



*Mitchell E. Daniels, Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
(800) 451-6027  
www.IN.gov/idem

TO: Interested Parties / Applicant  
DATE: October 28, 2005  
RE: Lone Star Industries, Inc. dba Buzzi Unicem USA  
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 of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, 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  
FNPER-AM.dot 1/10/05



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October 28, 2005

Mr. Jay Patterson  
Lone Star Industries, Inc. dba Buzzi Unicem USA  
P.O. Box 486  
Greencastle, IN 46135

Re: 133-21744-00002  
First Administrative Amendment to  
Part 70 Permit No. T133-6927-00002

Dear Mr. Patterson:

Lone Star Industries, Inc. dba Buzzi Unicem USA was issued a Part 70 Permit on April 14, 2004 for a stationary portland cement manufacturing plant located at 3301 South County Road 150 West, Greencastle, Indiana 46135. A request to change the permit was received on September 7, 2005. The source plans on redirecting exhaust from one belt conveyor, identified as Point 3-11A (421V), and two bucket elevators, identified as Point 3-11B (418V and 419V) from Baghouse 406L to Baghouse 471-CL. For optimal flexibility, the exhaust vent from the Bucket Elevator 418V will be fitted with a knife gate, enabling either or both baghouses to control its exhaust. The capacity of Baghouse 471-CL is sufficiently large such that it will be able to handle the additional redirected exhaust.

The emission units exhausting to emission points FF 3-9 and FF 3-11 will continue to be limited as required by the permit. Baghouse 471-CL (FF 3-9) will still be limited to the accepted PSD/BACT condition of an outlet grain loading of 0.015 grains per dry standard cubic foot (gr/dscf), which is equivalent to 7.25 pounds per hour PM/PM10 based on a maximum flow rate of 200,000 actual cubic feet per minute (acfm). Pursuant to 40 CFR 63, Subpart LLL (NESHAP for the Portland Cement Manufacturing Industry), particulate matter (PM) from Baghouse 471-CL (FF 3-9) will still be limited to 0.1 pound per ton of feed (dry basis) to the kiln (filterable) and 10 percent opacity.

Pursuant to 326 IAC 2-7-11(a)(7), this change to the permit qualifies as an administrative permit amendment, since it is a revision to descriptive information where the revision will not trigger a new applicable requirement or violate a permit term. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]  
[326 IAC 2-7-5(15)]

- (i) Clinker Cooler Operations, with a nominal capacity of 208 tons of clinker per hour:
  - (2) Two (2) belt conveyors, identified as Point 3-11A (421V, 509V); and two (2) bucket elevators, identified as Point 3-11B (418V, 419V); all constructed before 1971 and modified in 2000, with a nominal capacity of 208 tons per hour each, ~~equipped with one (1) fabric filter system (FF 3-11, baghouse 406L) to control particulate emissions~~ (note that belt conveyor (421V) is a non-routine belt). **Particulate emissions from 421V, 418V, and 419V are controlled by the one (1) fabric filter system (FF 3-9, baghouse 471-CL). Particulate emissions from 509V are controlled by the one (1) fabric filter system (FF 3-11, baghouse 406L). If needed, particulate emissions from 418V can also be controlled by the one (1) fabric filter system (FF 3-11, baghouse 406L);**

**SECTION D.5 FACILITY OPERATION CONDITIONS - CLINKER COOLER OPERATIONS**

**Facility Description [326 IAC 2-7-5(15)]:**

- (i) Clinker Cooler Operations, with a nominal capacity of 208 tons of clinker per hour:
- (2) Two (2) belt conveyors, identified as Point 3-11A (421V, 509V); and two (2) bucket elevators, identified as Point 3-11B (418V, 419V); all constructed before 1971 and modified in 2000, with a nominal capacity of 208 tons per hour each, ~~equipped with one (1) fabric filter system (FF 3-11, baghouse 406L) to control particulate emissions~~ (note that belt conveyor (421V) is a non-routine belt). **Particulate emissions from 421V, 418V, and 419V are controlled by the one (1) fabric filter system (FF 3-9, baghouse 471-CL). Particulate emissions from 509V are controlled by the one (1) fabric filter system (FF 3-11, baghouse 406L). If needed, particulate emissions from 418V can also be controlled by the one (1) fabric filter system (FF 3-11, baghouse 406L);**

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

**D.5.2 Particulate Matter Emission Limitation [326 IAC 20] [40 CFR 63, Subpart LLL]**

Pursuant to 40 CFR 63, Subpart LLL (NESHAP for the Portland Cement Manufacturing Industry), the following units shall comply with the following limitations:

Units	Emission Point	PM Limit
one (1) clinker cooler (401C) one (1) clinker breaker (401CG) one (1) dropout chamber (401CL) two (2) vibrating feeders (427V, 428V) one (1) drag conveyor (401CV) eight (8) screw conveyors (422V, 470CV2, 470CV3, 470CV9, 470CV10, 474V-476V) <b>one (1) belt conveyor (421V)</b> <b>two (2) bucket elevators (418V, 419V)*</b>	FF 3-9 (471-CL, Stack 3-2)	0.10 pound per ton of feed (dry basis) to the kiln (filterable); and 10 percent opacity
<del>one (1) two (2) belt conveyors (421V, 509V)</del> <del>one (1) two (2) bucket elevators (418V, 419V)*</del>	FF 3-11 (406L)	10 percent opacity
one (1) belt conveyor (510V)	FF 3-12 (506L)	
one (1) bucket elevator (500V)	FF 3-22 (500L)	
two (2) feeders (207F, 208F) one (1) belt conveyor (219V)	FF 3-24 (220L)	
seven (7) clinker silos (501A-507A)	FF 3-14 (503L)	
one (1) belt conveyor (220V) one (1) belt scale	FF 3-21 (221L)	
one (1) vibrating feeder (Unit #2)	F3-33	
one (1) jaw crusher (Unit #3) two (2) belt conveyors (Unit #4 and #5)	Dust Collector #1	10 percent opacity

\*Particulate emissions from 418V can be controlled by either the FF 3-11 (406L) or FF 3-9 (471-CL)

**D.5.3 Particulate Matter Emission Limitation [326 IAC 2-2] [40 CFR 52.21]**

(a) Pursuant to CP133-10159-00002, issued on April 16, 1999, 326 IAC 2-2-3(a)(3) (Prevention of Significant Deterioration BACT), and 40 CFR 52.21, the following limitations apply to the following units:

Units	Point	Filterable PM limits	Filterable PM10 Limits
one (1) clinker cooler (401C) one (1) clinker breaker (401CG) one (1) dropout chamber (401CL) two (2) vibrating feeders (427V, 428V) one (1) drag conveyor (401CV) eight (8) screw conveyors (422V, 470CV2, 470CV3, 470CV9, 470CV10, 474V-476V) <b>one (1) belt conveyor (421V)</b> <b>two (2) bucket elevators (418V, 419V)*</b>	FF 3-9 (471-CL, Stack 3-2)	0.015 gr/dscf 7.25 lbs/hr	0.015 gr/dscf 7.25 lbs/hr
<b>one (1) <del>two (2)</del> belt conveyors (421V, 509V)</b> <b>one (1) <del>two (2)</del> bucket elevators (418V, 419V)*</b>	FF 3-11 (406L)	0.015 gr/dscf 0.64 lbs/hr	0.015 gr/dscf 0.64 lbs/hr
one (1) belt conveyor (510V)	FF 3-12 (506L)	0.015 gr/dscf 0.48 lbs/hr	0.015 gr/dscf 0.48 lbs/hr
seven (7) clinker silos (501A-507A)	FF 3-14 (503L)	0.015 gr/dscf 0.59 lbs/hr	0.015 gr/dscf 0.59 lbs/hr

**\*Particulate emissions from 418V can be controlled by either the FF 3-11 (406L) or FF 3-9 (471-CL)**

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 Nathan C. Bell, 100 North Senate Avenue, Indianapolis, Indiana, 46204, at 317-234-3350 or at 1-800-451-6027 (ext 43350).

Sincerely,

Original signed by

Nysa L. James, Section Chief  
 Permits Branch  
 Office of Air Quality

ncb

Attachment: revised permit pages

cc: File - Putnam County  
 U.S. EPA, Region V  
 Putnam County Health Department  
 Air Compliance Section Inspector - Ray Schick  
 Compliance Data Section  
 Administrative and Development



Mitchell E. Daniels, Jr.  
Governor

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Indianapolis, Indiana 46204  
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## PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**Lone Star Industries, Inc. dba Buzzi Unicem USA  
3301 South County Road 150 West  
Greencastle, Indiana 46135**

(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.

**The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.**

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 2-7 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. ***This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-2 and 326 IAC 2-7-10.5, applicable to those conditions.***

Operation Permit No.: T133-6927-00002	
Issued by: Original Signed By Janet McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: April 14, 2004  Expiration Date: April 14, 2009

First Minor Permit Modification No. 133-19255-00002, issued September 20, 2005

First Administrative Amendment No. 133-21744-00002	Pages Amended: 14, 88, 89, 90
Issued by: Original signed by Nysa L. James, Section Chief Office of Air Quality	Issuance Date: October 28, 2005  Expiration Date: April 14, 2009

- (7) One (1) reject dust bin for cement kiln dust, identified as Point 3-7A (481F), with a nominal capacity of 150 tons, constructed May 1, 2000, equipped with one (1) fabric filter system (FF 3-7, baghouse 483L) to control particulate emissions;
  - (8) One (1) alkali bypass system cement kiln dust truck loading station, identified as Point 3-8, constructed in 2000, utilizing mist suppression or equivalent dust suppression to control particulate emissions; and
  - (9) One (1) non-routine CKD loadout station, including one (1) screw conveyor, identified as Point 3-4B (412V), constructed in 2001, with a nominal capacity of 10 tons per hour, utilizing water mist suppression to control particulate emissions.
- (i) Clinker Cooler Operations, with a nominal capacity of 208 tons of clinker per hour:
- (1) One (1) clinker cooler, identified as Point 3-9A (401C), constructed before August 17, 1971 and modified in 2000, with a nominal capacity of 208 tons per hour; one (1) clinker breaker, identified as Point 3-9B (401CG), constructed January 1, 1969 and modified in 2000, with a nominal capacity of 208 tons per hour; one (1) dropout chamber, identified as Point 3-9C (401CL), constructed January 1, 1969, with a nominal capacity of 20 tons per hour; two (2) vibrating feeders, identified as Point 3-9F (427V, 428V), constructed before August 17, 1971 and modified in 2000, with a nominal capacity of 208 tons per hour each; and one (1) drag conveyor, identified as Point 3-9G (401CV), and eight (8) screw conveyors (422V, 470CV2, 470CV3, 470CV9, 470CV10, 474V-476V), all constructed before August 17, 1971 and modified in 2001, each with a nominal capacity of 10 tons per hour; all equipped with one (1) fabric filter system (FF 3-9, baghouse 471-CL) to control particulate emissions, exhausting to stack 3-2;
  - (2) Two (2) belt conveyors, identified as Point 3-11A (421V, 509V); and two (2) bucket elevators, identified as Point 3-11B (418V, 419V); all constructed before 1971 and modified in 2000, with a nominal capacity of 208 tons per hour each (note that belt conveyor (421V) is a non-routine belt). Particulate emissions from 421V, 418V, and 419V are controlled by the one (1) fabric filter system (FF 3-9, baghouse 471-CL). Particulate emissions from 509V are controlled by the one (1) fabric filter system (FF 3-11, baghouse 406L). If needed, particulate emissions from 418V can also be controlled by the one (1) fabric filter system (FF 3-11, baghouse 406L);
  - (3) One (1) non-routine outdoor clinker pile, identified as Point 3-13, modified in 1999, utilizing water mist suppression or equivalent dust suppression to control particulate emissions;
  - (4) One (1) belt conveyor (turning tower), identified as Point 3-12 (510V), constructed before 1971 and modified in 2000, with a nominal capacity of 208 tons per hour, equipped with one (1) fabric filter system (FF 3-12, baghouse 506L) to control particulate emissions;
  - (5) One (1) bucket elevator, identified as Point 3-22 (500V), constructed October 1, 1999, with a nominal capacity of 250 tons per hour, equipped with one (1) fabric filter system (FF 3-22, baghouse 500L) to control particulate emissions;
  - (6) Two (2) feeders, identified as Point 3-24A (207F, 208F); and one (1) belt conveyor, identified as Point 3-24B (219V); each constructed before August 17, 1971, with a nominal capacity of 300 tons per hour each, equipped with one (1) fabric filter system (FF 3-24, baghouse 220L) to control particulate emissions;
  - (7) Seven (7) clinker silos, identified as Point 3-14 (501A-507A), constructed before 1971 and modified in 1999, each with a nominal capacity of 5000 tons, equipped with one (1) fabric filter system (FF 3-14, baghouse 503L) to control particulate emissions;

## SECTION D.5 FACILITY OPERATION CONDITIONS - CLINKER COOLER OPERATIONS

### Facility Description [326 IAC 2-7-5(15)]:

- (i) Clinker Cooler Operations, with a nominal capacity of 208 tons of clinker per hour:
- (1) One (1) clinker cooler, identified as Point 3-9A (401C), constructed before August 17, 1971 and modified in 2000, with a nominal capacity of 208 tons per hour; one (1) clinker breaker, identified as Point 3-9B (401CG), constructed January 1, 1969 and modified in 2000, with a nominal capacity of 208 tons per hour; one (1) dropout chamber, identified as Point 3-9C (401CL), constructed January 1, 1969, with a nominal capacity of 20 tons per hour; two (2) vibrating feeders, identified as Point 3-9F (427V, 428V), constructed before August 17, 1971 and modified in 2000, with a nominal capacity of 208 tons per hour each; and one (1) drag conveyor, identified as Point 3-9G (401CV), and eight (8) screw conveyors (422V, 470CV2, 470CV3, 470CV9, 470CV10, 474V-476V), all constructed before August 17, 1971 and modified in 2001, each with a nominal capacity of 10 tons per hour; all equipped with one (1) fabric filter system (FF 3-9, baghouse 471-CL) to control particulate emissions, exhausting to stack 3-2;
  - (2) Two (2) belt conveyors, identified as Point 3-11A (421V, 509V); and two (2) bucket elevators, identified as Point 3-11B (418V, 419V); all constructed before 1971 and modified in 2000, with a nominal capacity of 208 tons per hour each (note that belt conveyor (421V) is a non-routine belt). Particulate emissions from 421V, 418V, and 419V are controlled by the one (1) fabric filter system (FF 3-9, baghouse 471-CL). Particulate emissions from 509V are controlled by the one (1) fabric filter system (FF 3-11, baghouse 406L). If needed, particulate emissions from 418V can also be controlled by the one (1) fabric filter system (FF 3-11, baghouse 406L);
  - (3) One (1) non-routine outdoor clinker pile, identified as Point 3-13, modified in 1999, utilizing water mist suppression or equivalent dust suppression to control particulate emissions;
  - (4) One (1) belt conveyor (turning tower), identified as Point 3-12 (510V), constructed before 1971 and modified in 2000, with a nominal capacity of 208 tons per hour, equipped with one (1) fabric filter system (FF 3-12, baghouse 506L) to control particulate emissions;
  - (5) One (1) bucket elevator, identified as Point 3-22 (500V), constructed October 1, 1999, with a nominal capacity of 250 tons per hour, equipped with one (1) fabric filter system (FF 3-22, baghouse 500L) to control particulate emissions;
  - (6) Two (2) feeders, identified as Point 3-24A (207F, 208F); and one (1) belt conveyor, identified as Point 3-24B (219V); each constructed before August 17, 1971, with a nominal capacity of 300 tons per hour each, equipped with one (1) fabric filter system (FF 3-24, baghouse 220L) to control particulate emissions;
  - (7) Seven (7) clinker silos, identified as Point 3-14 (501A-507A), constructed before 1971 and modified in 1999, each with a nominal capacity of 5000 tons, equipped with one (1) fabric filter system (FF 3-14, baghouse 503L) to control particulate emissions;
  - (8) One (1) belt conveyor, identified as Point 3-21 (220V), constructed before August 17, 1971, and one (1) belt scale, constructed in 2003, with a nominal capacity of 300 tons per hour, equipped with one (1) fabric filter system (FF 3-21, baghouse 221L) which was installed in 2001 to control particulate emissions;

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

**Facility Description [326 IAC 2-7-5(15)]:**

- (9) One (1) clinker resizing operation, identified as Point 3-24, constructed in 2003, operating parallel to existing clinker feeders and a clinker belt conveyer, comprised of the following activities and facilities:
  - (A) One (1) loader haul operation, identified as Unit #2 (F3-32), with fugitive emissions;
  - (B) One (1) vibrating feeder, identified as Unit #2 (F3-33), with a nominal throughput of two hundred fifty (250) tons per hour of weathered clinker, with emissions uncontrolled;
  - (C) One (1) jaw crusher, identified as Unit #3, with a nominal throughput of two hundred fifty (250) tons per hour of weathered clinker, with emissions controlled by Dust Collector #1, exhausting to stack S3-34; and
  - (D) Two (2) belt conveyors, identified as Unit #4 and Unit #5, operating in series, feeding existing belt 3-21 (220V), each with a nominal throughput of two hundred fifty (250) tons per hour, with emissions controlled by Dust Collector #1, exhausting to stack S3-34.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

**Emission Limitations and Standards [326 IAC 2-7-5(1)]**

D.5.1 General Provisions Relating to NESHAP [326 IAC 20-1] [40 CFR 63, Subpart A]

The provisions of 40 CFR 63, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 20-1, apply to the clinker cooler operations listed in Condition D.5.2 except when otherwise specified in 40 CFR 63, Subpart LLL.

D.5.2 Particulate Matter Emission Limitation [326 IAC 20] [40 CFR 63, Subpart LLL]

Pursuant to 40 CFR 63, Subpart LLL (NESHAP for the Portland Cement Manufacturing Industry), the following units shall comply with the following limitations:

Units	Emission Point	PM Limit
one (1) clinker cooler (401C) one (1) clinker breaker (401CG) one (1) dropout chamber (401CL) two (2) vibrating feeders (427V, 428V) one (1) drag conveyor (401CV) eight (8) screw conveyors (422V, 470CV2, 470CV3, 470CV9, 470CV10, 474V-476V) one (1) belt conveyor (421V) two (2) bucket elevators (418V, 419V)*	FF 3-9 (471-CL, Stack 3-2)	0.10 pound per ton of feed (dry basis) to the kiln (filterable); and 10 percent opacity
one (1) belt conveyor (509V) one (1) bucket elevator (418V)*	FF 3-11 (406L)	10 percent opacity
one (1) belt conveyor (510V)	FF 3-12 (506L)	
one (1) bucket elevator (500V)	FF 3-22 (500L)	
two (2) feeders (207F, 208F) one (1) belt conveyor (219V)	FF 3-24 (220L)	
seven (7) clinker silos (501A-507A)	FF 3-14 (503L)	
one (1) belt conveyor (220V) one (1) belt scale	FF 3-21 (221L)	

Units	Emission Point	PM Limit
one (1) vibrating feeder (Unit #2)	F3-33	10 percent opacity
one (1) jaw crusher (Unit #3) two (2) belt conveyors (Unit #4 and #5)	Dust Collector #1	

\*Particulate emissions from 418V can be controlled by either the FF 3-11 (406L) or FF 3-9 (471-CL)

**D.5.3 Particulate Matter Emission Limitation [326 IAC 2-2] [40 CFR 52.21]**

- (a) Pursuant to CP133-10159-00002, issued on April 16, 1999, 326 IAC 2-2-3(a)(3) (Prevention of Significant Deterioration BACT), and 40 CFR 52.21, the following limitations apply to the following units:

Units	Point	Filterable PM limits	Filterable PM10 Limits
one (1) clinker cooler (401C) one (1) clinker breaker (401CG) one (1) dropout chamber (401CL) two (2) vibrating feeders (427V, 428V) one (1) drag conveyor (401CV) eight (8) screw conveyors (422V, 470CV2, 470CV3, 470CV9, 470CV10, 474V-476V) one (1) belt conveyor (421V) two (2) bucket elevators (418V, 419V)*	FF 3-9 (471-CL, Stack 3-2)	0.015 gr/dscf 7.25 lbs/hr	0.015 gr/dscf 7.25 lbs/hr
one (1) belt conveyor (509V) one (1) bucket elevator (418V)*	FF 3-11 (406L)	0.015 gr/dscf 0.64 lbs/hr	0.015 gr/dscf 0.64 lbs/hr
one (1) belt conveyor (510V)	FF 3-12 (506L)	0.015 gr/dscf 0.48 lbs/hr	0.015 gr/dscf 0.48 lbs/hr
seven (7) clinker silos (501A-507A)	FF 3-14 (503L)	0.015 gr/dscf 0.59 lbs/hr	0.015 gr/dscf 0.59 lbs/hr

\*Particulate emissions from 418V can be controlled by either the FF 3-11 (406L) or FF 3-9 (471-CL)

- (b) Pursuant to 326 IAC 2-2-3(a)(3) (PSD BACT), the following limitations apply to the following units:

Units	Point	PM Limits	PM10 Limits
one (1) bucket elevator (500V)	FF 3-22 (500L)	0.010 gr/dscf 0.28 lbs/hr	0.010 gr/dscf 0.28 lbs/hr

- (c) Pursuant to 326 IAC 2-2-3(a)(3) (PSD BACT), the following emission unit shall use water mist suppression or equivalent to control particulate emissions:

one (1) non-routine outdoor clinker pile (3-13).

- (d) Pursuant to MSM 133-16484-00002, issued March 11, 2003, the clinker resizing operation shall comply with the following:

- (1) The throughput to clinker resizing operation shall not exceed 50,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (2) The PM/PM10 emissions from Dust Collector #1 shall not exceed 0.01 gr/acfm and 0.30 lbs/hr.

Combined with the PM/PM10 emissions from the belt scale for belt conveyor 220V and fugitive emissions, the emissions from this modification are limited to less than 15 tons/yr for PM10 and less than 25 tons/yr for PM. Therefore, the requirements of 326 IAC 2-2 (PSD) are not applicable.

- (e) In order to make the requirements of 326 IAC 2-2 (PSD) not applicable, the PM/PM10 emissions from baghouse 221L, which is used to control the emissions from belt scale for