State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
TUSCARAWAS COUNTY

Street Address: Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329 Mailing Address: Lazarus Gov. Center

Application No: 06-06301

DATE: 6/20/2002

The Belden Brick Company
John Jensen
PO Box 430 475 Dover Rd
Sugarcreek, OH 44681

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA **SEDO**

FINAL PERMIT TO INSTALL 06-06301

Application Number:	06-06301
APS Premise Number:	0679000118
Permit Fee:	**$3800**
Name of Facility:	The Belden Brick Company
Person to Contact:	John Jensen
Address:	PO Box 430 475 Dover Rd Sugarcreek, OH 44681

Location of proposed air contaminant source(s) [emissions unit(s)]:
475 Dover Rd
Sugarcreek, Ohio

Description of proposed emissions unit(s):
Tunnel Kiln 1 Administrative Modification to PTI 065543 issued 3 29 99.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install General Terms and Conditions

1. Monitoring and Related Recordkeeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

i. The date, place (as defined in the permit), and time of sampling or measurements.

ii. The date(s) analyses were performed.

iii. The company or entity that performed the analyses.

iv. The analytical techniques or methods used.

v. The results of such analyses.

vi. The operating conditions existing at the time of sampling or measurement.

b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

ii. Quarterly written reports of (i) any deviations from federally enforceable <u>emission limitations</u>, <u>operational restrictions</u>, <u>and control device operating parameter limitations</u>, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous

calendar quarters. See B.10 below if no deviations occurred during the quarter.

iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.
Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

6. General Requirements

a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b. 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 federally enforceable terms and conditions of this permit.

c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d. This permit does not convey any property rights of any sort, or any exclusive privilege.

e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit To Install fees within 30 days after the issuance of this Permit To Install.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are

required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Permit To Operate Application

a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the source(s) covered by this permit.

11. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

12. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

B. State Only Enforceable Permit To Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

4. Termination of Permit To Install

This permit to install shall terminate within eighteen months of the effective date of the permit to install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

5. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

6. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

7. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

8. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit To Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

9. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

C. Permit To Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)

Pollutant	Tons Per Year	
	Permit Allowable	Net Increase
PE	8.2	0.1
SO_2	88.5	-47836.4
NOx	23.7	23.7
CO	74.5	74.5
HF	6.2	- 69.91
HCl	4.0	- 42.30

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

None

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F252 - Modification of one clay and one shale crusher.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of 40 CFR 60.670 - 676. Particulate remissions shall not exceed 1.5 ton per year from the grinding plant (F252 - F257).
	40 CFR 60.670 - 676 (NSPS Subpart OOO)	No owner or operator shall cause to be discharged into the atmosphere from any building enclosing any transfer point on a conveyor belt or any other affected facility any visible fugitive emissions.

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The enclosure of the grinding plant is equipped with wall fans which are defined as vents in 40 CFR 60.671. These vents have been disabled in order to avoid the initial performance test requirement in 40 CFR 60.8. Any subsequent activation of vents in the grinding plant enclosure is a violation of this permit to install and would result in the immediate applicability of the particulate emissions limits in 40 CFR 60.672(a) of 0.05 g/dscm and 7 % opacity and the stack

test requirements of 40 CFR 60.8.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall check for the presence of any visible particulate emissions from all openings in the grinding plant building each day when the grinding plant is in operation. The presence of any visible emissions from any opening in- the grinding plant building shall be noted in an operations log along with the date and time that the visible emissions were observed.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from any opening in the grinding plant building and (b) describe the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or Local Air Agency) semiannually, i.e., by January 15 and July 15 of each year and shall cover the previous six months.

2. The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in section 60.672 of this subpart, including reports of observations using Method 22 to demonstrate compliance with section 60.672(e).

V. Testing Requirements

1. Emission Limitation: 1.5 ton of particulate matter per year.

   Compliance Method: Compliance is based on emission factors developed during testing by USEPA at Plant 6 when gathering data to update AP-42 emission factors.

   Total grinding plant:
   (8.5 #/ton)(350,000ton/yr)(95% efficiency of dust suppressants and fabric filters)(98% efficiency of total enclosure)(0.0005 ton/#) = 1.5 ton/yr

2. Emission Limitation: No visible fugitive emissions from the building.

   Compliance Method: In determining compliance with section 60.672(e), and while performing the daily visible fugitive emissions checks, the owner or operator shall use Method 22 to determine fugitive emissions. The initial performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F252 - Modification of one clay and one shale crusher.	OAC rule 3745-31-05	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F253 - Modification of all material handling operations.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of 40 CFR 60.670 - 676. Particulate emissions shall not exceed 1.5 ton per year from the grinding plant (F252 - F257).
	40 CFR 60.670 - 676 (NSPS Subpart OOO)	No owner or operator shall cause to be discharged into the atmosphere from any building enclosing any transfer point on a conveyor belt or any other affected facility any visible fugitive emissions.

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The enclosure of the grinding plant is equipped with wall fans which are defined as vents in 40 CFR 60.671. These vents have been disabled in order to avoid the initial performance test requirement in 40 CFR 60.8. Any subsequent activation of vents in the grinding plant enclosure is a violation of this permit to install and would result in the immediate applicability of the particulate emissions limits in 40 CFR 60.672(a) of 0.05 g/dscm and 7 % opacity and the stack

test requirements of 40 CFR 60.8.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall check for the presence of any visible particulate emissions from all openings in the grinding plant building each day when the grinding plant is in operation. The presence of any visible emissions from any opening in- the grinding plant building shall be noted in an operations log along with the date and time that the visible emissions were observed.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from any opening in the grinding plant building and (b) describe the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or Local Air Agency) semiannually, i.e., by January 15 and July 15 of each year and shall cover the previous six months.

2. The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in section 60.672 of this subpart, including reports of observations using Method 22 to demonstrate compliance with section 60.672(e).

V. Testing Requirements

1. Emission Limitation: 1.5 ton of particulate matter per year.

   Compliance Method: Compliance is based on emission factors developed during testing by USEPA at Plant 6 when gathering data to update AP-42 emission factors.

   Total grinding plant:
   (8.5 #/ton)(350,000ton/yr)(95% efficiency of dust suppressants and fabric filters)(98% efficiency of total enclosure)(0.0005 ton/#) = 1.5 ton/yr

2. Emission Limitation: No visible fugitive emissions from the building.

   Compliance Method: In determining compliance with section 60.672(e), and while performing the daily visible fugitive emissions checks, the owner or operator shall use Method 22 to determine fugitive emissions. The initial performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes.-

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F253 - Modification of all material handling operations.	OAC rule 3745-31-05	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F254 - Modification of eight crushed material storage bins.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of 40 CFR 60.670 - 676. Particulate emissions shall not exceed 1.5 ton per year from the grinding plant (F252 - F257).
	40 CFR 60.670 - 676 (NSPS Subpart OOO)	No owner or operator shall cause to be discharged into the atmosphere from any building enclosing any transfer point on a conveyor belt or any other affected facility any visible fugitive emissions.

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The enclosure of the grinding plant is equipped with wall fans which are defined as vents in 40 CFR 60.671. These vents have been disabled in order to avoid the initial performance test requirement in 40 CFR 60.8. Any subsequent activation of vents in the grinding plant enclosure is a violation of this permit to install and would result in the immediate applicability of the particulate emissions limits in 40 CFR 60.672(a) of 0.05 g/dscm and 7 % opacity and the stack

test requirements of 40 CFR 60.8.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall check for the presence of any visible particulate emissions from all openings in the grinding plant building each day when the grinding plant is in operation. The presence of any visible emissions from any opening in- the grinding plant building shall be noted in an operations log along with the date and time that the visible emissions were observed.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from any opening in the grinding plant building and (b) describe the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or Local Air Agency) semiannually, i.e., by January 15 and July 15 of each year and shall cover the previous six months.

2. The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in section 60.672 of this subpart, including reports of observations using Method 22 to demonstrate compliance with section 60.672(e).

V. Testing Requirements

1. Emission Limitation: 1.5 ton of particulate matter per year.

   Compliance Method: Compliance is based on emission factors developed during testing by USEPA at Plant 6 when gathering data to update AP-42 emission factors.

   Total grinding plant:
   (8.5 #/ton)(350,000ton/yr)(95% efficiency of dust suppressants and fabric filters)(98% efficiency of total enclosure)(0.0005 ton/#) = 1.5 ton/yr

2. Emission Limitation: No visible fugitive emissions from the building.

   Compliance Method: In determining compliance with section 60.672(e), and while performing the daily visible fugitive emissions checks, the owner or operator shall use Method 22 to determine fugitive emissions. The initial performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes.-

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F254 - Modification of eight crushed material storage bins.	OAC rule 3745-31-05	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F255 - Modification of one clay and one shale grinder.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of 40 CFR 60.670 - 676. Particulate emissions shall not exceed 1.5 ton per year from the grinding plant (F252 - F257).
	40 CFR 60.670 - 676 (NSPS Subpart OOO)	No owner or operator shall cause to be discharged into the atmosphere from any building enclosing any transfer point on a conveyor belt or any other affected facility any visible fugitive emissions.

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The enclosure of the grinding plant is equipped with wall fans which are defined as vents in 40 CFR 60.671. These vents have been disabled in order to avoid the initial performance test requirement in 40 CFR 60.8. Any subsequent activation of vents in the grinding plant enclosure is a violation of this permit to install and would result in the immediate applicability of the particulate emissions limits in 40 CFR 60.672(a) of 0.05 g/dscm and 7 % opacity and the stack

test requirements of 40 CFR 60.8.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall check for the presence of any visible particulate emissions from all openings in the grinding plant building each day when the grinding plant is in operation. The presence of any visible emissions from any opening in- the grinding plant building shall be noted in an operations log along with the date and time that the visible emissions were observed.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from any opening in the grinding plant building and (b) describe the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or Local Air Agency) semiannually, i.e., by January 15 and July 15 of each year and shall cover the previous six months.

2. The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in section 60.672 of this subpart, including reports of observations using Method 22 to demonstrate compliance with section 60.672(e).

V. Testing Requirements

1. Emission Limitation: 1.5 ton of particulate matter per year.

   Compliance Method: Compliance is based on emission factors developed during testing by USEPA at Plant 6 when gathering data to update AP-42 emission factors.

   Total grinding plant:
   (8.5 #/ton)(350,000ton/yr)(95% efficiency of dust suppressants and fabric filters)(98% efficiency of total enclosure)(0.0005 ton/#) = 1.5 ton/yr

2. Emission Limitation: No visible fugitive emissions from the building.

   Compliance Method: In determining compliance with section 60.672(e), and while performing the daily visible fugitive emissions checks, the owner or operator shall use Method 22 to determine fugitive emissions. The initial performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least

75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes.-

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F255 - Modification of one clay and one shale grinder.	OAC rule 3745-31-05	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F256 - Modification of four screening operations.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of 40 CFR 60.670 - 676. Particulate emissions shall not exceed 1.5 ton per year from the grinding plant (F252 - F257).
	40 CFR 60.670 - 676 (NSPS Subpart OOO)	No owner or operator shall cause to be discharged into the atmosphere from any building enclosing any transfer point on a conveyor belt or any other affected facility any visible fugitive emissions.

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The enclosure of the grinding plant is equipped with wall fans which are defined as vents in 40 CFR 60.671. These vents have been disabled in order to avoid the initial performance test requirement in 40 CFR 60.8. Any subsequent activation of vents in the grinding plant enclosure is a violation of this permit to install and would result in the immediate applicability of the particulate emissions limits in 40 CFR 60.672(a) of 0.05 g/dscm and 7 % opacity and the stack

test requirements of 40 CFR 60.8.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall check for the presence of any visible particulate emissions from all openings in the grinding plant building each day when the grinding plant is in operation. The presence of any visible emissions from any opening in- the grinding plant building shall be noted in an operations log along with the date and time that the visible emissions were observed.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from any opening in the grinding plant building and (b) describe the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or Local Air Agency) semiannually, i.e., by January 15 and July 15 of each year and shall cover the previous six months.

2. The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in section 60.672 of this subpart, including reports of observations using Method 22 to demonstrate compliance with section 60.672(e).

V. Testing Requirements

1. Emission Limitation: 1.5 ton of particulate matter per year.

   Compliance Method: Compliance is based on emission factors developed during testing by USEPA at Plant 6 when gathering data to update AP-42 emission factors.

   Total grinding plant:
   (8.5 #/ton)(350,000ton/yr)(95% efficiency of dust suppressants and fabric filters)(98% efficiency of total enclosure)(0.0005 ton/#) = 1.5 ton/yr

2. Emission Limitation: No visible fugitive emissions from the building.

   Compliance Method: In determining compliance with section 60.672(e), and while performing the daily visible fugitive emissions checks, the owner or operator shall use Method 22 to determine fugitive emissions. The initial performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least

75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes.-

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F256 - Modification of four screening operations.	OAC rule 3745-31-05	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F257 - Modification of twelve ground material storage bins.	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of 40 CFR 60.670 - 676. Particulate emissions shall not exceed 1.5 ton per year from the grinding plant (F252 - F257).
	40 CFR 60.670 - 676 (NSPS Subpart OOO)	No owner or operator shall cause to be discharged into the atmosphere from any building enclosing any transfer point on a conveyor belt or any other affected facility any visible fugitive emissions.

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

1. The enclosure of the grinding plant is equipped with wall fans which are defined as vents in 40 CFR 60.671. These vents have been disabled in order to avoid the initial performance test requirement in 40 CFR 60.8. Any subsequent activation of vents in the grinding plant enclosure is a violation of this permit to install and would result in the immediate applicability of the

particulate emissions limits in 40 CFR 60.672(a) of 0.05 g/dscm and 7 % opacity and the stack test requirements of 40 CFR 60.8.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall check for the presence of any visible particulate emissions from all openings in the grinding plant building each day when the grinding plant is in operation. The presence of any visible emissions from any opening in- the grinding plant building shall be noted in an operations log along with the date and time that the visible emissions were observed.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from any opening in the grinding plant building and (b) describe the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or Local Air Agency) semiannually, i.e., by January 15 and July 15 of each year and shall cover the previous six months.

2. The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in section 60.672 of this subpart, including reports of observations using Method 22 to demonstrate compliance with section 60.672(e).

V. Testing Requirements

1. Emission Limitation: 1.5 ton of particulate matter per year.

   Compliance Method: Compliance is based on emission factors developed during testing by USEPA at Plant 6 when gathering data to update AP-42 emission factors.

   Total grinding plant:
   (8.5 #/ton)(350,000ton/yr)(95% efficiency of dust suppressants and fabric filters)(98% efficiency of total enclosure)(0.0005 ton/#) = 1.5 ton/yr

2. Emission Limitation: No visible fugitive emissions from the building.

   Compliance Method: In determining compliance with section 60.672(e), and while performing the daily visible fugitive emissions checks, the owner or operator shall use Method 22 to determine fugitive emissions. The initial performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes.-

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F257 - Modification of twelve ground material storage bins.	OAC rule 3745-31-05	

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	
P201 - Administrative modification of gas fired tunnel kiln vented to a dry scrubber and fabric filter.	OAC rule 3745-31-05(A)(3)	
		OAC rule 3745-17-07(A)
Terms and conditions in this permit supersede those identified in PTI # 06-5543 issued 4/23/99.		OAC rule 3745-17-11

Applicable Emissions Limitations/Control Measures	
The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).	Visible emissions shall not exceed 20% opacity except as provided by rule.~~.~~
Emissions of particulate matter shall not exceed 1.9 pounds per hour nor 8.2 tons per year.	The requirements of this rule are less stringent than those defined in OAC rule 3745-31-05(A)(3) above.
Emissions of sulfur dioxide shall not exceed 20.2 pounds per hour nor 88.5 tons per year.	
Emissions of nitrogen oxides shall not exceed 5.4 pounds per hour nor 23.7 tons per year.	
Emissions of carbon monoxide shall not exceed 17.0 pounds per hour nor 74.5 tons per year.	
Emissions of hydrogen fluoride shall not exceed 1.4 pounds per hour nor 6.2 tons per year.	
Emissions of hydrogen chloride shall not exceed 0.9 pounds per hour nor 4.0 tons per year.	

2. Additional Terms and Conditions

2.a The Belden Brick Company operates a brick making facility in Sugarcreek, Ohio consisting of several adjacent brick plants. Belden shall install control equipment on the three tunnel kilns at Plant 8 (P801 - P803) in order to reduce existing source emissions sufficiently to net out of PSD review for Plant 2 (P201). Belden shall install a continuous emissions monitoring system on the existing Plant 8. This system shall be functionally equivalent to the system described in this permit for Plant 2. Adequate records shall be kept by the Plant 8 CEMS to document the compliance status of Plant 2 with applicable PSD significance levels. The Belden Brick Company shall not violate those significance levels. The table below summarizes the average netted emission rates, in tons per year, for Plant 8 over the last two years (1999 and 2000), with reductions based on operating experience and testing of Plant 2 and Plant 3 scrubbers. The Plant 8 emission reduction for PE reflects the increased dust loading associated with the dry scrubber.

POLLUTANT	PLANT 2 EMISSIONS	PLANT 8 AVG. EMISSIONS (UNCONTROLLED)	PLANT 8 AVG. EMISSIONS REDUCTION	PLANT 3 EMISSIONS INCREASE	NET INCREASE
Particulate Emissions	8.2	15.2	8.1		0.1
Sulfur Dioxide	88.5	966.3	649.3	124.4	-36.4
Nitrogen Oxides	23.7	36			23.7
Carbon Monoxide	74.5	140			74.2VOC1.910 1.95
Hydrogen Fluoride	6.2	86.2	75.3		-69.1
Hydrogen Chloride	4	52.5	46.0		-42.0

II. Operational Restrictions

1. During any period of CEMS downtime which exceeds 3 hours, all scrubber reagent feed rates shall be set to the maximum rates which were recorded for the same product during its most recent run.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform daily checks, while the equipment is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log.

   a. the color of the emissions;

   b. whether the emissions are representative of normal operations

   c. if the emissions are not representative of normal operations, the cause of the abnormal emission;

   d. the total duration of any abnormal visible emission incident; and,

   e. any corrective actions taken to eliminate the abnormal visible emissions.

2. For sulfur dioxide, carbon monoxide, and exhaust gas flow:

   The permittee shall operate and maintain equipment to continuously monitor and record SO_2, CO, and exhaust gas flow from this emissions unit in units of the applicable standards (pounds per hour and tons per year for both SO_2 and CO). Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13.

   The permittee shall maintain records of all data obtained by the continuous SO_2, CO, and exhaust gas flow monitoring system including, but not limited to, pressure, temperature, ACFM, and real time data gathered from the differential optical absorption spectroscopy system for SO_2 and CO emissions in units of the applicable standard (pounds per hour), results of weekly calibration checks, and magnitude of any calibration adjustments.

   Within 90 days of the effective date of this permit, the permittee shall develop a written quality assurance/quality control plan for the continuous SO_2, CO, and exhaust gas flow monitoring system designed to ensure continuous valid and representative readings of SO_2, CO, and flow. 40 CFR Part 60, Appendix F, Section 3 shall be used as a guide for developing this site-specific plan. The quality assurance/quality control plan and a logbook dedicated to the continuous SO_2, CO, and flow monitoring system must be kept on site and available for inspection during regular office

hours.

Each continuous monitoring system consists of all the equipment used to acquire data and includes any sample extraction and transport hardware, sample conditioning hardware, analyzers, and data recording/processing hardware and software.

The data obtained from the CEMS shall be used to determine compliance with the applicable emission limitation.

If at any time it is determined that the continuous monitor cannot adequately document the compliance status of the tunnel kiln, the permittee shall immediately begin complying with the requirements of Section A.II.3 and the associated requirements pertaining to the continuous monitor shall no longer be applicable.

3. For hydrogen fluoride and hydrogen chloride:

The hydrogen fluoride and hydrogen chloride monitoring system must be installed prior to start up.

The permittee shall operate and maintain existing equipment to continuously monitor and record hydrogen fluoride and hydrogen chloride from this emissions unit in units of the applicable standards (pounds per hour and tons per year for both HF and HCl).- The permittee shall maintain records of all data obtained by the hydrogen fluoride and hydrogen chloride monitoring system including, but not limited to, pressure, temperature and real time data gathered from the differential optical absorption spectroscopy system for hydrogen fluoride and hydrogen chloride emissions in units of the applicable standard (pounds per hour), results of weekly calibration checks, and magnitude of any calibration adjustments.

Within 90 days of the effective date of this permit, the permittee shall develop a written quality assurance/quality control plan for the CEMS designed to ensure continuous valid and representative readings of hydrogen fluoride and hydrogen chloride. The plan shall follow the manufacturer's recommendations. A copy of the plan and a logbook dedicated to the monitoring system must be kept on site and available for inspection during regular office hours.

Each continuous monitoring system consists of all the equipment used to acquire data and includes any sample extraction and transport hardware, sample conditioning hardware, analyzers, and data recording/processing hardware and software.

The data obtained from the CEMS shall be used to determine compliance with the applicable emission limitation.

If at any time it is determined that the continuous monitor cannot adequately document the compliance status of the tunnel kiln, the permittee shall immediately begin complying with the requirements of Section A.II.3 and the associated requirements pertaining to the continuous monitor shall no longer be applicable.

4. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.

5. The permittee shall maintain daily records of all scrubber reagent feed rates (maximum actual rates or set points) and the associated product in the kiln at the time.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible stack and/or fugitive particulate emissions were observed from this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

2 . The permittee shall submit deviation (excursion) reports that identify all periods of CEMS downtime which exceeds 3-hours duration during which the scrubber reagent feed rates were less than the maximum actual feed rate or set point which was previously associated with the product being run.

3. Pursuant to OAC rules 3745-15-04, and ORC sections 3704.03(I) and 3704.031, the permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, Southeast District Office documenting the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of SO_2 and CO values in excess of the applicable limit(s) specified in the air summary of this permit.

   The permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, Southeast District Office documenting any continuous SO_2, CO, and exhaust gas flow monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall also be included in the quarterly report.

   If there are no excess emissions during the calendar quarter, the permittee shall submit a statement

to that effect along with the emissions unit operating time during the reporting period and the date, time, reason, and corrective action(s) taken for each time period of emissions unit, control equipment, and/or monitoring system malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report. These quarterly excess emission reports shall be submitted by February 1, May 1, August 1, and November 1 of each year and shall address the data obtained during the previous calendar quarter.

Pursuant to OAC rules 3745-15-04, and ORC sections 3704.03(I) and 3704.031, the permittee shall submit a summary of the excess emission report. The summary shall be submitted to the Ohio EPA, Southeast District Office within 30 days following the end of each calendar quarter in a manner prescribed by the Director.

4. The permittee shall submit reports within thirty (30) days following the end of each calendar quarter to the Ohio EPA, Southeast District Office documenting all instances of hydrogen fluoride and hydrogen chloride values in excess of the limitations specified in the terms and conditions of this permit, detailing the date, commencement and completion times, duration, magnitude, reason (if known) and corrective actions taken (if any) of all values above the applicable emission limitations.

   The permittee shall submit reports within thirty (30) days following the end of each calendar quarter to the Ohio EPA, Southeast District Office documenting any continuous hydrogen fluoride and hydrogen chloride monitoring system downtime while the emissions unit was on-line (date, time, duration and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) taken for each time period of source and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall be included in the quarterly report. If there are no excess emissions during the calendar quarter, then the permittee shall submit a statement to that effect along with the emissions unit and monitor operating times. These quarterly excess emission reports shall be submitted by February 1, May 1, August 1, and November 1 of each year and shall address the data obtained during previous calendar quarter.

   Pursuant to OAC rules 3745-15-04, ~~3745-35-02,~~ and ORC sections 3704.03(I) and 3704.031, the permittee shall submit a summary of the excess emission report. The summary shall be submitted to the Ohio EPA, Southeast District Office within thirty (30) days following the end of each calendar quarter in a manner prescribed by the Director.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1 of these terms and conditions shall be determined in accordance with the following method(s):

   a. 20% opacity, as a six minute average, except as provided by rule

Applicable Compliance Method:

Compliance with the visible emission limit shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). No visible emission testing is specifically required to demonstrate compliance with this limit, but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

b. Sulfur dioxide emissions shall not exceed 20.2 pounds per hour nor 88.5 tons per year. Carbon monoxide emissions shall not exceed 17.0 pounds per hour nor 74.5 tons per year. Hydrogen fluoride emissions shall not exceed 1.4 pound***s*** per hour nor 6.2 tons per year. Hydrogen chloride emissions shall not exceed 0.9 pound per hour nor 4.0 tons per year.

Applicable Compliance Method:

Compliance with the sulfur dioxide, carbon monoxide, hydrogen fluoride, and hydrogen chloride emission limitations shall be based upon the records and report data specified in sections A.III.2 and A.III.3. Data from the Plant # 8 continuous emissions monitors shall be used, as necessary, to demonstrate that the PSD significance levels have not been exceeded. If required, the permittee shall demonstrate compliance with the allowable mass emission rate for sulfur dioxide, carbon monoxide, hydrogen fluoride, and hydrogen chloride in accordance with the methods and procedures specified in 40 CFR Part 60 Appendix A.

c. Particulate emissions shall not exceed 1.9 pounds per hour nor 8.2 tons per year. Nitrogen oxides emissions shall not exceed 5.4 pounds per hour nor 23.7 tons per year.

Applicable Compliance Method:

Compliance with the hourly particulate matter and nitrogen oxides emissions limitations shall be based on the latest stack test. Annual limitations shall be calculated by multiplying the hourly emission rates by 8760 hours per year and dividing by 2000 pounds per ton.

VI. Miscellaneous Requirements

1. Within 120 days after promulgation of the 40 CFR 63 Subpart JJJJJ for Brick and Structural Clay Products Manufacturing, the permittee shall submit an Initial Notification Report which certifies whether or not the permittee is subject to the promulgated standard. If the permittee is subject to the final standard, the following information shall also be included in the Initial Notification Report:

   a. the name and mailing address of the permittee;

   b. the physical location of the source if it is different from the mailing address;

c. identification of the relevant MACT standard and the permittee's compliance date;

d. a brief description of the nature, design, size, and method of operation of the source, including the operating design capacity and an identification of each emission point of each hazardous air pollutant; and,

e. a statement of whether or not the permittee is a major source or an area source according to the promulgated MACT.

2. Within 60 days following completion of the required compliance demonstration activity specified in the 40 CFR 63 Subpart JJJJJ for Brick and Structural Clay Products Manufacturing, the permittee shall submit a notification of compliance status that contains the following information:

a. the methods used to determine compliance;

b. the results of any performance tests, opacity or visible emission observations, continuous monitoring systems (CMS) performance evaluations, and/or other monitoring procedures or methods that were conducted;

c. the methods that will be used for determining continuous compliance, including a description of monitoring and reporting requirements and test methods;

d. the type and quantity of hazardous air pollutants emitted by the source, reported in units and averaging times in according with the test methods specified in the 40 CFR 63 Subpart JJJJJ for Brick and Structural Clay Products Manufacturing;

e. an analysis demonstrating whether the affected source is a major source or an area source;

f. a description of the air pollution control equipment or method for each emission point, including each control device or method for each hazardous air pollutant and the control efficiency (percent) for each control device or method; and,

g. a statement of whether or not the permittee has complied with the requirements of the 40 CFR 63 Subpart JJJJJ for Brick and Structural Clay Products Manufacturing.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P201 - Administrative modification of gas fired tunnel kiln vented to a dry scrubber and fabric filter.	OAC rule 3745-31-05	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permit to install for this emissions unit P201 was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

   Pollutant: hydrogen fluoride

   TLV (ug/m3): 2600

   Maximum Hourly Emission Rate (lbs/hr): 1.41

Predicted 1-Hour Maximum Ground-Level

Concentration (ug/m3): 20.89

MAGLC (ug/m3): 61.90

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

   a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

   b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

   c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

   If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

   a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	
		OAC rule 3745-17-07(A)
P301 - Chapter 31 Modification of Plant 3 Tunnel Kiln 1, a gas fired tunnel kiln vented to a dry scrubber and fabric filter.	OAC rule 3745-31-05(A)(3)	
Terms and conditions in this permit supersede those identified in PTI # 06-695 issued 4/29/81.		OAC rule 3745-17-11 OAC rule 3745-18-06

Applicable Emissions Limitations/Control Measures	
	exceed 20% opacity as a 6-minute average, except as provided by the rule.
Particulate emissions shall not exceed 4.2 pounds per hour nor 18.4 tons per year.	See section A.I.2.a.
Emissions of sulfur dioxide shall not exceed 35.0 pounds per hour nor 153.3 tons per year.	See section A.I.2.a.
Emissions of nitrogen oxides shall not exceed 6.0 pounds per hour nor 26.3 tons per year.	
Emissions of carbon monoxide shall not exceed 22.1 pounds per hour nor 99.0 tons per year.	
Emissions of hydrogen fluoride shall not exceed 1.9 pounds per hour nor 8.3 tons per year.	
Emissions of hydrogen chloride shall not exceed 1.2 pounds per hour nor 5.4 tons per year.	
The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).	
Visible particulate emissions from any stack shall not	

2. Additional Terms and Conditions

2.a The emission limitation required by this applicable rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05.

2.b The Belden Brick Company operates a brick making facility in Sugarcreek, Ohio consisting of several adjacent brick plants. Belden shall install control equipment on the three tunnel kilns at Plant 8 (P801 - P803) in order to reduce existing source emissions sufficiently to offset an increase in the allowable emissions rate for sulfur dioxide at Plant 3 (P301). Belden shall install a continuous emissions monitoring system on the existing Plant 8. This system shall be functionally equivalent to the system described in this permit for Plant 2 (P201). Adequate records shall be kept by the Plant 8 CEMS to document that the emissions increase at Plant 3 from 6.6 to 35.0 pounds per hour is being offset each year. The table below summarizes the average netted emission rates, in tons per year, for Plant 8 over the last two years (1999 and 2000),with reductions based on operating experience and testing of Plant 2 and Plant 3 scrubbers. The Plant 8 emission reduction for PE reflects the increased dust loading associated with the dry scrubber.

POLLUTANT	PLANT 2 EMISSIONS	PLANT 8 AVG. EMISSIONS (UNCONTROLLED)	PLANT 8 AVG. EMISSIONS REDUCTION	PLANT 3 EMISSIONS INCREASE	NET INCREASE
Particulate Emissions	8.2	15.2	8.1		0.1
Sulfur Dioxide	88.5	966.3	649.3	124.4	-436.4
Nitrogen Oxides	23.7	36			23.7
Carbon Monoxide	74.5	140			74.5
Hydrogen Fluoride	6.2	86.2	75.3		-69.1
Hydrogen Chloride	4	52.5	46.0		-42.0

II. Operational Restrictions

1. During any period of CEMS downtime which exceeds 3 hours, all scrubber reagent feed rates shall be set to the maximum rates which were recorded for the same product during its most recent run.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform daily checks, while the equipment is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from this emissions unit and visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions *are observed,* the permittee shall also note the following in the operations log.

a. the color of the emissions;

b. whether the emissions are representative of normal operations

c. if the emissions are not representative of normal operations, the cause of the abnormal emission;

d. the total duration of any abnormal visible emission incident; and,

e. any corrective actions taken to eliminate the *abnormal visible emissions.*

2. For sulfur dioxide, carbon monoxide, and exhaust gas flow:

The permittee shall operate and maintain equipment to continuously monitor and record SO_2, CO, and exhaust gas flow from this emissions unit in units of the applicable standards (pounds per hour and tons per year for both SO_2 and CO). Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13.

The permittee shall maintain records of all data obtained by the continuous SO_2, CO, and exhaust gas flow monitoring system including, but not limited to, pressure, temperature, ACFM, and real time data gathered from the differential optical absorption spectroscopy system for SO_2 and CO emissions in units of the applicable standard (pounds per hour), results of weekly calibration checks, and magnitude of any calibration adjustments.

Within 90 days of the effective date of this permit, the permittee shall develop a written quality assurance/quality control plan for the continuous SO_2, CO, and exhaust gas flow monitoring system designed to ensure continuous valid and representative readings of SO_2, CO, and flow. 40 CFR Part 60, Appendix F, Section 3 shall be used as a guide for developing this site-specific plan. The quality assurance/quality control plan and a logbook dedicated to the continuous SO_2, CO, and flow monitoring system must be kept on site and available for inspection during regular office hours.

Each continuous monitoring system consists of all the equipment used to acquire data and includes any sample extraction and transport hardware, sample conditioning hardware, analyzers, and data recording/processing hardware and software.

The data obtained from the CEMS shall be used to determine compliance with the applicable emission limitation.

If at any time it is determined that the continuous monitor cannot adequately document the compliance status of the tunnel kiln, the permittee shall immediately begin complying with the requirements of Section A.II.3 and the associated requirements pertaining to the continuous monitor shall no longer be applicable.

3. For hydrogen fluoride and hydrogen chloride:

   The hydrogen fluoride and hydrogen chloride monitoring system must be installed prior to start up.

   The permittee shall operate and maintain existing equipment to continuously monitor and record hydrogen fluoride and hydrogen chloride from this emissions unit in units of the applicable standards (pounds per hour and tons per year for both HF and HCl).- The permittee shall maintain records of all data obtained by the hydrogen fluoride and hydrogen chloride monitoring system including, but not limited to, pressure, temperature and real time data gathered from the differential optical absorption spectroscopy system for hydrogen fluoride and hydrogen chloride emissions in units of the applicable standard (pounds per hour), results of weekly calibration checks, and magnitude of any calibration adjustments.

   Within 90 days of the effective date of this permit, the permittee shall develop a written quality assurance/quality control plan for the CEMS designed to ensure continuous valid and representative readings of hydrogen fluoride and hydrogen chloride. The plan shall follow the manufacturer's recommendations. A copy of the plan and a logbook dedicated to the monitoring system must be kept on site and available for inspection during regular office hours.

   Each continuous monitoring system consists of all the equipment used to acquire data and includes any sample extraction and transport hardware, sample conditioning hardware, analyzers, and data recording/processing hardware and software.

   The data obtained from the CEMS shall be used to determine compliance with the applicable emission limitation.

   If at any time it is determined that the continuous monitor cannot adequately document the compliance status of the tunnel kiln, the permittee shall immediately begin complying with the requirements of Section A.II.3 and the associated requirements pertaining to the continuous monitor shall no longer be applicable.

4. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.

5. The permittee shall maintain daily records of all scrubber reagent feed rates (maximum actual rates or set points) and the associated product in the kiln at the time.

IV. Reporting Requirements

1 . The permittee shall submit semiannual written reports which (a) identify all days during which any visible stack and/or fugitive particulate emissions were observed from this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

2 . The permittee shall submit deviation (excursion) reports that identify all periods of CEMS downtime during which the scrubber reagent feed rates were less than the maximum actual feed rate or set point which was previously associated with the product being run.

3. Pursuant to OAC rules 3745-15-04, ~~3745-35-02,~~ and ORC sections 3704.03(I) and 3704.031, the permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, Southeast District Office documenting the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of SO_2 and CO values in excess of the applicable limit(s) specified in the air summary of this permit.

   The permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, Southeast District Office documenting any continuous SO_2, CO, and exhaust gas flow monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall also be included in the quarterly report.

   If there are no excess emissions during the calendar quarter, the permittee shall submit a statement to that effect along with the emissions unit operating time during the reporting period and the date, time, reason, and corrective action(s) taken for each time period of emissions unit, control equipment, and/or monitoring system malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report. These quarterly excess emission reports shall be submitted by February 1, May 1, August 1, and November 1 of each year and shall address the data obtained during the previous calendar quarter.

   Pursuant to OAC rules 3745-15-04, and ORC sections 3704.03(I) and 3704.031, the permittee shall submit a summary of the excess emission report. The summary shall be submitted to the Ohio EPA, Southeast District Office within 30 days following the end of each calendar quarter in a manner prescribed by the Director.

4. The permittee shall submit reports within thirty (30) days following the end of each calendar quarter to the Ohio EPA, Southeast District Office documenting all instances of hydrogen fluoride and hydrogen chloride values in excess of the limitations specified in the terms and conditions of

this permit, detailing the date, commencement and completion times, duration, magnitude, reason (if known) and corrective actions taken (if any) of all values above the applicable emission limitations.

The permittee shall submit reports within thirty (30) days following the end of each calendar quarter to the Ohio EPA, Southeast District Office documenting any continuous hydrogen fluoride and hydrogen chloride monitoring system downtime while the emissions unit was on-line (date, time, duration and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) taken for each time period of source and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall be included in the quarterly report. If there are no excess emissions during the calendar quarter, then the permittee shall submit a statement to that effect along with the emissions unit and monitor operating times. These quarterly excess emission reports shall be submitted by February 1, May 1, August 1, and November 1 of each year and shall address the data obtained during previous calendar quarter.

Pursuant to OAC rules 3745-15-04, and ORC sections 3704.03(I) and 3704.031, the permittee shall submit a summary of the excess emission report. The summary shall be submitted to the Ohio EPA, Southeast District Office within thirty (30) days following the end of each calendar quarter in a manner prescribed by the Director.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

   a. Emission Limitation:

      4.2 lbs/hr of particulates; 18.4 tons/yr

      Applicable Compliance Method:

      Compliance with the hourly particulate emissions limitation shall be based on the latest stack test. The annual limitation shall be calculated by multiplying the hourly emission rate by 8760 hours per year and dividing by 2000 pounds per ton.

b. Emission Limitation:

35.0 lbs/hr of sulfur dioxide; 153.3 tons/yr

Applicable Compliance Method:

Compliance with the sulfur dioxide emission limitations shall be based upon the records and report data specified in sections A.III.2 and A.III.3. Data from the Plant # 8 continuous emissions monitors shall be used, as necessary, to demonstrate that the emission limits have not been exceeded. If required, the permittee shall demonstrate compliance with the allowable mass emission rate for sulfur dioxide, carbon monoxide, hydrogen fluoride, and hydrogen chloride in accordance with the methods and procedures specified in 40 CFR Part 60 Appendix A.

c. Emission Limitation:

6.0 lbs/hr of nitrogen oxides

Applicable Compliance Method:

Compliance with the NO_X emission limits have been determined by the use of AP-42, Table 11.3-3 (8/97) emission factors as shown in the following equations:

NOx: (0.35 #/ton product)(13.78 ton/hr) = 4.823 #/hr
(4.823 #/hr)(8760 hr/yr)(0.0005 ton/#) = 21.13 TPY

Emission tests also may be required in accordance with applicable methods from 40 CFR Part 60, Appendix A. No emission testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04 (A).

d. Emission Limitation:

Emissions of carbon monoxide shall not exceed 22.1 pounds per hour nor 99.0 tons per year. Emissions of hydrogen fluoride shall not exceed 1.9 pounds per hour nor 8.3 tons per year. Emissions of hydrogen chloride shall not exceed 1.2 pounds per hour nor 5.4 tons per year.

Applicable Compliance Method:

Compliance with the carbon monoxide, hydrogen fluoride, and hydrogen chloride emission limitations shall be based upon the records and report data specified in sections A.III.2 and A.III.3. Data from the Plant # 8 continuous emissions monitors shall be used, as necessary, to demonstrate that the emission limits have not been exceeded. If required, the permittee shall demonstrate compliance with the allowable mass emission rate for sulfur dioxide, carbon monoxide, hydrogen fluoride, and hydrogen chloride in accordance with the methods and procedures specified in 40 CFR Part 60 Appendix A.

e. Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

Compliance with the visible emission limit shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). No visible emission testing is specifically required to demonstrate compliance with this limit, but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

VI. Miscellaneous Requirements

1. Within 120 days after promulgation of the 40 CFR 63 Subpart JJJJJ for Brick and Structural Clay Products Manufacturing, the permittee shall submit an Initial Notification Report which certifies whether or not the permittee is subject to the promulgated standard. If the permittee is subject to the final standard, the following information shall also be included in the Initial Notification Report:

   a. the name and mailing address of the permittee;

   b. the physical location of the source if it is different from the mailing address;

   c. identification of the relevant MACT standard and the permittee's compliance date;

   d. a brief description of the nature, design, size, and method of operation of the source, including the operating design capacity and an identification of each emission point of each hazardous air pollutant; and,

   e. a statement of whether or not the permittee is a major source or an area source according to the promulgated MACT.

2. Within 60 days following completion of the required compliance demonstration activity specified in the 40 CFR 63 Subpart JJJJJ for Brick and Structural Clay Products Manufacturing, the permittee shall submit a notification of compliance status that contains the following information:

a. the methods used to determine compliance;

b. the results of any performance tests, opacity or visible emission observations, continuous monitoring systems (CMS) performance evaluations, and/or other monitoring procedures or methods that were conducted;

c. the methods that will be used for determining continuous compliance, including a description of monitoring and reporting requirements and test methods;

d. the type and quantity of hazardous air pollutants emitted by the source, reported in units and averaging times in according with the test methods specified in the 40 CFR 63 Subpart JJJJJ for Brick and Structural Clay Products Manufacturing;

e. an analysis demonstrating whether the affected source is a major source or an area source;

f. a description of the air pollution control equipment or method for each emission point, including each control device or method for each hazardous air pollutant and the control efficiency (percent) for each control device or method; and,

g. a statement of whether or not the permittee has complied with the requirements of the 40 CFR 63 Subpart JJJJJ for Brick and Structural Clay Products Manufacturing.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P301 - Chapter 31 Modification of Plant 3 Tunnel Kiln 1, a gas fired tunnel kiln vented to a dry scrubber and fabric filter.	OAC rule 3745-31-05	LIMIT(s)

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None