



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: May 29, 2026

Effective Date: May 29, 2026

Expiration Date: November 30, 2027

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 10-00079G

Federal Tax Id - Plant Code: 25-1560314-1

Owner Information

Name: BNZ MATERIALS INC
Mailing Address: 191 FRONT ST
ZELIENOPLE, PA 16063-1088

Plant Information

Plant: BNZ MATERIALS INC/ZELIENOPLE
Location: 10 Butler County 10803 Zelienople Borough
SIC Code: 3255 Manufacturing - Clay Refractories

Responsible Official

Name: JOHN BEIGHEY
Title: SR VP OF OPR
Phone: (724) 452 - 8650 Ext.110 Email: jbeighey@bnzmaterials.com

Plan Approval Contact Person

Name: JOHN BEIGHEY
Title: SR VP OF OPR
Phone: (724) 452 - 8650 Ext.110 Email: jbeighey@bnzmaterials.com

[Signature] _____
LORI L. MCNABB, NORTHWEST REGION AIR PROGRAM MANAGER



Plan Approval Description

This plan approval authorizes the modification of installing an existing packed bed water scrubber to Kiln #3 for the control of PM emissions.



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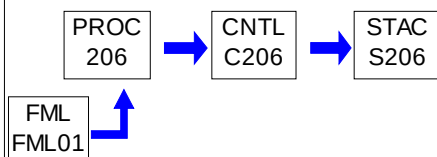
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**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
206	#3 KILN	5.000 MCF/HR 0.502 Tons/HR	Natural Gas BRICKS
C206	#3 KILN WET SCRUBBER		
FML01	NATURAL GAS PIPELINE		
S206	#3 KILN STACK		

PERMIT MAPS

**SECTION B. General Plan Approval Requirements****#001 [25 Pa. Code § 121.1]****Definitions**

Words and terms that are not otherwise defined in this plan approval shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.12b (a) (b)]**Future Adoption of Requirements**

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]**Plan Approval Temporary Operation**

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 30 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]**Content of Applications**

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]**Public Records and Confidential Information**

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the

**SECTION B. General Plan Approval Requirements**

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]**Plan Approval Terms and Conditions**

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]**Transfer of Plan Approvals**

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(a)(4) & 35 P.S. § 4008 & § 114 of the CAA]**Inspection and Entry**

(a) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

**SECTION B. General Plan Approval Requirements**

(c) Nothing in this plan approval condition shall limit the ability of the Environmental Protection Agency to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#009 [25 Pa. Code 127.13a]**Plan Approval Changes for Cause**

This plan approval may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

(a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.

(b) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.

(c) The permittee fails to submit a report required by this plan approval.

(d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The permittee, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this plan approval, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#011 [25 Pa. Code § 127.12c]**Submissions**

Reports, test data, monitoring data, notifications shall be submitted to the:

Regional Air Program Manager

PA Department of Environmental Protection

(At the address given on the plan approval transmittal letter or otherwise notified)

#012 [25 Pa. Code § 127.12(a)(9) & 40 CFR Part 68]**Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by the Environmental Protection Agency no later than the latest of the following:

**SECTION B. General Plan Approval Requirements**

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or the Environmental Protection Agency concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this plan approval condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

#013 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. §§ 4001-4015).

#014 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.



SECTION C. Site Level Plan Approval Requirements

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All conditions from the facility's Title V Operating Permit No.10-00079 remain in effect unless modified in this plan approval.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 206

Source Name: #3 KILN

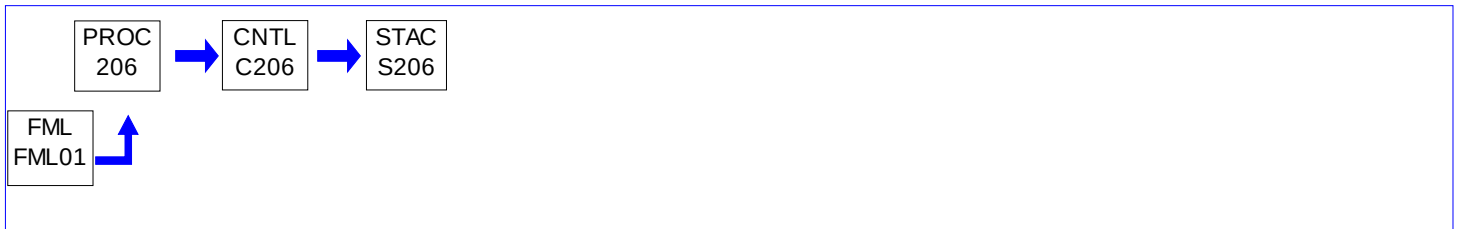
Source Capacity/Throughput:

5.000 MCF/HR

Natural Gas

0.502 Tons/HR

BRICKS

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Emissions shall comply with 25 PA Code 123.1, 123.31, & 123.41 for fugitive, odor, and visible emissions respectively.

(b) No person may permit the emission into the outdoor atmosphere from Kiln #3 of the following:

(1) Total PM: 4.5 #/ton and 9.90 tpy based on a 12-month rolling basis [Compliance with the PM emission limit shall be shown through an emission factor developed (#/hr or # PM/ton brick produced whichever is more restrictive) during the initial stack test or subsequent approved stack test.] [Compliance with the requirement in this streamlined permit condition assures compliance with the provisions found in 25 Pa. Code § 123.13]

(2) Total PM₁₀: 4.5 #/ton and 9.90 tpy based on a 12-month rolling basis [Compliance with the PM₁₀ emission limit shall be shown through an emission factor developed (#/hr or # PM₁₀/ton brick produced whichever is more restrictive) during the initial stack test or subsequent approved stack test.]

(3) Total PM_{2.5}: 4.5 #/ton and 9.90 tpy based on a 12-month rolling basis [Compliance with the PM_{2.5} emission limit shall be shown through an emission factor developed (#/hr or # PM_{2.5}/ton brick produced whichever is more restrictive) during the initial stack test or subsequent approved stack test.]

(4) SO_x: 2.08 #/ton and 4.58 tpy based on a 12-month rolling basis [Compliance with the SO_x emission limit shall be shown through an emission factor developed (#/hr or # SO_x/ton brick produced whichever is more restrictive) during the initial or subsequent approved stack test.] [Compliance with the requirement in this streamlined permit condition assures compliance with the provisions found in 25 Pa. Code § 123.21]

(5) NO_x: 1.66 #/ton and 3.65 tpy based on a 12-month rolling basis [Compliance with the NO_x emission limit shall be shown through an emission factor developed (#/hr or # NO_x/ton brick produced whichever is more restrictive) during the initial or subsequent approved stack test.]

(6) CO: 44.85 #/ton and 98.67 tpy based on a 12-month rolling basis [Compliance with the CO emission limit shall be shown through an emission factor developed (#/hr or # CO/ton brick produced whichever is more restrictive) during the initial or subsequent approved stack test.]

(7) VOC: 12.0 #/ton and 26.4 tpy based on a 12-month rolling basis [Compliance with the VOC emission limit shall be shown through an emission factor developed (#/hr or # VOC/ton brick produced whichever is more restrictive) during the initial stack test or subsequent approved stack test.]

(8) Fluorides (other than HF): 0.491 #/ton and 1.08 tpy based on a 12-month rolling basis [Compliance with the Fluoride emission limit shall be shown through an emission factor developed (#/hr or # Fluoride/ton brick produced whichever is more restrictive) during the initial or subsequent approved stack test and through fluoride clay concentration monitoring outlined below.]

(9) HF: 0.786 #/ton and 1.74 tpy based on a 12-month rolling basis [Compliance with the HF emission limit shall be

**SECTION D. Source Level Plan Approval Requirements**

shown through an emission factor developed (#/hr or # HF/ton brick produced) during the initial or subsequent approved stack test and through fluoride clay concentration monitoring outlined below.]

[From: Plan Approval 10-079F, Section D, Condition #003.]

Fuel Restriction(s).**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall use only natural gas as a fuel for this source.

[From: Plan Approval 10-079F, Section D, Condition #004.]

Throughput Restriction(s).**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The throughput from the source shall not exceed 4,400 tpy finished brick based on a 12-month rolling total.

[From: Plan Approval 10-079F, Section D, Condition #005.]

II. TESTING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Within 60 days of achieving the source's normal production rate but no later than one hundred and eighty (180) days of startup, the permittee shall perform stack testing of the source/control device to determine the Total PM emission rate (filterable and condensable). The results should be reported in #/hr or # Total PM/ton brick produced - whichever is more restrictive. Testing load conditions shall be representative to within 10% of maximum load design capacity or to within 10% of the maximum achievable operating load. Stack testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(b) One electronic copy of all source test submissions (protocols, reports, supplemental information, etc.) shall be sent to both the PSIMS Administration in Central Office and to the Regional Office AQ Resource Account.

Electronic copies shall be sent to the following email addresses:

CENTRAL OFFICE:

RA-EPstacktesting@pa.gov

NORTHWEST REGIONAL OFFICE:

RA-EPNWstacktesting@pa.gov

(c) At least 120 days prior to performing a stack test, a protocol shall be submitted in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. Submit the protocol via the instructions in (b). The protocol shall contain, at a minimum, location of sampling ports, planned production rates, and any other information applicable to the stack testing. Performing a stack test prior to Department approval of the protocol may invalidate the results.

(d) At least 2 weeks prior to the test, the Department shall be informed of the date and time of the test. Upload this notification to:

The DEP's OnBase electronic upload website at <http://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx> where it will be forwarded to the Northwest Regional Office Air Quality Inspector.

(e) Within 60 days after completion of the test, the complete test report, including, but not limited to, production rates during testing, calculation methods and results, and any other applicable testing information that will allow for a complete review of the test and results, shall be submitted to the Department for approval. Submit the report via the instructions in (b).

**SECTION D. Source Level Plan Approval Requirements****(f) Actions Related to Noncompliance Demonstrated by a Stack Test:**

(1) When the results of a stack test performed in conformance with this condition exceed the level specified in any condition of this approval, the permittee shall take appropriate corrective actions. The permittee shall submit a description of these corrective actions to the Department, within thirty (30) days of receipt of the test results. The permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. The Department shall notify the permittee within thirty (30) days, if the corrective actions taken are deficient. The permittee shall submit a description of additional corrective actions taken to the Department within thirty (30) days of receipt of the notice of deficiency. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(2) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the permittee demonstrate to the Department that retesting in one hundred and twenty (120) days is not practicable, the Department may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate approval conditions may be grounds for immediate revocation of the approval to operate the affected facility.

(g) If, at anytime, the Department has reason to believe that the air contaminant emissions from the source are, or may be, in excess of any applicable air contaminant emission limitation, the owner or operator shall conduct stack tests as are deemed necessary by the Department to determine the actual air contaminant emission rate. The owner or operator shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the owner or operator is notified, in writing, of the need to conduct testing.

[Plan Approval 10-00079G]

III. MONITORING REQUIREMENTS.**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall use the following approved means or devices to measure the applicable indicators:

- (1) Magnehelic gauge or equivalent to measure the pressure drop across the control device;
- (2) pH probe or meter to measure pH of the scrubber liquid solution;
- (3) Liquid flow meter to measure water flow to the scrubber.

(b) The permittee shall use the following approved frequencies for conducting monitoring of indicators:

- (1) Pressure drop across the scrubber - Daily (each day the source is operated);
- (2) Scrubber liquid pH - Daily (each day the source is operated);
- (2) Water flow rate - Daily (each day the source is operated).

[Plan Approval 10-00079G]

IV. RECORDKEEPING REQUIREMENTS.**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) All recordkeeping shall commence upon startup of the source/control device. All records shall be kept for a period of five (5) years and shall be made available to the Department upon request.

(b) The permittee shall maintain a record of all preventive maintenance inspections of the source. These records shall include, at a minimum, the dates of the inspections, the name of the person performing the inspection, any problems or defects identified, any actions taken to correct the problems or defects, and any routine maintenance performed.

**SECTION D. Source Level Plan Approval Requirements**

(c) The permittee shall record the following operational data from the source (these records may be done with strip charts recorders, data acquisition systems, or manual log entries):

- (1) Completion of operational inspection - daily defined as once per calendar day

(d) The permittee shall record the following:

- (1) Gas usage and sawdust usage on a monthly basis and a 12-month rolling total basis
- (2) Production on a monthly basis and a 12-month rolling total basis
- (3) Clay throughput on a monthly basis and a 12-month rolling total basis
- (4) Clay Fluoride concentration from sampling
- (5) Pressure drop across the scrubber on a daily basis
- (6) pH of scrubber liquid solution on a daily basis
- (7) Water flow rate to the scrubber on a daily basis

[Conditions (a)-(d)(4) from: Plan Approval 10-079F, Section D, Condition #008.]

[Conditions (d)(5)-(7) from: Plan Approval 10-00079G]

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- (a) The permittee shall perform a daily operational inspection of the source.
- (b) All gauges employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (+/- 2%) of full scale reading.
- (c) The permittee shall maintain and operate the source in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.
- (d) The permittee shall operate the control device at all times that the source is in operation.
- (e) The permittee shall adhere to the approved indicator range for the control device so that operation within the range shall provide reasonable assurance of compliance. A departure from the specified indicator range over a specified averaging period shall be defined as an excursion. The approved indicator ranges for the parameters are, as follows or as determined during the initial performance test or any subsequently approved performance tests unless otherwise stated:
 - (1) Scrubber pressure drop: (Range to be determined within 180 days of commencement of operation or by the initial performance test, whichever comes sooner. The range, as approved by the Department, shall be incorporated into the facilities operating permit).
 - (2) Scrubber liquid pH: (Range to be determined within 180 days of commencement of operation or by the initial performance test, whichever comes sooner. The range, as approved by the Department, shall be incorporated into the facilities operating permit).

**SECTION D. Source Level Plan Approval Requirements**

(3) Make up water flow rate: (Range to be determined within 180 days of commencement of operation or by the initial performance test, whichever comes sooner. The range, as approved by the Department, shall be incorporated into the facilities operating permit).

(f) The permittee may develop a new indicator range with a detailed request which is reviewed and approved by the Department. The Department, at its discretion, may approve or deny a request to adjust the required indicator ranges,

[Conditions (a)-(c) from: Plan Approval 10-079F, Section D, Condition #009.]

[Conditions (d)-(f) from: Plan Approval 10-00079G]

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).



SECTION E. Source Group Plan Approval Restrictions.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
206	#3 KILN		
Emission Limit		Pollutant	
44.850	Lbs/Tons		CO
98.670	Tons/Yr	on a 12-month rolling basis	CO
0.490	Lbs/Tons	other than HF	Fluoride
1.080	Tons/Yr	other than HF, on a 12-month rolling basis	Fluoride
0.786	Lbs/Tons		Hydrogen Fluoride
1.740	Tons/Yr	on a 12-month rolling basis	Hydrogen Fluoride
1.660	Lbs/Tons		NOX
3.650	Tons/Yr	on a 12-month rolling basis	NOX
4.500	Lbs/Tons		PM10
9.900	Tons/Yr	on a 12-month rolling basis	PM10
4.500	Lbs/Tons		PM2.5
9.900	Tons/Yr	on a 12-month rolling basis	PM2.5
2.080	Lbs/Tons		SOX
4.580	Tons/Yr	on a 12-month rolling basis	SOX
4.500	Lbs/Tons		TSP
9.900	Tons/Yr	on a 12-month rolling basis	TSP
12.000	Lbs/Tons		VOC
26.400	Tons/Yr	on a 12-month rolling basis	VOC

Site Emission Restriction Summary

Emission Limit	Pollutant
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SECTION H. Miscellaneous.



***** End of Report *****
