



FSO-251-04

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

W. Tayloe Murphy, Jr.
Secretary of Natural Resources

806 Westwood Office Park
Fredericksburg, Virginia 22401
(540) 899-4600 Fax (540) 899-4647
www.deq.state.va.us

Robert G. Burnley
Director

Jeffery A. Steers
Regional Director

August 13, 2004

Mr. Kendall F. Rowe, Jr.
President
Rowe Concrete LLC
13250 James Madison Parkway
King George, VA 22485

Registration No: 40831

Dear Mr. Rowe:

Attached is a permit to modify and operate a concrete batch plant facility in accordance with the provisions of the Commonwealth of Virginia State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution.

The permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and civil penalty. Please read all permit conditions carefully.

In the course of evaluating the application and arriving at a final decision to approve the project, the Department of Environmental Quality (DEQ) deemed the application complete on July 30, 2004.

This approval to construct and operate shall not relieve Rowe Concrete LLC 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 provides 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 5-170-180 provides that you may request direct 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 of service of this decision (the date you actually received this decision 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:

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QC

Mr. Kendall F. Rowe, Jr.
August 13, 2004
Page 2

Robert G. Burnley, Director
Department of Environmental Quality
P.O. Box 10009
Richmond, Virginia 23240-0009

In the event that this decision is served on you by mail, three days are added to the 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 call the regional office at (540) 899-4600.

Sincerely,


for Terry H. Darton
Regional Permit Manager

THD/TMV/04251MNSR
Attachment: Permit

Cc: Director, OAPP (electronic file submission)
Manager, Data Analysis (electronic file submission)
Chief, Air Enforcement Branch (3AP13), U.S. EPA, Region III



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Robert G. Burnley
Director

Jeffery A. Steers
Regional Director

STATIONARY SOURCE PERMIT TO MODIFY AND OPERATE
This permit includes designated equipment subject to New Source Performance
Standards (NSPS).

This permit supercedes the August 28, 1998 Permit.

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

Rowe Concrete LLC
1320 James Madison Parkway
King George, VA 22485
Registration No.: 40831

is authorized to construct and operate:

a concrete batch plant.

located at:

8520 Indian Hills Court
Fredericksburg, VA

in accordance with the Conditions of this permit.

Approved on:

August 13, 2004


Robert G. Burnley
Director, Department of Environmental Quality

Permit consists of 7 pages.
Permit Conditions 1 to 23.
Source Testing Report Format.

PERMIT CONDITIONS - the regulatory reference or authority for each condition is listed in parentheses () after each condition.

APPLICATION

1. Except as specified in this permit, the permitted facility is to be constructed and operated as represented in the permit application dated July 8, 2004. 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.
(9 VAC 5-50-390 and 9 VAC 5-80-1210)

PROCESS REQUIREMENTS

2. **Equipment List** - Equipment to be constructed and operated at this facility consists of:
 - one Con-E-Co Ready Mix Concrete Batch Plant Model Lo-Pro-12 rated at 200 tons of concrete per hour
 - one cement silo with a storage capacity of 100 tons
 - one fly ash silo with a capacity of 50 tons
 - one Con-E-Co 475 bbl slag concrete silo (maximum rated capacity of 30 tons/hr)
 - Various bins and conveyors
(9 VAC 5-80-1100)
3. **Test/Monitoring Ports** - The permitted facility shall be constructed so as to allow for emissions testing and monitoring upon reasonable notice at any time, using appropriate methods. Test ports shall be provided when requested at the appropriate locations.
(9 VAC 5-50-30 F)
4. **Emission Controls** - PM and PM-10 emissions from the three silos, weigh hopper, and truck load out point shall each be controlled by a fabric filter baghouses. The truck load out point shall have a shroud around the discharge point. The fabric filter shall be provided with adequate access for inspection and shall be in operation when the concrete plant is operating.
(9 VAC 5-50-260)
5. **Fugitive Dust Emission Controls** - Fugitive dust emission controls shall include the following, or equivalent at 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). The wet suppression spray systems shall be operated at optimum design, pressure gauges shall be installed, with adequate access for inspection of the measuring device to operate system pressures.

- 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 methods approved by the DEQ.
- d) Reasonable precautions shall be taken to prevent the deposition of dirt on public roads and subsequent dust emissions. These measures shall include paving the entrance road to the facility in from the public road. Trucks leaving the site shall have clean wheels achieved by using a wheel washer, or equivalent. Dirt, product, or raw material spilled or tracked onto paved surfaces shall be promptly removed to prevent particulate matter from becoming airborne.
(9 VAC 5-50-260, and 9 VAC 5-50-90)

OPERATING/EMISSION LIMITATIONS

- 6. **Production of Concrete** - The production of concrete processed shall not exceed 100,000 cubic yards/yr., calculated monthly as the sum of each consecutive twelve-month period.
(9 VAC 5-80-1180)
- 7. **Fuel** - The approved fuel for the 1.38 Million Btu (MMBtu) fuel burning equipment is No. 2 fuel oil. A change in the fuel may require a permit to modify and operate.
(9 VAC 5-80-1180)
- 8. **Fuel Throughput** – The 1.38 Million Btu (MMBtu) fuel burning equipment shall consume no more than 12,500 gallons of No. 2 fuel oil per year, calculated monthly as the sum of each consecutive twelve month period
(9 VAC 5-80-1180)
- 9. **Fuel Certification** – The permittee shall obtain a certification from the fuel supplier with each shipment of distillate oil. Each fuel supplier certification shall include the following:
 - a. The name of the fuel supplier;
 - b. The date on which the distillate oil was received;
 - c. The volume of distillate oil delivered in the shipment;
 - d. A statement that the distillate oil complies with the American Society for Testing and Materials specifications for numbers 1 and 2 fuel oil;
(9 VAC 5-170-160)
- 10. **Emission Limits: Concrete Plant** - Emissions from the operation of the concrete plant shall not exceed the limits specified below:

Particulate Matter	3.19 lbs./hr.	10.34 tons/yr.
PM-10	1.18 lbs./hr.	2.82 tons/yr.

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 6, 7, and 8.
(9 VAC 5-50-260)

11. **Visible Emission Limit: Baghouse** - Visible emissions from the baghouse exhaust stacks shall not exceed 5% opacity except for one six minute period in any one hour in which visible emissions shall not exceed 10 percent opacity, as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). The limit applies at all times except during startup, shutdown and malfunction.
(9 VAC 5-50-80 and 9 VAC 5-50-260)

RECORDS/REPORTS

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 Air Compliance Manager of the Northern Virginia Regional Office of the DEQ. These records shall include, but are not limited to:
 - a. Annual throughput of concrete as referenced in Condition 6, in tons, calculated monthly as the sum of each consecutive twelve-month period.
 - b. Annual throughput of No. 2 fuel oil as referenced in Condition 8, calculated monthly as the sum of each consecutive twelve month period.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.
(9 VAC 5-50-50)

CONTINUING COMPLIANCE DETERMINATION

13. **Stack Tests: Continuing Compliance** - Upon request by the DEQ, the permittee shall conduct performance tests to demonstrate compliance with the emission limits contained in this permit. The details of the tests shall be arranged with the Air Compliance Manager of the Northern Virginia Regional Office of the DEQ.
(9 VAC 5-50-30 G)

NOTIFICATIONS

14. **Notification for Control Equipment Maintenance** - The permittee shall furnish notification to the Air Compliance Manager of the Northern Virginia Regional Office of the DEQ 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)

15. **Notification for Facility or Control Equipment Malfunction** - The permittee shall furnish notification to the Air Compliance Manager of the Northern Virginia Regional Office of the DEQ 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 or telegraph. Such notification shall be made as soon as practicable but not later than four daytime business hours of the malfunction. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within fourteen days of the occurrence. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify Air Compliance Manager of the Northern Virginia Regional Office of the DEQ in writing.
(9 VAC 5-20-180 C)

16. **Permit Invalidation** - This permit to modify the facility that manufactures concrete shall become invalid, unless an extension is granted by the DEQ, if:
- a. A program of continuous construction is not commenced before the latest of the following:
 - (1) eighteen months from the date of this permit;
 - (2) Nine months from the date that the last permit or other authorization was issued from any other governmental agency;
 - (3) Nine months from the date of the last resolution of any litigation concerning any such permits or authorization; or
 - b. A program of construction is discontinued for a period of eighteen months or more, or is not completed within a reasonable time, except for a DEQ approved period between phases of a phased construction project.
(9 VAC 5-80-1210)

GENERAL CONDITIONS

17. **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)

18. **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)

19. **Maintenance/Operating Procedures** - 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. 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)

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

- a. Knowingly makes material misstatements in the application for this permit 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 the equipment listed in Condition 2;
 - d. Causes emissions from this facility which result in violations of, or interferes with the attainment and maintenance of, any ambient air quality standard;
 - e. Fails to operate this facility in conformance with any applicable control strategy, including any emission standards or emission limitations, in the State Implementation Plan in effect on the date that the application for this permit is submitted;
 - f. Fails to construct or operate this facility in accordance with the application for this permit or any amendments to it; or
 - g. Allows the permit to become invalid.
(9 VAC 5-80-1210)
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 Air Compliance Manager of the Northern Virginia Regional Office of the DEQ of the change in ownership within thirty days of the transfer.
(9 VAC 5-80-1240)
22. **Registration/Update** - Annually the permittee will be required to provide information to the DEQ or the Board, which will be used to maintain the currency of the stationary source emission database. The information requested may 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, § 2.1-340 through 2.1-348 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.
(9 VAC 5-20-160 and 9 VAC 5-170-60)
23. **Permit Copy** - The permittee shall keep a copy of this permit on the premises of the facility to which it applies.
(9 VAC 5-170-160)

SOURCE TESTING REPORT FORMAT

Cover

1. Plant name and location
2. Units tested at source (indicate Ref. No. used by source in permit or registration)
3. Tester; name, address and report date

Certification

1. Signed by team leader / certified observer (include certification date)
- * 2. Signed by reviewer

Introduction

1. Test purpose
2. Test location, type of process
3. Test dates
- * 4. Pollutants tested
5. Test methods used
6. Observers' names (industry and agency)
7. Any other important background information

Summary of Results

1. Pollutant emission results / visible emissions summary
2. Input during test vs. rated capacity
3. Allowable emissions
- * 4. Description of collected samples, to include audits when applicable
5. Discussion of errors, both real and apparent

Source Operation

1. Description of process and control devices
2. Process and control equipment flow diagram
3. Process and control equipment data

* Sampling and Analysis Procedures

1. Sampling port location and dimensioned cross section
2. Sampling point description
3. Sampling train description
4. Brief description of sampling procedures with discussion of deviations from standard methods
5. Brief description of analytical procedures with discussion of deviation from standard methods

Appendix

- * 1. Process data and emission results example calculations
2. Raw field data
- * 3. Laboratory reports
4. Raw production data
- * 5. Calibration procedures and results
6. Project participants and titles
7. Related correspondence
8. Standard procedures

* Not applicable to visible emission evaluations.

OCR

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

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DEPARTMENT OF ENVIRONMENTAL QUALITY

806 Westwood Office Park

W. Tayloe Murphy, Jr. Fredericksburg, Virginia 22401 Robert G. Bumley

Director

Secretary of Natural Resources (540) 899-4600 Fax (540) 899-4647

www.deq.state.va.us Jeffery A. Steers

Regional Director

August 13, 2004

Mr. Kendall F. Rowe, Jr.

President

Rowe Concrete LLC

13250 James Madison Parkway

King George, VA 22485

Registration No: 40831

Dear Mr. Rowe:

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Mr. Kendall F. Rowe, Jr.
August 13, 2004
Page 2

Robert G. Burnley, Director
Department of Environmental Quality
P.O. Box 10009
Richmond, Virginia 23240-0009

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If you have any questions concerning this permit, please call the regional office at (540) 899-4600.

Sincerely,

Terry H. Darton
Regional Permit Manager
THDITMV/04251 MNSR
Attachment: Permit

Cc: Director, OAPP (electronic file submission)
Manager, Data Analysis (electronic file submission)
Chief, Air Enforcement Branch (3AP13), U.S. EPA, Region III

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Regional Director

STATIONARY SOURCE PERMIT TO MODIFY AND OPERATE
This permit includes designated equipment subject to New Source Performance
Standards (NSPS).
This permit supercedes the August 28, 1998 Permit.

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

Rowe Concrete LLC
1320 James Madison Parkway
King George, VA 22485
Registration No.: 40831

is authorized to construct and operate:

a concrete batch plant.

located at:

8520 Indian Hills Court
Fredericksburg, VA

in accordance with the Conditions of this permit.

Approved on: lkgust 13, 2004
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Dirbc epart of Environmental Quality

Permit consists of 7 pages.
Permit Conditions 1 to 23.
Source Testing Report Format.

Rowe Concrete LLC
Registration Number: 40831
August 13, 2004
Page 2

PERMIT CONDITIONS - the regulatory reference or authority for each condition is listed in parentheses () after each condition.

APPLICATION

1 . Except as specified in this permit, the permitted facility is to be constructed and operated as represented in the permit application dated July 8, 2004. Any changes in the permit application specifications or any existing facilities which after 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.
(9 VAC 5-50-390 and 9 VAC 5-80-121 0)

PROCESS REQUIREMENTS

2. Equipment List - Equipment to be constructed and operated at this facility consists of:
iz
one Con-E-Co Ready Mix Concrete Batch Plant Model Lo-Pro- 1 2 rated at 200 tons of concrete per hour
one cement silo with a storage capacity of 1 00 tons
one fly ash silo with a capacity of 50 tons
one Con-E-Co 475 bbl slag concrete silo (maximum rated capacity of 30 tons/hr)

Various bins and conveyors
(9 VAC 5-80-1 1 00)

3. Test/Monitoring Ports - The permitted facility shall be constructed so as to allow for emissions testing and monitoring upon reasonable notice at any time, using appropriate methods. Test ports shall be provided when requested at the appropriate locations.
(9 VAC 5-50-30 F)

4. Emission Controls - PM and PM-10 emissions from the three silos, weigh hopper, and truck load out point shall each be controlled by a fabric filter baghouses. The truck load out point shall have a shroud around the discharge point. The fabric filter shall be provided with adequate access for inspection and shall be in operation when the concrete plant is operating.
-50-260)
(9 VAC 5

5. Fugitive Dust Emission Controls - Fugitive dust emission controls shall include the following, or equivalent at a minimum:

a) Dust from material handling, open storage stockpiles conveying equipment an

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outs shall be controlled by wet suppression or equivalent (as approved by the DEQ).

The wet suppression spray systems shall be operated at optimum design, pressure

gauges shall be installed, with adequate access for inspection of the measuring device to operate system pressures.

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 methods approved by the DEQ.

d) Reasonable precautions shall be taken to prevent the deposition of dirt on public roads and subsequent dust emissions. These measures shall include paving the entrance road to the facility in from the public road. Trucks leaving the site shall have clean wheels achieved by using a wheel washer, or equivalent. Dirt, product, or raw material spilled or tracked onto paved surfaces shall be promptly removed to prevent particulate matter from becoming airborne.
(9 VAC 5-50-260, and 9 VAC 5-50-90)

OPERATING EMISSION LIMITATIONS

6. Production of Concrete - The production of concrete processed shall not exceed 100,000 cubic yards/yr., calculated monthly as the sum of each consecutive twelve-month period.
(9 VAC 5-80-1180)

7. Fuel - The approved fuel for the 1.38 Million Btu (MMBtu) fuel burning equipment is No. 2 fuel oil. A change in the fuel may require a permit to modify and operate.
(9 VAC 5-80-1180)

8. Fuel Throughput - The 1.38 Million Btu (MMBtu) fuel burning equipment shall consume no more than 12,500 gallons of No. 2 fuel oil per year, calculated monthly as the sum of each consecutive twelve month period
(9 VAC 5-80-1180)

9. Fuel Certification - The permittee shall obtain a certification from the fuel supplier with each shipment of distillate oil. Each fuel supplier certification shall include the following:

a. The name of the fuel supplier;

b. The date on which the distillate oil was received;

c. The volume of distillate oil delivered in the shipment;

d. A statement that the distillate oil complies with the American Society for Testing and Materials specifications for numbers 1 and 2 fuel oil;
(9 VAC 5-170-160)

10. Emission Limits: Concrete Plant - Emissions from the operation of the concrete plant shall not exceed the limits specified below:

Particulate Matter 3.19 lbs./hr. 10.34 tons/yr.
PM-10 1.18 lbs./hr. 2.82 tons/yr.

Rowe Concrete LLC
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Page 4

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 6, 7, and 8.
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11. Visible Emission Limit: Baghouse - Visible emissions from the baghouse exhaust stacks shall not exceed 5% opacity except for one six minute period in any one hour in which visible emissions shall not exceed 10 percent opacity, as determined by ERA Method 9 (reference 40 CFR 60, Appendix A). The limit applies at all times except during startup, shutdown and malfunction.
(9 VAC 5-50-80 and 9 VAC 5-50-260)

RECORDS/REPORTS

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 Air Compliance Manager of the Northern Virginia Regional Office of the DEQ. These records shall include, but are not limited to:

a. Annual throughput of concrete as referenced in Condition 6, in tons, calculated monthly as the sum of each consecutive twelve-month period.

b. Annual throughput of No. 2 fuel oil as referenced in Condition 8, calculated monthly as the sum of each consecutive twelve month period.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.
(9 VAC 5-50-50)

CONTINUING COMPLIANCE DETERMINATION

13. Stack Tests: Continuing Compliance - Upon request by the DEQ, the permittee shall conduct performance tests to demonstrate compliance with the emission limits contained in this permit. The details of the tests shall be arranged with the Air Compliance Manager of the Northern Virginia Regional Office of the DEQ.
(9 VAC 5-50-30 G)

NOTIFICATIONS

14. Notification for Control Equipment Maintenance - The permittee shall furnish notification to the Air Compliance Manager of the Northern Virginia Regional Office of the

DEQ 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;

Rowe Concrete LLC
Registration Number: 40831
August 13, 2004
Page 5

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)

15. Notification for Facility or Control Equipment Malfunction - The permittee shall furnish notification to the Air Compliance Manager of the Northern Virginia Regional Office of the DEQ 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 or telegraph. Such notification shall be made as soon as practicable but not later than four daytime business hours of the malfunction. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within fourteen days of the occurrence. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify Air Compliance Manager of the Northern Virginia Regional Office of the DEQ in writing.
(9 VAC 5-20-180 C)

16. Permit Invalidation - This permit to modify the facility that manufactures concrete shall become invalid, unless an extension is granted by the DEQ, if:

a. A program of continuous construction is not commenced before the latest of the following:

- (1) eighteen months from the date of this permit;
- (2) Nine months from the date that the last permit or other authorization was issued from any other governmental agency;
- (3) Nine months from the date of the last resolution of any litigation concerning any such permits or authorization; or

b. A program of construction is discontinued for a period of eighteen months or more, or is not completed within a reasonable time, except for a DEQ approved period between phases of a phased construction project.
(9 VAC 5-80-121 0)

GENERAL CONDITIONS

17. 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;

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Page 6

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)

18. 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)

19. Maintenance/Operating Procedures - 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. 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)

20. Permit Suspension/Revocation - This permit may be suspended or revoked if the

permiftee:

a. Knowingly makes material misstatements in the application for this permit o
r any
amendments to it;

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

c. Fails to comply with any emission standards applicable to the equipment listed in Condition 2;

d. Causes emissions from this facility which result in violations of, or interferes with the attainment and maintenance of, any ambient air quality standard;

e. Fails to operate this facility in conformance with any applicable control strategy, including any emission standards or emission limitations, in the State Implementation Plan in effect on the date that the application for this permit is submitted;

f. Fails to construct or operate this facility in accordance with the application for this permit or any amendments to it; or

9. Allows the permit to become invalid.
(9 VAC 5-80-121 0)

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 Air Compliance Manager of the Northern Virginia Regional Office of the DEQ of the change in ownership within thirty days of the transfer.
(9 VAC 5-80-1240)

22. Registration/Update - Annually the permittee will be required to provide information to the DEQ or the Board, which will be used to maintain the currency of the stationary source emission database. The information requested may 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, 2.1-340 through 2.1-348 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.
(9 VAC 5-20-160 and 9 VAC 5-170-60)

23. Permit Copy - The permittee shall keep a copy of this permit on the premises of the facility to which it applies.
(9 VAC 5-170-160)

SOURCE TESTING REPORT FORMAT

Cover

1. Plant name and location
2. Units tested at source (indicate Ref No. used by source in permit or registration)
3. Tester; name, address and report date

Certification

1. Signed by team leader / certified observer (include certification date)
2. Signed by reviewer

Introduction

1. Test purpose
2. Test location, type of process
3. Test dates
4. Pollutants tested
5. Test methods used
6. Observers' names (industry and agency)
7. Any other important background information

Summary of Results

1. Pollutant emission results / visible emissions summary
2. Input during test vs. rated capacity
3. Allowable emissions
4. Description of collected samples, to include audits when applicable
5. Discussion of errors, both real and apparent

Source Operation

1. Description of process and control devices
2. Process and control equipment flow diagram
3. Process and control equipment data

Sampling and Analysis Procedures

1. Sampling port location and dimensioned cross section
2. Sampling point description
3. Sampling train description
4. Brief description of sampling procedures with discussion of deviations from standard methods
5. Brief description of analytical procedures with discussion of deviation from standard methods

Appendix

1. Process data and emission results example calculations
2. Raw field data
3. Laboratory reports
4. Raw production data
5. Calibration procedures and results
6. Project participants and titles
7. Related correspondence
8. Standard procedures

Not applicable to visible emission evaluations.