



Frank O'Bannon  
Governor

Lori F. Kaplan  
Commissioner

July 9, 2003

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P. O. Box 6015  
Indianapolis, Indiana 46206-6015  
(317) 232-8603  
(800) 451-6027  
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TO: Interested Parties / Applicant

RE: **The StonCor Group, Inc 003-17775-00217**

FROM: Paul Dubenetzky  
Chief, Permits Branch  
Office of Air Quality

## Notice of Decision - Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures

FNPERAM.wpd 8/21/02

July 9, 2003

Mr. Christopher Greth  
The StonCor Group, Inc.  
1310 Dividend Road  
Fort Wayne, Indiana 46808

Re: 003-17775-00217  
First Administrative Amendment to  
FESOP 003-10697-00217

Dear Mr. Greth:

The StonCor Group, Inc. was issued a permit on April 27, 2000 for a stationary colored sand blending and bagging operation. A letter requesting a Administrative Amendment was received on May 27, 2003. Pursuant to the provisions of 326 IAC 2-8-10 the permit is hereby administratively amended as follows (the new language has been bolded and the old language stricken out):

In Condition A.1 of the permit, the responsible official has been changed.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary colored sand blending and bagging source.

Authorized individual: ~~Walter D. Toomer~~ **Christopher Greth**  
Source Address: 1310 Dividend Road, Fort Wayne, Indiana 46808  
Mailing Address: 1310 Dividend Road, Fort Wayne, Indiana 46808  
Phone Number: 609 - 779 - 7500  
SIC Code: 1446  
County Location: Allen  
County Status: Attainment for all criteria pollutants  
Source Status: Federally Enforceable State Operating Permit (FESOP)  
Minor Source, under PSD Rules;  
Minor Source, Section 112 of the Clean Air Act

Condition D.1.9 of the permit has been revised to change the allowable pressure drop range for the baghouses and central dust collector.

D.1.9 Parametric Monitoring

- (a) The Permittee shall record the total static pressure drop across the baghouse #1 controlling the three (3) pneumatically filled silos (EU #1), at least once daily when the sand is being transfer to or from the silos 1 - 3. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of ~~3.0 to 5.0~~ **0.5 to 5.0** inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.
- (b) The Permittee shall record the total static pressure drop across the Baghouse #4 controlling the pneumatically transferred, Stonclad blender (EU #4), at least once daily

when the Stonclad blender is in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of ~~3.0 to 5.0~~ **0.5 to 5.0** inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

- (c) The Permittee shall record the total static pressure drop across the Baghouse #5 controlling the pneumatically transferred, Stonclad bagger and receiving bin (EU #5), at least once daily when the Stonclad bagger and receiving bin is in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of ~~3.0 to 5.0~~ **0.5 to 5.0** inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.
- (d) The Permittee shall record the total static pressure drop across the Baghouse #8 controlling the pneumatically transferred, Stonsheild bagger and receiving bin (EU #8), at least once daily when the Stonsheild bagger and receiving bin is in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of ~~3.0 to 5.0~~ **0.5 to 5.0** inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.
- (e) The Permittee shall record the total static pressure drop across the Central Dust Collector, controlling the Stonclad bagger and receiving bin (EU #5), the tote fill station (EU #7), the Stonsheild bagger and receiving bin (EU #8) and the Stonshield screening, Forburg surge hopper and raw material transporter (EU #12) at least once daily when any of the these facilities are in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of ~~3.0 to 5.0~~ **0.5 to 5.0** inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.
- (f) The Permittee shall record the total static pressure drop across the Baghouse #12 controlling the fluidized zone mixer (EU #15), at least once daily when the mixing process is in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of ~~2.0 to 4.0~~ **0.5 to 4.0** inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5.  
If you have any questions on this matter, please contact Walter Habeeb, at (317) 232-8422.

Sincerely,

Original Signed by Paul Dubenetzky  
Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments

WVH

cc: File - Allen County  
U.S. EPA, Region V  
Air Compliance Section Inspector Jennifer Dorn  
Compliance Data Section - Karen Nowak  
Administrative and Development  
Technical Support and Modeling - Michele Boner

# FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)

## OFFICE OF AIR QUALITY

**The StonCor Group, Inc.  
1310 Dividend Road  
Fort Wayne, Indiana 46808**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F 003-10697-00217	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: April 27, 2000 Expiration Date: April 27, 2005

First Reopening R 003-13008, issued on November 28, 2001

Administrative Amendment No.: 003-17775-00217	Pages Affected: 4, 30, 31
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date:

## SECTION A

## SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-8-3(b)]

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The Permittee owns and operates a stationary colored sand blending and bagging source.

Authorized individual: Christopher Greth  
Source Address: 1310 Dividend Road, Fort Wayne, Indiana 46808  
Mailing Address: 1310 Dividend Road, Fort Wayne, Indiana 46808  
Phone Number: 609 - 779 - 7500  
SIC Code: 1446  
County Location: Allen  
County Status: Attainment for all criteria pollutants  
Source Status: Federally Enforceable State Operating Permit (FESOP)  
Minor Source, under PSD Rules;  
Minor Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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This stationary source consists of the following emission units and pollution control devices:

#### **Stonclad Process**

- (a) Three (3) silos, known as EU #1 (silos 1 - 3), pneumatic transfer, equipped with a baghouse dust collector (Baghouse #1), installed prior to 1982, exhausted through Stack 1, storage capacities: 210, 151 and 150 tons of sand, respectively, throughput capacities: 9,000, 11,000 and 3,500 pounds of sand per hour, respectively.
- (b) Two (2) silos, known as EU #2 (silos 4 & 5), pneumatic transfer, each equipped with a baghouse dust collector (Baghouse #2), installed in 1982, exhausted through Stack 2, storage capacities: 70, and 46 tons of sand, respectively, throughput capacities: 800 and 300 pounds of sand per hour, respectively.
- (c) One (1) sand feed chute, known as EU # 3, equipped with polyester felt bag for particulate matter control, installed in 1982, exhausted through Stack 3, storage capacity: 500 pounds of sand, throughput capacity: 17,000 pounds of sand per hour (capacity: 15,050 pounds of sand per hour pursuant to CP 003-4084-00217, issued April 24, 1995).
- (d) One (1) Stonclad blender, known as EU #4, pneumatic transfer, equipped with baghouse dust collector (Baghouse #4), installed in 1982, exhausted through Stack 4, storage capacity: 5,000 pounds per hour, throughput capacity: 17,000 pounds of sand per hour (capacity: 15,050 pounds of sand per hours pursuant to CP 003-4084-00217, issued April 24, 1995).
- (e) One (1) Stonclad bagger and receiving bin, known as EU #5, pneumatic transfer, equipped with the Central Dust Collector and a baghouse dust collector (Baghouse #5), respectively, installed in 1987, exhausted through Stacks 10 and 5, storage capacity: 22 tons of sand,

## **Compliance Determination Requirements [326 IAC 2-8-5(a)(1)&(4)] [326 IAC 2-1.1-11]**

### **D.1.6 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11]**

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM and PM<sub>10</sub> limits specified in Conditions D.1.1, D.1.2 and D.1.3 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

## **Compliance Monitoring Requirements [326 IAC 2-8-6(1)] [326 IAC 2-8-5(1)]**

### **D.1.7 Particulate Matter (PM)**

- (a) Pursuant to Source Modification No. 003-10569-00217, issued on May 10, 1999, the baghouses for PM control shall be in operation and control emissions from the EU #15, EU #16 and EU#17 at all times that the fluidized zone mixer, ribbon blender and the bagging machine are in operation.
- (b) The baghouses for PM control shall be in operation and control emissions from the EU #1 through EU #13 at all times that the color sand blending and bagging processes are in operation.

### **D.1.8 Visible Emissions Notations**

- (a) Visible emission notations of the color sand blending and bagging exhausts (Stacks 1, 3, 4, 5, 8, 10 and 15) shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

### **D.1.9 Parametric Monitoring**

- (a) The Permittee shall record the total static pressure drop across the baghouse #1 controlling the three (3) pneumatically filled silos (EU #1), at least once daily when the sand is being transfer to or from the silos 1 - 3. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of 0.5 to 5.0 inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.
- (b) The Permittee shall record the total static pressure drop across the Baghouse #4 controlling the pneumatically transferred, Stonclad blender (EU #4), at least once daily when the

Stonclad blender is in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of 0.5 to 5.0 inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

- (c) The Permittee shall record the total static pressure drop across the Baghouse #5 controlling the pneumatically transferred, Stonclad bagger and receiving bin (EU #5), at least once daily when the Stonclad bagger and receiving bin is in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of 0.5 to 5.0 inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.
- (d) The Permittee shall record the total static pressure drop across the Baghouse #8 controlling the pneumatically transferred, Stonsheild bagger and receiving bin (EU #8), at least once daily when the Stonsheild bagger and receiving bin is in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of 0.5 to 5.0 inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.
- (e) The Permittee shall record the total static pressure drop across the Central Dust Collector, controlling the Stonclad bagger and receiving bin (EU #5), the tote fill station (EU #7), the Stonsheild bagger and receiving bin (EU #8) and the Stonshield screening, Forburg surge hopper and raw material transporter (EU #12) at least once daily when any of the these facilities are in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of 0.5 to 5.0 inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.
- (f) The Permittee shall record the total static pressure drop across the Baghouse #12 controlling the fluidized zone mixer (EU #15), at least once daily when the mixing process is in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of 0.5 to 4.0 inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

#### D.1.10 Baghouse Inspections

- (a) An inspection shall be performed each calender quarter of all bags controlling the colored sand blending and bagging operation when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting indoors. All defective bags shall be replaced