

VIA CERTIFIED MAIL

Ian C. King  
Hoosier Calcium Corp.  
P.O. Box 5573  
Bloomington, IN 47407

Re: Source Specific Operation Status  
**S 105-11600-00011**

Dear Ian C. King:

Your application for Source Specific Operation Status was received on November 24, 1999 and has been reviewed. Based on the data submitted and the provisions in 326 IAC 2, it has been determined that your emission source, a stationary calcium operation located at 8383 Stinesville Rd., Gosport, Indiana 47433, has met the criteria required to obtain a Source Specific Operating Agreement. All terms and conditions in such registrations and permits are no longer in effect. The source has been operating under CP 53-03-89-0055 issued on June 10, 1985.

Pursuant to IC 4-21.5-3-5(a) and (b), approval of this Source Specific Operating Agreement shall not be effective until fifteen (15) days from the date of this letter.

The facilities and processes of this source are hereby granted the Source Specific Operating Agreement provided that the following requirements of 326 IAC 2-9 are satisfied:

**Section A: Crushed Stone Operation: [326 IAC 2-9-8]**

1. The crushed stone operation shall have no more than four (4) crushers, seven (7) screens, and one (1) conveying operation.
2. The crushed stone operation annual throughput shall be less than four hundred thousand (400,000) tons per year.
3. The source shall keep annual throughput records of the crushed stone operation at the site on a calendar year basis. These records shall be maintained for a minimum period of five (5) years, and made available upon request of the Office of Air Management (OAM).
4. The crushing, except primary crushing, screening and conveying operations shall be equipped with dust collectors.
5. All equipment that generate particulate matter (PM) emissions and any associated control devices shall be operated and maintained at all times of plant operation, in such a manner, as to meet all of the requirements of this Source Specific Operating Agreement.
6. The visible emissions from the screening and conveying operation shall not exceed an average of ten percent (10%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
7. The visible emissions from the crushing operation shall not exceed an average of fifteen percent (15%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.

8. The fugitive particulate matter (PM) emissions of this source shall be controlled by applying water on all storage piles and unpaved roadways on an as needed basis, such that the following visible emission conditions are met:
- (a) The visible emissions from any storage pile shall not exceed twenty percent (20%) in twenty-four (24) consecutive readings in a six (6) minute period. This limitation shall not apply during periods when application of control measures are ineffective or unreasonable due to sustained high wind speeds. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9, except that the opacity shall be observed at approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.
  - (b) The visible emissions from unpaved roadways shall not exceed an average instantaneous opacity of twenty percent (20%). Average instantaneous opacity shall be the average of twelve (12) instantaneous opacity readings, taken for four (4) vehicle passes, consisting of three (3) opacity readings for each vehicle pass. The three (3) opacity readings for each vehicle pass shall be taken as follows:
    - (i) The first reading shall be taken at the time of emission generation.
    - (ii) The second reading shall be taken five (5) seconds after the first.
    - (iii) The third reading shall be taken five (5) seconds after the second reading, or ten (10) seconds after the first reading.

The three (3) readings shall be taken approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.
9. The fugitive particulate emissions at the crushed stone operation shall not escape beyond the property lines or boundaries of the source property, right of way, or easement on which the source is located pursuant to 326 IAC 6-4.

**Section B: External Combustion Operation: [326 IAC 2-9-13]**

- 1. The visible emissions from the external combustion unit shall not exceed twenty percent (20%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9.
- 2. The fuel usage for the units listed in this Source Specific Operating Agreement (SSOA) shall be limited as follows:
  - (a) less than one thousand one hundred fifteen million cubic feet (1115 MMcf) of natural gas per year, based on a straight twelve (12) month total, and
  - (b) less than one hundred eighty-seven (187) kilogallons of #1 or #2 distillate oil, or any combination of #1 or #2 oil, per year, based on a straight twelve (12) month total.
- 3. The source shall keep the following records from the external combustion unit:
  - (a) the hours operated for each external combustion unit approved under this Source Specific Operating Agreement (SSOA),
  - (b) records of the annual fuel usage for each external combustion unit approved under this SSOA, and
  - (c) records of all routine maintenance conducted on the external combustion units approved under this SSOA.

These records shall be kept for a minimum period of five (5) years, and made available upon request of the Office of Air Management (OAM).

**Section C: General Requirements: [326 IAC 2-9-1]**

1. The source shall provide an annual notice to the commissioner, stating that the source is in operation, and certifying that its operations are in compliance with the requirements of this Source Specific Operating Agreement. The above annual notice shall be submitted to:

**Compliance Data Section  
Office of Air Management  
100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, IN 46206-6015**

no later than January 30 of each year, with the annual notice being submitted in the format attached.

2. Any exceedance of any requirement contained in this operating agreement shall be reported, in writing, within one (1) week of its occurrence. Said report shall include information on the actions taken to correct the exceedance, including measures to reduce emissions, in order to comply with the established limits. If an exceedance is the result of a malfunction, then the provisions of 326 IAC 1-6 apply.
3. Pursuant to 326 IAC 2-9-1(i), the owner or operator is hereby notified that this operating agreement does not relieve the permittee of the responsibility to comply with the provisions of any applicable federal, state, or local rules, or any New Source Performance Standards (NSPS), 40 CFR Part 60, or National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61.
4. 326 IAC 2-6 does not apply because the PTE is less than 100 tons per year.

**Section D: Additional Requirements: [326 IAC 2-1.1-5 and 326 IAC 2-1.1-11]**

1. Emissions from the primary crushing equipment shall be controlled by a water-spray.
2. Emissions from the secondary crushing equipment shall be controlled by a baghouse.
3. Emissions from the tertiary crushing equipment shall be controlled by a baghouse.
4. All conveyors shall be covered.
5. Emissions from the dryer shall be covered by a baghouse.

Any change or modification which will alter operations in such a way that it will no longer comply with the applicable restrictions and conditions of this operating agreement, must obtain the appropriate approval from the Office of Air Management (OAM) under 326 IAC 2-5.1, 326 IAC 2-5.5, 326 IAC 2-6.1, 326 IAC 2-2, 326 IAC 2-3, 326 IAC 2-7, and 326 IAC 2-8, before such change may occur.

Sincerely,

Paul Dubenetzky, Chief

Hoosier Calcium Corp.  
Gosport, Indiana  
Reviewer Name: Daniel Harper

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Permit Branch  
Office of Air Management

DH

cc: File - Monroe County  
Monroe County Health Department  
Air Compliance Section - Joseph Foyst  
Permit Tracking - Janet Mobley  
Technical Support & Modeling - Michele Boner  
Compliance Data Section - Karen Nowak

<b>Source Specific Operating Agreement Annual Notification</b>
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This form should be used to comply with the notification requirements under 326 IAC 2-9.

<b>Company Name:</b>	<b>Hoosier Calcium Corp.</b>
<b>Address:</b>	<b>8383 Stinesville Rd.</b>
<b>City:</b>	<b>Gosport, Indiana 47433</b>
<b>Contact Person:</b>	
<b>Phone #:</b>	
<b>SSOA #:</b>	<b>S 105-11600-00011</b>

I hereby certify that Hoosier Calcium Corp. is still in operation and is in compliance with the requirements of Source Specific Operating Agreement (SSOA) S 105-11600-00011.

<b>Name (typed):</b>
<b>Title:</b>
<b>Signature:</b>
<b>Date:</b>