditions of this permit;
- c. Fails to comply with any emission standards applicable to a permitted emissions unit;
- d. Causes emissions from the stationary source which result in violations of, or interfere with the attainment and maintenance of, any ambient air quality standard; or
- e. Fails to operate in conformance with any applicable control strategy, including any emission standards or emission limitations, in the State Implementation Plan in effect at the time an application for this permit is submitted.

(9 VAC 5-80-1210 F)

**15. Right of Entry** - The permittee shall allow authorized local, state, and federal representatives, upon the presentation of credentials:

- a. To enter upon the permittee's premises on which the facility is located or in which any records are required to be kept under the terms and conditions of this permit;
- b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;
- c. To inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and
- d. To sample or test at reasonable times.

For purposes of this condition, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make an inspection time unreasonable during an emergency. (9 VAC 5-170-130 and 9 VAC 5-80-1180)

**16. Maintenance/Operating Procedures** – At all times, including periods of start-up, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate the affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.

The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions, with respect to air pollution control equipment, monitoring devices, and process equipment which affect such emissions:

- a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.
- b. Maintain an inventory of spare parts.
- c. Have available written operating procedures for equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum.
- d. Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures, prior to their first operation of such equipment. The permittee shall maintain records of the training provided including the names of trainees, the date of training and the nature of the training.

Records of maintenance and training shall be maintained on site for a period of five years and shall be made available to DEQ personnel upon request. (9 VAC 5-50-20 E and 9 VAC 5-80-1180 D)

**17. Record of Malfunctions** – The permittee shall maintain records of the occurrence and duration of any bypass, malfunction, shutdown or failure of the facility or its associated air pollution control equipment that results in excess emissions for more than one hour. Records shall include the date, time, duration, description (emission unit, pollutant affected, cause), corrective action, preventive measures taken and name of person generating the record. (9 VAC 5-20-180 J and 9 VAC 5-80-1180 D)

**18. Notification for Facility or Control Equipment Malfunction** - The permittee shall furnish notification to the Regional Air Compliance Manager of the DEQ's NRO-FSO (at the address listed in Condition 11) of malfunctions of the affected facility or related air pollution control equipment that may cause excess emissions for more

than one hour, by facsimile transmission, telephone, telegraph, or electronic communication. Such notification shall be made as soon as practicable but no later than four daytime business hours after the malfunction is discovered. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within two weeks of discovery of the malfunction. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify the Regional Air Compliance Manager of the DEQ's NRO-FSO.  
(9 VAC 5-20-180 C and 9 VAC 5-80-1180)

**19. Notification for Control Equipment Maintenance** - The permittee shall furnish notification to the Regional Air Compliance Manager of the DEQ's NRO-FSO of the intention to shut down or bypass, or both, air pollution control equipment for necessary scheduled maintenance, which results in excess emissions for more than one hour, at least twenty-four hours prior to the shutdown. The notification shall include, but is not limited to, the following information:

- a. Identification of the air pollution control equipment to be taken out of service, as well as its location, and registration number;
  - b. The expected length of time that the air pollution control equipment will be out of service;
  - c. The nature and quantity of emissions of air pollutants likely to occur during the shutdown period;
  - d. Measures that will be taken to minimize the length of the shutdown or to negate the effect of the outage.
- (9 VAC 5-20-180 B)

**20. Violation of Ambient Air Quality Standard** - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.  
(9 VAC 5-20-180 I and 9 VAC 5-80-1180)

**21. Change of Ownership** - In the case of a transfer of ownership of a stationary source, the new owner shall abide by any current permit issued to the previous owner. The new owner shall notify the Regional Air Compliance Manager of the DEQ's NRO-FSO of the change of ownership within thirty days of the transfer.  
(9 VAC 5-80-1240)

**22. Permit Copy** - The permittee shall keep a copy of this permit on the premises of the facility to which it applies.  
(9 VAC 5-80-1180)

\*\*\*OCR\*\*\*

The following pages contain the Optical Character Recognition text of the preceding scanned images.

FSO-042-08

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DEPARTMENT OF ENVIRONMENTAL QUALITY

L. Preston Bryant, Jr. NORTHERN VIRGINIA REGIONAL OFFICE David K. Paylor  
Secretary of Natural Resources 13901 Crown Court, Woodbridge, Virginia 22193  
Director  
(703) 583-3800 Fax (703) 583-3801  
www.deq.virginia.gov

April 4, 2008  
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Mr. Charles J. Capitano  
Environmental Health and Safety Director  
Crider and Shockey, Inc.  
P.O. Box 2530  
Winchester, Virginia 22604  
Registration No.: 40786

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Page 2

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Sincerely,

jt6kb@@  
Terry H. Darton  
Regional Air Permit Manager

TAFfTHD/EHA/08-042-mnsr

Attachments: Permit

cc: Director, OAPP (electronic file submission)  
Manager/Inspector, Air Compliance  
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DEPARTMENT OF ENVIRONMENTAL QUALITY

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Winchester, Virginia 22604

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Concrete Batch Plant

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Regional Director

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Permit Conditions 1 to 22.



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Page 2

#### INTRODUCTION

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#### PROCESS REQUIREMENTS

1. Equipment List - Equipment to be permitted at this facility consists of:

Equipment Description Rated Capacity Federal  
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Model No: CP 1220-1678  
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One Fly ash storage silo 70.5 Tons



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Page 3

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Equipment Description Rated Capacity Federal Requirements  
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Specifications included in the permit under this Condition are for informational purposes only and do not form enforceable terms or conditions of the permit. (9 VAC 5-80-1180 D.3)

2. Emission Controls - Particulate emissions from the truck mix loading operation shall be controlled by a C & W pulse jet cartridge dust collector. The control device shall be provided with adequate access for inspection and shall be in operation when the concrete batch plant is operating. (9 VAC 5-50-260 and 9 VAC 5-80-1180)

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a. Dust from material handling, open storage stockpiles, conveying equipment, and load-outs, shall be controlled by wet suppression or equivalent (as approved by the DEQ.)

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d. Reasonable precautions shall be taken to prevent deposition of dirt on public roads and subsequent dust emissions. Dirt, product, or raw material spilled or tracked onto paved surfaces shall be promptly removed to prevent particulate matter from becoming airborne. (9 VAC 5-80-1180, 9 VAC 5-50-260, and 9 VAC 5-50-90)

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Page 4

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#### OPERATING LIMITATIONS

7. Production - The production of concrete shall not exceed 100,000 cubic yards per year or 200,000 tons per year, calculated monthly as the sum of each consecutive twelve month period. Compliance for the consecutive twelve month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding eleven months.  
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#### EMISSION LIMITS

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#### CONTINUING COMPLIANCE DETERMINATION

10. Visible Emissions Evaluation - Upon request by the DEQ, the permittee shall

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Page 5

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#### RECORDS

1 I. All correspondence concerning this permit should be submitted to the foll  
owing  
address:

Regional Air Compliance Manager  
Department of Environmental Quality  
Northern Regional Office-Fredericksburg Satellite Office (NRO-FSO)  
806 Westwood Office Park  
Fredericksburg, VA 22401  
(9 VAC 5-50-50 and 9 VAC 5-80-1180)

12. On Site Records - The permiftee shall maintain records of emission data an  
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operating parameters as necessary to demonstrate compliance with this permit.

The  
content and format of such records shall be arranged with the Regional Air  
Compliance Manager of the DEQ's NRO-FSO. These records shall include, bUt are

not limited to:

- a. Annual production of concrete in tons per year and cubic yards per year,  
calculated monthly as the sum of each consecutive twelve month period.  
Compliance for the consecutive twelve month period shall be demonstrated  
monthly by adding the tptal for the most recently completed calendar month to  
the individual monthly totals for the preceding eleven m6nth.
- b. Log of the pressure drop readings from the devices as measured across the  
central dust collection control devices.
- c. Copies of emissions testing and/or visible emissions evaluation test report  
s used  
for determining compliance with the emission limits in Conditions 8 and 9.  
These records shall be available for inspection by the DEQ and shall be curren  
t for  
the most recent five years.  
(9 VAC 5-80-1180 and 9 VAC 5-50-50)

#### GENERAL CONDITIONS

##### 13. Certification of Documents

A. The following documents submitted to the Board shall be signed by a  
responsible official: (i) any emission statement, application, form, report, o  
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compliance certification; (ii) any document required to be signed by any  
provision of the regulations of the Board; or (iii) any other document contain  
ing  
emissions data or compliance information the owner wishes the Board to

.,rider and Shockey, Inc.  
Registration Number: 40786  
April 4, 2008  
Page 6

consider in the administration of its air quality programs. A responsible official is defined as follows:

1. For a business entity, such as a corporation, association or cooperative, a responsible official is either:

a. The president, secretary, treasurer, or a vice president of the business entity in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the business entity; or

b. A duly authorized representative of such business entity if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either (i) the facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars) or (ii) the authority to sign documents has been assigned or delegated to such representative in accordance with procedures of the business entity.

2. For a partnership or sole proprietorship, a responsible official is a general partner or the proprietor, respectively.

3. For a municipality, state, federal, or other public agency, a responsible official is either a principal executive officer or ranking elected official.

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principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of the principal geographic unit of the agency.

B. Any person signing a document under subsection A above shall make the following certification:

'I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.'

C. Subsection B shall be interpreted to mean that the signer must have some form of direction or supervision over the persons gathering the data and



L; rider and Shockey, Inc.  
Registration Number: 40786  
April 4, 2008  
Page 7

preparing the document (the preparers), although the signer need not personally nor directly supervise these activities. The signer need not be in

the same line of authority as the preparers, or do the persons gathering the form need to be employees (e.g., outside contractors can be used). It is sufficient that the signer has authority to assure that the necessary actions are taken to prepare a complete and accurate document.  
(9 VAC 5-20-230)

14. Permit Suspension/Revocation - This permit may be suspended or revoked if the permittee:

a. Knowingly makes material misstatements in the permit application or any amendments to it;

b. Fails to comply with the conditions of this permit;

c. Fails to comply with any emission standards applicable to a permitted emissions unit;

d. Causes emissions from the stationary source which result in violations of, or interfere with the attainment and maintenance of, any ambient air quality standard; or

e. Fails to operate in conformance with any applicable control strategy, including any emission standards or emission limitations, in the State Implementation Plan in effect at the time an application for this permit is submitted.  
(9 VAC 5-80-121 0 F)

15. Right of Entry - The permittee shall allow authorized local, state, and federal representatives, upon the presentation of credentials:

a. To enter upon the permittee's premises on which the facility is located or in which

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1 any records are required to be kept under the terms and conditions of this permit;

b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;

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c. To inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and

d. To sample or test at reasonable times.

%,rider and Shockey, Inc.  
Registration Number: 40786  
April 4, 2008  
Page 8

For purposes of this condition, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make an inspection time unreasonable during an emergency.  
(9 VAC 5-170-130 and 9 VAC 5-80-1180)

16. Maintenance/Operating Procedures - At all times, including periods of start-up, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate the affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.  
The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions, with respect to with respect to air pollution control equipment, monitoring devices, and process equipment which affect such emissions:

- a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.
- b. Maintain an inventory of spare parts.
- c. Have available written operating procedures for equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum.
- d. Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures, prior to their first operation of such equipment. The permittee shall maintain records of the training provided including the names of trainees, the date of training and the nature of the training.

Records of maintenance and training shall be maintained on site for a period of five years and shall be made available to DEQ personnel upon request.  
(9 VAC 5-50-20 E and 9 VAC 5-80-1180 D)

17. Record of Malfunctions - The permittee shall maintain records of the occurrence and duration of any bypass, malfunction, shutdown or failure of the facility or its associated air pollution control equipment that results in excess emissions for more than one hour. Records shall include the date, time, duration, description (emission unit, pollutant affected, cause), corrective action, preventive measures taken and name of person generating the record.  
(9 VAC 5-20-180 J and 9 VAC 5-80-1180 D)

18. Notification for Facility or Control Equipment Malfunction - The permittee shall furnish notification to the Regional Air Compliance Manager of the DEQ's NRO-FSO (at the address listed in Condition 1.1) of malfunctions of the affected facility or related air pollution control equipment that may cause excess emissions for more

, , , , rider and Shockey, Inc.  
Registration Number: 40786  
April 4, 2008  
Page 9

than one hour, by facsimile transmission, telephone, telegraph, or electronic communication. Such notification shall be made as soon as practicable but no later than four daytime business hours after the malfunction is discovered. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within two weeks of discovery of the malfunction. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify the Regional Air Compliance Manager of the DEQ's NRO-FSO.  
(9 VAC 5-20-180 C and 9 VAC 5-80-1180)

19. Notification for Control Equipment Maintenance - The permittee shall furnish notification to the Regional Air Compliance Manager of the DEQ's NRO-FSO of the intention to shut down or bypass, or both, air pollution control equipment for necessary scheduled maintenance, which results in excess emissions for more than one hour, at least twenty-four hours prior to the shutdown. The notification shall include, but is not limited to, the following information:

- a. Identification of the air pollution control equipment to be taken out of service, as well as its location, and registration number;
- b. The expected length of time that the air pollution control equipment will be out of service;
- c. The nature and quantity of emissions of air pollutants likely to occur during the shutdown period;
- d. Measures that will be taken to minimize the length of the shutdown or to negate the effect of the outage.  
(9 VAC 5-20-180 B)

20. Violation of Ambient Air Quality Standard - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.  
(9 VAC 5-20-180 1 and 9 VAC 5-80-1180)

21. Change of Ownership - In the case of a transfer of ownership of a stationary source, the new owner shall abide by any current permit issued to the previous owner. The new owner shall notify the Regional Air Compliance Manager of the DEQ's NRO-FSO of the change of ownership within thirty days of the transfer.  
(9 VAC 5-80-1240)

22. Permit Copy - The permittee shall keep a copy of this permit on the premises

es of the  
facility to which it applies.  
(9 VAC 5-80-1180)