United States Gypsum Company
Jacksonville Plant

Facility ID No.: 0310072
Duval County

Title V Air Operation Permit Revision

Permit No.: 0310072-025-AV
Revision of Title V Air Operation Permit No.: 0310072-021-AV

Permitting Authority:

State of Florida
Department of Environmental Protection

Northeast District Office
Waste and Air Resource Management Program
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256
Telephone: 904/256-1700
Fax: 904/256-1587

Compliance Authority:

Northeast District Office
Compliance Assurance
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256
Telephone: 904/256-1700
Fax: 904/256-1590

Title V Air Operation Permit Revision
Permit No. 0310166-015-AV

Table of Contents

Section **Page Number**

I. Facility Information.
A. Facility Description. 2
B. Summary of Emissions Units. 2
C. Applicable Regulations. 2

II. Facility-wide Conditions. 3

III. Emissions Units and Conditions.

005	Textures Bulk Calcium Carbonate Unloading and Supply System
006	No. 3 Stucco storage Bin
007	No. 4 Stucco storage Bin
037	No. 2 Raymond Mill
039	No. 5 & 6 Calcining Kettles
040	No. 2 Stucco Storage Bin
042	No. 2 Board Plant End Saws
043	No. 3 Raymond Mill and No. 7 Kettle Landplaster Elevator
048	Rotary Rock Dryer
054	Waste Board Reclaim System
057	No. 7 Calcining Kettle
058	Storage Bin No. 1
060	No. 5 Raymond Mill
061	No. 3 Board Plant Stucco Elevator, Screen, and Additive Screw
062	No. 3 Board Plant Starch Stucco Bins
063	No. 3 Board Plant End Saws
064	No. 3 Board Plant Stucco Feed Bin
065	No. 3 Board Plant Vermiculite/Starch Storage Bin
066	No. 6 Raymond Mill and Rock Screw
077	No. 1 Board Plant End Saws
088	Dunnage Machine Sawing Operation
089	No. 4 Raymond Mill
090	No. 3 Board Plant Ball Mill
092	Kettle Burners
093	Synthetic Gypsum Feed System
094	Gypsum Rock Unloading, Conveying, and Storage System
095	No. 1 MBR Calcining Kettle
096	No. 4 MBR Calcining Kettle
097	Nos. 2 & 3 Calcining Kettles
098	Cleaver Brooks Boiler No. 1
099	Cleaver Brooks Boiler No. 2
100	Cleaver Brooks Boiler No. 3
101	Joint Treatment No. 1 Carbonate Silo
102	Joint Treatment No. 2 Carbonate Silo
103	Joint Treatment Mica Silo
104	Joint Treatment Clay Silo
105	Joint Treatment Talc/Perlite Silo

106 Joint Treatment (Wet and Dry) Premixer System
108 Wallboard Coating Booth Line No. 1 and stack
109 Wallboard Production Line No. 2
110 Wallboard Production Line No. 3
111 No. 3 Board Plant Starch Receiver/Refill Bin
112 Emergency Fire Pump and Generator Diesel Engines

IV. Appendices. .....End
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix CAM
Appendix I, List of Insignificant Emissions Units and/or Activities
Best Available Control Technology Determination for (3) Boilers
Appendix Compliance Plan, CP-1
Appendix O&M, Operation and Maintenance Plans
Appendix RR, Facility-wide Reporting Requirements
Appendix TR, Facility-wide Testing Requirements
Appendix TV, Title V General Conditions
Appendix NESHAP, 40 CFR 63, Subpart ZZZZ
Appendix NESHAP, 40 CFR 63, Subpart A – General Provisions
Appendix NSPS, 40 CFR 60, Subpart OOO
Appendix NSPS, 40 CFR 60, Subpart UUU
Appendix NSPS, 40 CFR 60 Subpart A – General Provisions

Referenced Attachments. ..... End
Table H, Permit History
Table 1, Summary of Air Pollutant Standards and Terms
Table 2, Compliance Requirements
Appendix LR-1, Local Rule Index

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST, SUITE 100
JACKSONVILLE, FLORIDA 32256

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

Permittee:
United States Gypsum Company
6825 Evergreen Avenue
Jacksonville, Florida 32208-4996

Permit No.: 0310072-025-AV
Facility ID No.: 0310072
Title V Air Operation Permit Revision

The purpose of this permit is to revise the Title V Air Operation Permit No. 0310072-021-AV to incorporate the terms and conditions of Construction Permit No. 0310072-022-AC issued on October 8, 2013, and Construction Permit No. 0310072-024-AC issued on March 3, 2014.

This permit is for the operation of the Jacksonville Plant, located at 6825 Evergreen Avenue, Jacksonville, Duval County, FL.; UTM Coordinates: Zone 17, 438.9 km East and 3361.2 km North; Latitude: 30º 22' 52" North and Longitude: 81º 38' 07" West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date:	**January 16, 2012**
Revision Effective Date:	**September 10, 2014**
Renewal Application Due Date:	**May 20, 2016**
Expiration Date:	**December 31, 2016**

Richard S. Rachal III, P.G.
Program Administrator
Waste and Air Resource Management Program

RSR: rfs

Subsection A. Facility Description

This facility consists of a manufacturing plant for the production of gypsum wallboard. Gypsum ore is received at the plant by ship or barge and unloaded into stockpiles. Gypsum ore is then conveyed to the crushing and conveying system. Crushed ore is dried and then conveyed to the landplaster system where the crushed gypsum is further ground in the Raymond mills. The finely ground and dried gypsum (known as landplaster) is conveyed to the stucco production area where the landplaster is introduced into calcining kettles which by indirect heating drives off the chemically bound water from the landplaster which turns it into a product called stucco. Stucco is then dry mixed with other additives and introduced to the pin mixer where water is added to the mix. The liquid stucco mix is then introduced between two sheets of paper (or glass mat) in the wallboard forming machine to form wallboard. The wet wallboard is dried on the conveying line at the wallboard dryer, cut, end-trimmed and stacked for distribution.

The facility also consists of a joint treatment compounds manufacturing operation using the major raw materials calcium carbonate, perlite, clay, and mica. These materials are delivered by railcar and stored in silos (EU Nos. 101 through 105). Raw materials from these silos are processed through the Wet and Dry Premixer System (EU 106) where the dry raw materials are mixed in dry premixers and then transferred to wet mixers where liquid additives are added to produce a paste. The paste proceeds from the wet mixers to the Joint Treatment Pail Fill Stations. Small quantities of other dry raw materials are added to the Dry Premixers from the Joint Treatment Bag Dumpstation (Insignificant EU). These final products are shipped out for consumer use and are not used to manufacture wallboard. There are no crushers or grinding operations associated with the production of joint treatment compounds and this operation is not connected by conveyor to the crusher, screening operation nor grinding mills in the wallboard manufacturing operation.

Subsection B. Summary of Emissions Units

E.U. ID No.	Brief Description
005	Textures Bulk Calcium Carbonate Unloading and Supply System
006	No. 3 Stucco storage Bin
007	No. 4 Stucco storage Bin
037	No. 2 Raymond Mill
039	No. 5 & 6 Calcining Kettles
040	No. 2 No. 2 Stucco Storage Bin
042	No. 2 Board Plant End Saws
043	No. 3 Raymond Mill and No. 7 Kettle Landplaster Elevator
048	Rotary Rock Dryer
054	Waste Board Reclaim System
057	No. 7 Calcining Kettle
058	Storage Bin No. 1
060	No. 5 Raymond Mill
061	No. 3 Board Plant Stucco Elevator, Screen, and Additive Screw
062	No. 3 Board Plant Starch Stucco Bins
063	No. 3 Board Plant End Saws
064	No. 3 Board Plant Stucco Feed Bin

E.U. ID No.	Brief Description
066	No. 6 Raymond Mill and Rock Screw
077	No. 1 Board Plant End Saws
088	Dunnage Machine Sawing Operation
089	No. 4 Raymond Mill
090	No. 3 Board Plant Ball Mill
092	Kettle Burners
093	Synthetic Gypsum Feed System
094	Gypsum Rock Unloading, Conveying, and Storage System
095	No. 1 MBR Calcining Kettle
096	No. 4 MBR Calcining Kettle
097	Nos. 2 & 3 Calcining Kettles
098	Cleaver Brooks Boiler No. 1
099	Cleaver Brooks Boiler No. 2
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101	Joint Treatment No. 1 Carbonate Silo
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103	Joint Treatment Mica Silo
104	Joint Treatment Clay Silo
105	Joint Treatment Talc/Perlite Silo
106	Joint Treatment (Wet and Dry) Premixer System
108	Wallboard Coating Booth Line No. 1 and stack
109	Wallboard Production Line No. 2
110	Wallboard Production Line No. 3
111	No. 3 Board Plant Starch Receiver/Refill Bin
112	Emergency Fire Pump and Generator Diesel Engines

Subsection C. Applicable Regulations.

Based on the Title V air operation permit revision application received July 7, 2014, this facility is a synthetic minor source of hazardous air pollutants (HAP.) The existing facility is not a PSD major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation	EU No (s).
City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], JEPB Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice]; JEPB Rule 2, Parts I through VII, and Parts IX through XIV	All
40 CFR 60 Subpart OOO- Standards of Performance for Non-Metallic Mineral Processing Plants	005, 006, 007, 037, 040, 043, 054, 058, 060, 061, 062, 064, 065, 066, 089, 090, 093, 094, 111

Regulation	EU No (s).
40 CFR 60, Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries	039, 048, 057, 095, 096, 097
40 CFR 60, Subpart A, General Provisions	005, 006, 007, 037, 039, 040, 043, 048, 054, 057, 058, 060, 061, 062, 064, 065, 066, 089, 090, 093, 094, 095, 096, 097, 111
40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	112
40 CFR 63, Subpart A, General Provisions	112
Particulate Matter (PM) Reasonably Available Control Technology (RACT) Rules 62-296.700(3), 62-296.700(4), 62-296.700(5), 62-296.700(6), FAC	005, 006, 007, 037, 039, 040, 042, 043, 048, 054, 057, 058, 060, 061, 062, 063, 064, 065, 066, 077, 088, 089, 090, 095, 096, 097, 101, 102, 103, 104, 105, 106, 111

SECTION II. FACILITY-WIDE CONDITIONS.

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated.

[Rule 62-213.440, F.A.C.]

FW2. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.; and Rule 2.501, JEPB]

FW3. **[Not Federally Enforceable]** The facility shall be subject to the City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and JEPB Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice].

FW4. **[Not Federally Enforceable]** The facility shall be subject to JEPB Rule 2, Parts I through VII, and Parts IX through XIV.

FW5. Compliance Plan. Based on the application, emissions units were not in compliance. Appendix Compliance Plan is a part of this permit.

[Rule 62-213.440(2), FAC and Rule 2.501, JEPB]

Emissions and Controls

FW6. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.

[Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.; and Rule 2.1101, JEPB; Construction Permit No. 0310072-006-AC; Construction Permit No. 0310072-010-AC; Construction Permit No. 0310072-013-AC; Construction Permit No. 0310072-015-AC; Construction Permit No. 0310072-018-AC; Construction Permit No. 0310072-019-AC]

FW7. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed-necessary and ordered by the Department.

[Rule 62-296.320(1), F.A.C. and Rule 2.1101, JEPB]

{Permitting Note: Nothing is deemed necessary and ordered at this time.}

FW8. General Visible Emissions. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, FAC, and Rule 2.1201, JEPB. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b)1. and 4., F.A.C., and Rule 2.1101, JEBP]

FW9. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions that the facility plans to incorporate, includes the following:

a. Paving and maintenance of roads, parking areas and yards.
b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
e. Landscaping or planting of vegetation.
f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
g. Confining abrasive blasting where possible.
h. Enclosure or covering of conveyor systems.

[Rule 62-296.320(4)(c), F.A.C. and Rule 2.1101, JEPB]

FW10. Excess emissions resulting from startup, shutdown, or malfunction of any emission unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Permitting Authority in accordance with Rule 62-4.130, FAC and Rule 2.1401, JEPB. A full written report on the malfunctions shall be submitted to the Permitting Authority in a quarterly report, if requested by the Permitting Authority.

Rule 62-210.700 (Excess Emissions), F.A.C. cannot vary any requirement of an NSPS, NESHAP or Acid Rain program provision.

[Rule 62-210.700(1), (4), and (6), FAC, and Rule 2.201, JEPB]

FW11. Maximum allowable facility wide emissions of particulate matter (PM), particulate matter less than 10 microns in aerodynamic diameter (PM_{10}), and of volatile organic compounds (VOC) shall be limited to 249.9 Tons per year (TPY) for each pollutant.

[Permit No.0310072-015-AC, Rule 62-4.070(3), FAC, Rule 62-212.400(12), FAC, Rule 2.1401, JEPB and Rule 2.401, JEPB]

FW12. Maximum allowable facility wide emissions of Hazardous Air Pollutants (HAP) are restricted to less than 10 TPY for any single HAP and to less than 25 TPY for total HAP(s). Tons per year shall be designated as any 12 consecutive month period.

[Permit No.0310072-015-AC, Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Annual Reports and Fees

See Appendix RR, Facility-wide Reporting Requirements for additional details.

FW13. Electronic Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070.** Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013); and Rule 2.301, JEPB; Rule 2.501, JEPB]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: http://www.dep.state.fl.us/air/emission/eaor. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. ***A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.****}*

FW14. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective.

[Rules 62-213.440(3)(a)2. & 3. and (3)(b), F.A.C.; and Rule 2.501, JEPB]

FW15. Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Permitting Authority in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.

a. The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.

b. If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Permitting Authority as soon as possible after the date of such startup is ascertained.

[Rule 62-210.300(5), F.A.C. and Rule 2.301, JEPB]

FW16. Prevention of Accidental Releases (Section 112(r) of CAA). If, and when, the facility becomes subject to 112(r), the permittee shall:

a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent electronically through EPA's Central Data Exchange system at the following address: https://cdx.epa.gov. Information on electronically submitting risk management plans using the Central Data Exchange system is available at: http://www.epa.gov/osweroe1/content/rmp/index.htm. The RMP Reporting Center can be contacted at: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.

b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

Subsection A. Emissions Unit 005 Textures Bulk Calcium Carbonate Unloading & Supply System

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
005	Textures Bulk Calcium Carbonate Unloading and Supply System Calcium carbonate is pneumatically unloaded from a rail car (forced air bottom unloading) and pneumatically conveyed to the storage bin. Calcium carbonate is pneumatically conveyed to the weigh hopper for the textures plant. Particulate Matter (PM) Control device: Seneca Model Number (M/N) 64-EPTHS-10 Baghouse

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum loading rate of calcium carbonate to the silo is estimated at 35 tons per hour (TPH).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

A.2. The estimated maximum airflow rate is 2,648 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

A.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB; Permit No. 0310166-013-AC]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **A.6. – A.7.** are based on the specified averaging time of the applicable test method.

A.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

A.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

A.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.34 pounds per hour (lbs/hr) and 1.49 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

A.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

A.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of January 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

A.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

A.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

A.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

A.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
006	No. 3 Stucco Storage Bin Particulate Matter (PM) control device: Fuller Reverse Pulse Jet Baghouse

Essential Potential to Emit (PTE) Parameters

B.1. Permitted Capacity. The maximum loading rate of stucco to the storage silo is estimated at 40 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

B.2. The estimated maximum airflow rate is 2,700 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

B.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **B.6. – B.7.** are based on the specified averaging time of the applicable test method.

B.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

B.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

B.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.35 pounds per hour (lbs/hr) and 1.52 tons per year].

[Permit No.0310072-015-AC, FAC, Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

B.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

B.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

B.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of January 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

B.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dry standard cubic feet (dscf).

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

B.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

B.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

B.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
007	No. 4 Stucco Storage Bin Particulate Matter (PM) control device: Seneca Environmental Products Baghouse M/N 84-IMTHBVJ-8

Essential Potential to Emit (PTE) Parameters

C.1. Permitted Capacity. The maximum loading rate of stucco to the storage silo is estimated at 40 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

C.2. The estimated maximum airflow rate is 2,240 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

C.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **C.6. – C.7.** are based on the specified averaging time of the applicable test method.

C.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

C.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

C.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.29 pounds per hour (lbs/hr) and 1.26 tons per year].

[Permit No.0310072-015-AC, FAC, Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

C.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

C.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

C.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of January 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

C.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dry standard cubic feet (dscf).

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

C.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

C.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

C.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
037	No. 2 Raymond Mill. Crushing of Gypsum Ore. Particulate Matter (PM) control device: Flex Kleen Dust collector M/N 84-UDC-144

Essential Potential to Emit (PTE) Parameters

D.1. Permitted Capacity. The maximum loading rate of stucco to the Raymond mill is estimated at 25 TPH.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

D.2. The estimated maximum airflow rate is 9,256 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

D.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **D.6. – D.7.** are based on the specified averaging time of the applicable test method.

D.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

D.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

D.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [1.19 pounds per hour (lbs/hr) and 5.21 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

D.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

D.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

D.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of February 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

D.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 or 17 (as described in Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 1.70 dry standard cubic meters (dscm) [60 dscf]. For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 degrees Centigrade (250 degrees Fahrenheit), to prevent water condensation on the filter.

[40 CFR 60.675, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

D.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

D.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

D.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
039	Nos. 5 & 6 Calcining Kettles. Indirect heat is applied to gypsum to drive off chemically bound water Particulate Matter (PM) control device: Seneca Environmental Products Reverse Pulse Jet Baghouse

Essential Potential to Emit (PTE) Parameters

E.1. Permitted Capacity. The estimated maximum process rate to the kettles is 28 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

E.2. The estimated maximum airflow rate is 10,000 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

E.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **E.6. – E.7.** are based on the specified averaging time of the applicable test method.

E.4. 40 CFR 60, Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

E.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

E.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [1.29 pounds per hour (lbs/hr) and 5.63 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

E.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

E.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.736, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

E.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of February 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

E.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The sampling time and volume for each test run shall be at least 2 hours and 1.70 dscm [60 dscf].

[40 CFR 60.736, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

E.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

E.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

E.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Compliance Assurance Monitoring

E.14. This emission unit is subject to the CAM requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB.

[40 CFR 64; and, Rules 62-204.800 and 62-213.440(1)(b)1.a., FAC, and Rules 2.201 and 2.501, JEPB]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
040	No. 2 Stucco Storage Bin. Stucco storage Particulate Matter (PM) control device: Seneca Environmental Products Reverse Pulse Jet Baghouse M/N 225-IMBV-8

Essential Potential to Emit (PTE) Parameters

F.1. Permitted Capacity. The maximum loading rate of stucco to the storage silo is estimated at 80 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

F.2. The estimated maximum airflow rate is 6,492 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

F.3.Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **F.6. – F.7.** are based on the specified averaging time of the applicable test method.

F.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

F.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**;** **Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

F.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.83 pounds per hour (lbs/hr) and 3.66 tons per year].

[Permit No.0310072-015-AC, Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

F.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

F.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

F.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of February 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

F.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

F.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

F.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

F.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
042	No. 2 Board Plant End Saws. Gypsum Board is cut to size with saws. Particulate Matter (PM) control device: Flex Kleen M/N 84-UDC-128A Baghouse

Essential Potential to Emit (PTE) Parameters

G.1. Permitted Capacity. The estimated maximum process rate is 38,000 square feet per hour.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

G.2. The estimated maximum airflow rate is 5,000 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

G.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **G.5. – GF.6.** are based on the specified averaging time of the applicable test method.

G.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

G.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.64 pounds per hour (lbs/hr) and 2.82 tons per year].

[Permit No.0310072-015-AC, Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

G.6. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

G.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.711, FAC and Rule 2.1101, JEPB]

G.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of March 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

G.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration.

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

G.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

G.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

G.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection H. Emissions Unit No. 043 No. 3 Raymond Mill and No. 7 Kettle Landplaster Elevator

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
043	No. 3 Raymond Mill and No. 7 Kettle Landplaster Elevator. Raymond Mill (crushing of gypsum ore) and elevator for the moving of gypsum Particulate Matter (PM) control device Flex Kleen Dust collector M/M 84-UDC-192

Essential Potential to Emit (PTE) Parameters

H.1. Permitted Capacity. The maximum loading rate of stucco to the storage silo is estimated at 45 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

H.2. The estimated maximum airflow rate is 10,000 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

H.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **H.6. – H.7.** are based on the specified averaging time of the applicable test method.

H.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

H.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

H.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [1.29 pounds per hour (lbs/hr) and 5.63 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

H.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

H.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

H.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of March 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

H.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 or 17 (as described in Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 1.70 dry standard cubic meters (dscm) [60 dscf]. For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 degrees Centigrade (250 degrees Fahrenheit), to prevent water condensation on the filter.

[40 CFR 60.675, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

H.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

H.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

H.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection I. Emissions Unit No. 048 Rotary Rock Dryer

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
048	Rotary Rock Dryer. Rotary dryer fired by natural gas to dry raw gypsum rock Particulate Matter (PM) control device: Two Seneca Environmental Products Baghouse M/Ns 672-THS-10 and 848-THS-10

Essential Potential to Emit (PTE) Parameters

I.1. Permitted Capacity. The estimated maximum process rate to the rock dryer is 200 TPH gypsum rock and 50 MMBtu per hour natural gas..

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

I.2. The estimated maximum airflow rate is 60,536 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

I.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **I.6. – I.7.** are based on the specified averaging time of the applicable test method.

I.4. 40 CFR 60, Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

I.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

I.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [7.78 pounds per hour (lbs/hr) and 34.09 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

I.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

I.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.736, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

I.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of March 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

I.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The sampling time and volume for each test run shall be at least 2 hours and 1.70 dscm [60 dscf].

[40 CFR 60.736, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

I.11. Particulate Matter- Test Frequency. PM testing shall be conducted 270 days prior to permit expiration and shall be conducted concurrently with VE testing.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

I.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

I.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Compliance Assurance Monitoring

I.14. This emission unit is subject to the CAM requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB.

[40 CFR 64; and, Rules 62-204.800 and 62-213.440(1)(b)1.a., FAC, and Rules 2.201 and 2.501, JEPB]

Subsection J. Emissions Unit No. 054 Waste Board Reclaim System

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
054	Waste Board Reclaim System. Reclamation of waste wallboard Particulate Matter (PM) control device: Baghouse

Essential Potential to Emit (PTE) Parameters

J.1. Permitted Capacity. The maximum process rate to the packers is estimated at 16 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

J.2. The estimated maximum airflow rate is 1,710 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

J.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **J.6. – J.7.** are based on the specified averaging time of the applicable test method.

J.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

J.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

J.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.22 pounds per hour (lbs/hr) and 0.96 tons per year].

[40 CFR 60.672, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

J.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

J.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

J.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of April 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

J.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 or 17 (as described in Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 1.70 dry standard cubic meters (dscm) [60 dscf]. For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 degrees Centigrade (250 degrees Fahrenheit), to prevent water condensation on the filter.

[40 CFR 60.675, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

J.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

J.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

J.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection K. Emissions Unit No. 057 – No. 7 Calcining Kettle

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
057	No. 7 Calcining Kettle. Indirect heat is applied to gypsum rock to drive off chemically bound water Particulate Matter (PM) control device: Seneca Baghouse M/N 320-TH-8

Essential Potential to Emit (PTE) Parameters

K.1. Permitted Capacity. The estimated maximum process rate to the kettle is 50 TPH

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

K.2. The estimated maximum airflow rate is 12,000 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

K.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **K.6. – K.7.** are based on the specified averaging time of the applicable test method.

K.4. 40 CFR 60, Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

K5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

K.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [1.54 pounds per hour (lbs/hr) and 6.76 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

K.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

K.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.736, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

K.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of April 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

K.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The sampling time and volume for each test run shall be at least 2 hours and 1.70 dscm [60 dscf].

[40 CFR 60.736, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

K.11. Particulate Matter- Test Frequency. PM testing shall be conducted 270 days prior to permit expiration and shall be conducted concurrently with VE testing.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

K.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

K.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Compliance Assurance Monitoring

K.14. This emission unit is subject to the CAM requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB.

[40 CFR 64; and, Rules 62-204.800 and 62-213.440(1)(b)1.a., FAC, and Rules 2.201 and 2.501, JEPB]

Subsection L. Emissions Unit No. 058 – No. 1 Stucco Storage Bin

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
058	No. 1 Stucco Storage Bin. Calcined gypsum storage bin associated with No. 7 Calcining Kettle Particulate Matter (PM) control device: Seneca Baghouse M/N 100 IMBTUH-6

Essential Potential to Emit (PTE) Parameters

L.1. Permitted Capacity. The maximum process rate to the storage bin is estimated at 40 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

L.2. The estimated maximum airflow rate is 3,246 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

L.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **L.6. – L.7.** are based on the specified averaging time of the applicable test method.

L.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

L.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

L.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.42 pounds per hour (lbs/hr) and 1.83 tons per year].

[Permit No.0310072-015-AC, Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

L.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

L.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

L.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of April 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

L.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf..

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

L.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

L.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

L.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection M. Emissions Unit No. 060 – No. 5 Raymond Mill

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
060	No. 5 Raymond Mill. Raymond Mill (crushing of gypsum ore). Particulate Matter (PM) control device: Seneca Baghouse M/N 120-IMT-8

Essential Potential to Emit (PTE) Parameters

M.1. Permitted Capacity. The maximum process rate is estimated at 40 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

M.2. The estimated maximum airflow rate is 5,020 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

M.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **M.6. – M.7.** are based on the specified averaging time of the applicable test method.

M.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

M.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

M.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.65 pounds per hour (lbs/hr) and 2.83 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

M.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

M.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

M.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of May 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

M.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 or 17 (as described in Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 1.70 dry standard cubic meters (dscm) [60 dscf]. For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 degrees Centigrade (250 degrees Fahrenheit), to prevent water condensation on the filter.

[40 CFR 60.675, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

M.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

M.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

M.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection N. Emissions Unit No. 061 – No. 3 Board Plant Stucco Elevator, Screen, and Additive Screws

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
061	No. 3 Board Plant Stucco Elevator, Screen, and Additive Screws. Stucco material handling. Particulate Matter (PM) control device: Baghouse BG-1

Essential Potential to Emit (PTE) Parameters

N.1. Permitted Capacity. The maximum process rate is estimated at 145 TPH.

[Permit No. 0310072-010-AC, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

N.2. The estimated maximum airflow rate is 4,997 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

N.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **N.6. – N.7.** are based on the specified averaging time of the applicable test method.

N.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

N.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

N.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.64 pounds per hour (lbs/hr) and 2.81 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

N.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

N.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

N.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of May 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

N.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 or 17 (as described in Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 1.70 dry standard cubic meters (dscm) [60 dscf]. For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 degrees Centigrade (250 degrees Fahrenheit), to prevent water condensation on the filter.

[40 CFR 60.675, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

N.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

N.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

N.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection O. Emissions Unit No. 062 – No. 3 Board Plant Starch Storage Bins

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
062	No. 3 Board Plant Starch Storage Bins. Stucco material storage. Particulate Matter (PM) control device: SENECA Baghouse, Model 24-FMBV-100 (Special)

Essential Potential to Emit (PTE) Parameters

O.1. Permitted Capacity. The maximum process rate is estimated at 25 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

O.2. The estimated maximum airflow rate is 1,200 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

O.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **O.6. – O.7.** are based on the specified averaging time of the applicable test method.

O.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

O.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

O.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.15 pounds per hour (lbs/hr) and 0.68 tons per year].

[Permit No. 0310072-015-AC, Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

O.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

O.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

O.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of May 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

O.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

O.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

O.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

O.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection P. Emissions Unit No. 063 – No. 3 Board Plant End Saws

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
063	No. 3 Board Plant End Saws. Gypsum Board is cut to size with saws. Particulate Matter (PM) control device: Baghouse BG-6

Essential Potential to Emit (PTE) Parameters

P.1. Permitted Capacity. The maximum process rate is 110,000 square feet per hour.

[Permit No. 0310072-010-AC, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

P.2. The estimated maximum airflow rate is 9,090 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

P.3.Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **P.5. – P.6.** are based on the specified averaging time of the applicable test method.

P.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

P.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [1.17 pounds per hour (lbs/hr) and 5.12 tons per year].

[Permit No.0310072-015-AC, Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

P.6. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

P.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.711, FAC and Rule 2.1101, JEPB]

P.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of March 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

P.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration.

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

P.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

P.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

P.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection Q. Emissions Unit No. 064 – No. 3 Board Plant Stucco Feed Bin

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
064	No. 3 Board Plant Stucco Feed Bin. Bin which feeds stucco to the No. 3 Board Plant. Particulate Matter (PM) control device: Baghouse, BG-7

Essential Potential to Emit (PTE) Parameters

Q.1. Permitted Capacity. The maximum process rate is 145 TPH.

[Permit No. 0310072-010-AC, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

Q.2. The estimated maximum airflow rate is 4,171 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

Q.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **Q.6. – Q.7.** are based on the specified averaging time of the applicable test method.

Q.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

Q.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

Q.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.54 pounds per hour (lbs/hr) and 2.35 tons per year].

[Permit No. 0310072-015-AC, Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

Q.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Q.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Q.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of May 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Q.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

Q.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

Q.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

Q.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection R. Emissions Unit No. 065 – No. 3 Board Plant Vermiculite/Starch Storage Bin

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
065	No. 3 Board Plant Vermiculite/Starch Storage Bin. Bin which stores vermiculate or starch. Particulate Matter (PM) control device: Baghouse, BG-9

Essential Potential to Emit (PTE) Parameters

R.1. Permitted Capacity. The estimated maximum process rate is 25 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

R.2. The estimated maximum airflow rate is 325 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

R.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **R.6. – R.7.** are based on the specified averaging time of the applicable test method.

R.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

R.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

R.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.04 pounds per hour (lbs/hr) and 0.18 tons per year].

[Permit No. 0310072-015-AC, Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

R.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

R.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

R.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of May 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

R.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

R.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

R.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

R.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements

Subsection S. Emissions Unit No. 066 – No. 6 Raymond Mill and Rock Screw

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
066	No. 6 Raymond Mill and Rock Screw. Raymond Mill (crushing of gypsum ore) and rock screw for movement of ore. Particulate Matter (PM) control device: Seneca Baghouse M/N 320-THS-8

Essential Potential to Emit (PTE) Parameters

S.1. Permitted Capacity. The estimated maximum process rate is 155 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

S.2. The estimated maximum airflow rate is 12,000 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

S.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **S.6. – S.7.** are based on the specified averaging time of the applicable test method.

S.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

S.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

S.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [1.54 pounds per hour (lbs/hr) and 6.76 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

R.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

S.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

S.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of May 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

S.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 or 17 (as described in Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 1.70 dry standard cubic meters (dscm) [60 dscf]. For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 degrees Centigrade (250 degrees Fahrenheit), to prevent water condensation on the filter.

[40 CFR 60.675, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

S.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

S.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

S.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements

Subsection T. Emissions Unit No. 077 – No. 1 Board Plant End Saws

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
077	No. 1 Board Plant End Saws. Gypsum Board is cut to size with saws. Particulate Matter (PM) control device: Fuller Baghouse (B-5)

Essential Potential to Emit (PTE) Parameters

T.1. Permitted Capacity. The estimated maximum process rate is 27,000 square feet per hour.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

T.2. The estimated maximum airflow rate is 7,000 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

T.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **T.5. – T.6.** are based on the specified averaging time of the applicable test method.

T.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

T.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.90 pounds per hour (lbs/hr) and 3.94 tons per year].

[Permit No.0310072-015-AC, Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

T.6. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

T.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.711, FAC and Rule 2.1101, JEPB]

T.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of June 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

T.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration.

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

T.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

T.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

T.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection U. Emissions Unit No. 088– Dunnage Machine Sawing Operation

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
088	Dunnage Machine Sawing Operation.. Waste gypsum wallboard is cut and waste material is recycled to the rock mill. Particulate Matter (PM) control device: Seneca Environmental Products M/N 176-TH-8 Baghouse

Essential Potential to Emit (PTE) Parameters

U.1. Permitted Capacity. The estimated maximum process rate is 15,000 square feet per hour.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

U.2. The estimated maximum airflow rate is 6,800 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

U.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **U.5. – U.6.** are based on the specified averaging time of the applicable test method.

U.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

U.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.87 pounds per hour (lbs/hr) and 3.83 tons per year].

[Permit No.0310072-015-AC, Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

U.6. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

U.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.711, FAC and Rule 2.1101, JEPB]

U.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of July 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

U.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration.

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

U.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

U.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

U.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection V. Emissions Unit No. 089– No. 4 Raymond Mill

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
089	No.4 Raymond Mill. Raymond Mill (crushing of gypsum ore). Particulate Matter (PM) control device: Baghouse M/N 120-IMT-8

Essential Potential to Emit (PTE) Parameters

V.1. Permitted Capacity. The estimated maximum process rate is 30 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

V.2. The estimated maximum airflow rate is 5,000 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

V.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **V.6. – V.7.** are based on the specified averaging time of the applicable test method.

V.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

V.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

V.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.64 pounds per hour (lbs/hr) and 2.82 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

V.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

V.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

V.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of July 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

V.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 or 17 (as described in Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 1.70 dry standard cubic meters (dscm) [60 dscf]. For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 degrees Centigrade (250 degrees Fahrenheit), to prevent water condensation on the filter.

[40 CFR 60.675, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

V.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

V.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

V.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements

Subsection W. Emissions Unit No. 090– No. 3 Board Plant Ball Mill

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
090	No.3 Board Plant Ball Mill. Crushing of gypsum ore Particulate Matter (PM) control device: Baghouse

Essential Potential to Emit (PTE) Parameters

W.1. Permitted Capacity. The estimated maximum process rate is 2 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

W.2. The estimated maximum airflow rate is 363 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

W.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **W.6. –W.7.** are based on the specified averaging time of the applicable test method.

W.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

W.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

W.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.05 pounds per hour (lbs/hr) and 0.20 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

W.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

W.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

W.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of July 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

W.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 or 17 (as described in Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 1.70 dry standard cubic meters (dscm) [60 dscf]. For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 degrees Centigrade (250 degrees Fahrenheit), to prevent water condensation on the filter.

[40 CFR 60.675, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

W.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

W.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

W.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements

Subsection X. Emissions Unit No. 092– Kettle Burners

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
092	Kettle Burners. Burners for the production of heat for the calcining kettles.

Essential Potential to Emit (PTE) Parameters

X.1. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year per each kettle burner.

[Rule 62-4.070(3), FAC, Rule 62-210.200(PTE), F.A.C., and Rule 2.1401, JEPB]

X.2. Method of Operation – Authorized Fuel. This emissions unit shall only combust natural gas or propane.

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

X.3. Method of Operation – Burner Heat Input. The maximum heat input to the kettle burners shall be as follows:

Source Descirption	Maximum Heat Input
Kettle Burner No. 5	9.8 MMBtu/hr
Kettle Burner No. 6	9.8 MMBtu/hr
Kettle Burner No. 2	13.8 MMBtu/hr
Kettle Burner No. 3	13.8 MMBtu/hr
Kettle Burner No. 7	30.0 MMBtu/hr
MBR Kettle Burner No. 1	20 MMBtu/hr
MBR Kettle Burner No. 4	20 MMBtu/hr

[Rule 62-210.300(PTE), F.A.C., Rule 62-296.700(4), F.A.C., and Rule 2.1101, JEPB; Construction Permit No. 0310072-022-AC]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Condition **X.4. is** based on the specified averaging time of the applicable test method.

X.4. Visible Emissions. (VE) shall be limited to less than 20% opacity from each emission point.

[Rule 62-296.320(4)(b), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

X.5. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-296.711, FAC and Rule 2.1101, JEPB]

X.6. Visible Emissions- Test Frequency. VE testing shall be conducted 270 days prior to permit renewal. Testing shall be conducted for a minimum period of 30 minutes on each emission point.

[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

X.7. Particulate Matter, Sulfur Dioxide, Nitrous Oxides- Test Method Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5, 6, and 7 (as described in 40 CFR 60, Appendix A) for the determination of the PM, SO2, and NOx emission rates..

[Permit No. AC 16-100644, Rule 62-212.400(12), FAC, Rule 62-4.070, FAC, and Rule 2.401, JEPB, and Rule 2.1401, JEPB]

X.8. Particulate Matter, Sulfur Dioxide, Nitrous Oxides - Test Frequency. PM, SO2, and NOx testing for this EU shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC and Rule 2.1201, JEBP]

Subsection Y. Emissions Unit No. 093– Synthetic Gypsum Feed System

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
093	Synthetic Gypsum Feed System. Synthetic gypsum is transported to the facility by truck and unloaded into a covered rock shed. The synthetic gypsum feed system is located in this shed. Synthetic gypsum is fed by a front-end loader into a feed hopper. The clay feeder meters the material from the feed hopper by several slowly moving auger screws onto a belt conveyor. The conveyor conveys the synthetic gypsum toward the rock dryer and drops the material through an enclosed chute into a vibrating pan that empties into the rotary rock dryer. Particulate Matter (PM) control device: Partially enclosed rock shed and enclosed conveyor to reduce fugitive PM emissions

Essential Potential to Emit (PTE) Parameters

Y.1. Permitted Capacity. The estimated maximum process rate through the synthetic gypsum feed system is 100TPH of synthetic gypsum.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Y.2. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Condition **Y.4.** is based on the specified averaging time of the applicable test method.

Y.3. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

Y.4. Visible Emissions. Visible Emissions (VE) from the Synthetic Gypsum Feed System shall be limited to 10% opacity. It is noted that truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the 10% opacity requirement.

[40 CFR 60.672(b) & (d), Rule 62-204.800(7), FAC and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Y.5. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), the procedures in 40 CFR 60.11, and the procedures in 40 CFR 60.675(c)(1, 2, & 3) for the visual determination of opacity..

[40 CFR 60.675, Rule 62-204.800(7), FAC, and Rule 2.201, JEPB]

Y.6. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of September 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes at the following emission point: (a) Feed hopper to the belt conveyor loading site.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Subsection Z. Emissions Unit No. 094– Gypsum Rock Unloading, Conveying, and Storage System

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
094	Gypsum Rock Unloading, Conveying, and Storage System Gypsum rock is unloaded from ships into unloading hopper nos. 1 and 2 located on conveyor C-1. Conveyor C-1 feeds onto conveyor C-2 which in turn feeds onto the shuttle conveyor which delivers the gypsum rock to the storage piles located in the storage shed. Particulate Matter (PM) control device: Water sprays are located at the drop points at each unloading hopper onto conveyor C-1. The drop point from conveyor C-1 to C-2 is enclosed. The drop point from conveyor C-2 to the shuttle conveyor and the drop point from the shuttle conveyor to the storage pile are enclosed in the storage shed.

Essential Potential to Emit (PTE) Parameters

Z.1. Permitted Capacity. The estimated maximum process rate gypsum rock unloading, conveying, and storage system is 2,000 tons per hour of gypsum rock.

[Rule 62-210.200(PTE), FAC, and Rule 2.1101, JEPB]

Z.2. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **Z.4. –Z.5.** are based on the specified averaging time of the applicable test method.

Z.3. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

Z.4. Visible Emission- Nos.1 & 2 Hoppers, Transfer Points on Conveyors C-1 & C-2. VE from hopper nos. 1 and 2 transfer points onto conveyor C-1 and from conveyor C-1 transfer point to conveyor C-2 shall be limited to 10% opacity.

[40 CFR 60.672(b), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

Z.5. Visible Emissions- Rock Storage Shed. Visible fugitive emissions from the rock storage shed are not allowed.

[40 CFR 60.672(b), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Z.6. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), the procedures in 40 CFR 60.11, and the procedures in 40 CFR 60.675(c)(1, 2, & 3) for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

Z.7 Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of August 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes at each of the following emission points: (a) Hopper No. 1 feed onto conveyor C-1; (b) Hopper No. 2 feed onto conveyor C-1; (c) conveyor C-1 feed onto conveyor C-2.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Z.8. Visible Emissions- Rock Shed- Test Method. Compliance with the no visible fugitive emissions from the rock storage shed requirement shall be determined in accordance with EPA RM 22.

[40 CFR 60.675(d), Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

Z.9. Visible Emissions- Rock Shed- Test Frequency. VE testing shall be conducted annually from the date of August 1, 2010. Testing shall be conducted under normal rock unloading operations. Testing of the building (rock storage shed) shall be at least 75 minutes in duration with each side of the building and the roof being observed for at least 15 minutes each.

[40 CFR 60.675(d), Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

Subsection AA. Emissions Unit No. 095– MBR Calcining Kettle No. 1

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
095	MBR Calcining Kettle No. 1. MBR Calcining Kettle No. 1 - Finely ground and dried gypsum (known as landplaster) is introduced into the calcining kettle which by indirect heating (natural gas fired) drives off the chemically bound water from the landplaster which turns it into a product called stucco. Particulate Matter (PM) control device: PM emissions shall be controlled by a 7,879 dry standard cubic feet per minute Seneca Environmental Products Reverse Pulse Jet Baghouse, Model No. 272-THS-8.

Essential Potential to Emit (PTE) Parameters

AA.1. Permitted Capacity. The estimated maximum process rate to the kettles is 30 TPH of landplaster.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

AA.2. The estimated maximum airflow rate is 7,879 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

AA.3. The estimated maximum heat input to the kettle burner (part of EU 092) is 15 million Btu per hour.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

AA.4.Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **AA.7. – AA.8.** are based on the specified averaging time of the applicable test method.

AA.5. 40 CFR 60, Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

AA.6. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

Subsection AA. Emissions Unit No. 095– MBR Calcining Kettle No. 1

AA.7.Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [1.01 pounds per hour (lbs/hr) and 4.44 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

AA.8.Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

AA.9. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.736, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

AA.10. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of March 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

AA.11. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The sampling time and volume for each test run shall be at least 2 hours and 1.70 dscm [60 dscf].

[40 CFR 60.736, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

AA.12. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

AA.13. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

AA.14. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection BB. Emissions Unit No. 096– MBR Calcining Kettle No. 4

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
096	MBR Calcining Kettle No. 4. MBR Calcining Kettle No. 4 - Finely ground and dried gypsum (known as landplaster) is introduced into the calcining kettle which by indirect heating (natural gas fired) drives off the chemically bound water from the landplaster which turns it into a product called stucco. PM emissions shall be controlled by a 12,596 dry standard cubic feet per minute Seneca Environmental Products Reverse Pulse Jet Baghouse, Model No. 400-THS-8.

Essential Potential to Emit (PTE) Parameters

BB.1. Permitted Capacity. The estimated maximum process rate to the kettles is 30 TPH of landplaster.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

BB.2. The estimated maximum airflow rate is 12,596 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

BB.3. The estimated maximum heat input to the kettle burner (part of EU 092) is 15 million Btu per hour.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

BB.4. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **BB.7. – BB.8.** are based on the specified averaging time of the applicable test method.

BB.5. 40 CFR 60, Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

BB.6. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

Subsection BB. Emissions Unit No. 096– MBR Calcining Kettle No. 4

BB.7. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [1.62 pounds per hour (lbs/hr) and 7.09 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

BB.8. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

BB.9. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.736, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

BB.10. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of March 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

BB.11. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The sampling time and volume for each test run shall be at least 2 hours and 1.70 dscm [60 dscf].

[40 CFR 60.736, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

BB.12. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

BB.13. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

BB.14. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Compliance Assurance Monitoring

BB.14. This emission unit is subject to the CAM requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB.

[40 CFR 64; and, Rules 62-204.800 and 62-213.440(1)(b)1.a., FAC, and Rules 2.201 and 2.501, JEPB]

Subsection CC. Emissions Unit No. 097– Nos. 2 & 3 Calcining Kettles

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
097	Nos. 2 & 3 Calcining Kettles Indirect heat is applied to gypsum to drive off chemically bound water. Particulate Matter (PM) control device: Flex Kleen Baghouse M/N 84-UDS-192

Essential Potential to Emit (PTE) Parameters

CC.1. Permitted Capacity. The estimated maximum process rate to the kettles is 29.5 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

CC.2. The estimated maximum airflow rate is 8,789 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

CC.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **CC.6. – CC.7.** are based on the specified averaging time of the applicable test method.

CC.4. 40 CFR 60, Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

CC.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

CC.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [1.13 pounds per hour (lbs/hr) and 4.95 tons per year].

[Permit No.0310072-015-AC, 40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

CC.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.732, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

CC.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.736, Rule 62-204.800(8), FAC, Rule 62-296.712, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

CC.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of March 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

CC.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The sampling time and volume for each test run shall be at least 2 hours and 1.70 dscm [60 dscf].

[40 CFR 60.736, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

CC.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

CC.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

CC.14. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection DD. Emissions Unit No. 098– Cleaver Brooks Steam Generating Boiler No. 1

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
098	Cleaver Brooks Steam Generating Boiler No. 1 This EU consists of a Cleaver Brooks steam generating boiler model no. CBL-700-1200-200 rated at 50.4 MM Btu per hour maximum heat input while firing natural gas. Nitrogen Oxides (NOx) control device: Low NOx Burners

Essential Potential to Emit (PTE) Parameters

DD.1. Permitted Capacity. The estimated maximum heat input of the boiler is 50.4 MMBtu per hour.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

DD.2. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

DD.3. Method of Operation – Authorized Fuel. The only fuel which shall be fired is natural gas.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **DD.4. – DD.5.** are based on the specified averaging time of the applicable test method.

DD.4. Sulfur Dioxide and Particulate Matter Emissions. Sulfur dioxide (SO2) and PM emissions shall be controlled in accordance with the attached Best Available Control Technology (BACT) Determination.

[Rule 62-296.406(2) & (3), FAC and Rule 2.1101, JEPB]

DD.5. Visible Emissions. VE shall be limited to 20% opacity continuous. Twenty-seven (27%) opacity shall be allowed for up to six (6) minutes per hour.

[Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

DD.6. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions, shall apply.

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

DD.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with Environmental Protection Agency (EPA) Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A), for the visual determination of opacity.

[Rule 62-297, FAC, and Rule 2.1201, JEPB]

DD.8. Visible Emissions- Test Frequency. VE compliance testing on the boiler shall be conducted no later than 270 days prior to the permit expiration date. VE compliance testing shall be conducted for a minimum period of 60 minutes [i.e., multi-valued opacity standard].

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB; Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

DD.9. The owner/operator shall record the amounts of fuel combusted each month.

[40 CFR 60.48c(g), Rule 62-210.800, FAC, and Rule 2.301, JEPB]

DD.10. The record of the amount of fuel combusted each month shall be maintained for a minimum period of five years.

[40 CFR 60.48c(i), Rule 62-210.800, Rule 62-213.400, FAC, and Rule 2.501, JEPB]

DD.11. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection EE. Emissions Unit No. 099– Cleaver Brooks Steam Generating Boiler No. 2

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
099	Cleaver Brooks Steam Generating Boiler No. 2 This EU consists of a Cleaver Brooks steam generating boiler model no. CBL-700-1200-200 rated at 50.4 MM Btu per hour maximum heat input while firing natural gas. Nitrogen Oxides (NOx) control device: Low NOx Burners

Essential Potential to Emit (PTE) Parameters

EE.1. Permitted Capacity. The estimated maximum heat input of the boiler is 50.4 MMBtu per hour.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

EE.2. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

EE.3. Method of Operation – Authorized Fuel. The only fuel which shall be fired is natural gas.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **EE.4. – EE.5.** are based on the specified averaging time of the applicable test method.

EE.4. Sulfur Dioxide and Particulate Matter Emissions. Sulfur dioxide (SO2) and PM emissions shall be controlled in accordance with the attached Best Available Control Technology (BACT) Determination.

[Rule 62-296.406(2) & (3), FAC and Rule 2.1101, JEPB]

EE.5. Visible Emissions. VE shall be limited to 20% opacity continuous. Twenty-seven (27%) opacity shall be allowed for up to six (6) minutes per hour.

[Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

EE.6. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions, shall apply.

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

EE.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with Environmental Protection Agency (EPA) Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A), for the visual determination of opacity.

[Rule 62-297, FAC, and Rule 2.1201, JEPB]

EE.8. Visible Emissions- Test Frequency. VE compliance testing on the boiler shall be conducted no later than 270 days prior to the permit expiration date. VE compliance testing shall be conducted for a minimum period of 60 minutes [i.e., multi-valued opacity standard].

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB; Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

EE.9. The owner/operator shall record the amounts of fuel combusted each month.

[40 CFR 60.48c(g), Rule 62-210.800, FAC, and Rule 2.301, JEPB]

EE.10. The record of the amount of fuel combusted each month shall be maintained for a minimum period of five years.

[40 CFR 60.48c(i), Rule 62-210.800, Rule 62-213.400, FAC, and Rule 2.501, JEPB]

EE.11. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection FF. Emissions Unit No. 100– Cleaver Brooks Steam Generating Boiler No. 3

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
100	Cleaver Brooks Steam Generating Boiler No. 3 This EU consists of a Cleaver Brooks steam generating boiler model no. CBL-700-1200-200 rated at 50.4 MM Btu per hour maximum heat input while firing natural gas. Nitrogen Oxides (NOx) control device: Low NOx Burners

Essential Potential to Emit (PTE) Parameters

FF.1. Permitted Capacity. The estimated maximum heat input of the boiler is 50.4 MMBtu per hour.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

FF.2. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

FF.3. Method of Operation – Authorized Fuel. The only fuel which shall be fired is natural gas.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **FF.4. – FF.5.** are based on the specified averaging time of the applicable test method.

FF.4. Sulfur Dioxide and Particulate Matter Emissions. Sulfur dioxide (SO2) and PM emissions shall be controlled in accordance with the attached Best Available Control Technology (BACT) Determination.

[Rule 62-296.406(2) & (3), FAC and Rule 2.1101, JEPB]

FF.5. Visible Emissions. VE shall be limited to 20% opacity continuous. Twenty-seven (27%) opacity shall be allowed for up to six (6) minutes per hour.

[Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

FF.6. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions, shall apply.

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

FF.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with Environmental Protection Agency (EPA) Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A), for the visual determination of opacity.

[Rule 62-297, FAC, and Rule 2.1201, JEPB]

FF.8. Visible Emissions- Test Frequency. VE compliance testing on the boiler shall be conducted no later than 270 days prior to the permit expiration date. VE compliance testing shall be conducted for a minimum period of 60 minutes [i.e., multi-valued opacity standard].

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB; Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

FF.9. The owner/operator shall record the amounts of fuel combusted each month.

[40 CFR 60.48c(g), Rule 62-210.800, FAC, and Rule 2.301, JEPB]

FF.10. The record of the amount of fuel combusted each month shall be maintained for a minimum period of five years.

[40 CFR 60.48c(i), Rule 62-210.800, Rule 62-213.400, FAC, and Rule 2.501, JEPB]

FF.11. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection GG. Emissions Unit No. 101– Joint Treatment No. 1 Carbonate Silo

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
101	Joint Treatment No. 1 Carbonate Silo Silo for storage of carbonate material. Particulate Matter (PM) control device: Baghouse (bin vent) dust collector

Essential Potential to Emit (PTE) Parameters

GG.1. Permitted Capacity. The maximum process rate is 40 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

GG.2. The estimated maximum airflow rate is 1,050 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

GG.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **GG.5. – GG.6.** are based on the specified averaging time of the applicable test method.

GG.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**;** **Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

GG.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.13 pounds per hour (lbs/hr) and 0.57 tons per year].

[Permit No.0310072-015-AC]

GG.6. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[Rule 62-296.711(2)(a), FAC and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

GG.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), for the visual determination of opacity.

[Rule 62-296.711(3)(a), FAC and Rule 2.1101, JEPB]

GG.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of September 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

GG.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711(3)(b), FAC and Rule 2.1101, JEPB]

GG.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

GG.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

GG.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection HH. Emissions Unit No. 102– Joint Treatment No. 2 Carbonate Silo

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
102	Joint Treatment No. 2 Carbonate Silo Silo for storage of carbonate material. Particulate Matter (PM) control device: Baghouse (bin vent) dust collector

Essential Potential to Emit (PTE) Parameters

HH.1. Permitted Capacity. The maximum process rate is 40 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

HH.2. The estimated maximum airflow rate is 1,050 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

HH.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **HH.5. – HH.6.** are based on the specified averaging time of the applicable test method.

HH.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**;** **Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

HH.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.13 pounds per hour (lbs/hr) and 0.57 tons per year].

[Permit No.0310072-015-AC]

HH.6. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[Rule 62-296.711(2)(a), FAC and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

HH.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), for the visual determination of opacity.

[Rule 62-296.711(3)(a), FAC and Rule 2.1101, JEPB]

HH.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of September 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

HH.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711(3)(b), FAC and Rule 2.1101, JEPB]

HH.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

HH.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

HH.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection II. Emissions Unit No. 103– Joint Treatment Mica Silo

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
103	Joint Treatment Mica Silo Silo for storage of mica. Particulate Matter (PM) control device: Baghouse (bin vent) dust collector

Essential Potential to Emit (PTE) Parameters

II.1. Permitted Capacity. The maximum process rate is 30 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

II.2. The estimated maximum airflow rate is 800 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

II.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **II.5. – II.6.** are based on the specified averaging time of the applicable test method.

II.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**;** **Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

II.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.10 pounds per hour (lbs/hr) and 0.45 tons per year].

[Permit No.0310072-015-AC]

II.6. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[Rule 62-296.711(2)(a), FAC and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

II.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), for the visual determination of opacity.

[Rule 62-296.711(3)(a), FAC and Rule 2.1101, JEPB]

II.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of September 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

II.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711(3)(b), FAC and Rule 2.1101, JEPB]

II.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

II.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

II.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection JJ. Emissions Unit No. 104– Joint Treatment Clay Silo

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
104	Joint Treatment Clay Silo Silo for storage of clay material. Particulate Matter (PM) control device: Baghouse (bin vent) dust collector

Essential Potential to Emit (PTE) Parameters

JJ.1. Permitted Capacity. The maximum process rate is 35 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

JJ.2. The estimated maximum airflow rate is 800 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

JJ.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **JJ.5. – JJ.6.** are based on the specified averaging time of the applicable test method.

JJ.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**;** **Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

JJ.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.10 pounds per hour (lbs/hr) and 0.45 tons per year].

[Permit No.0310072-015-AC]

JJ.6. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[Rule 62-296.711(2)(a), FAC and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

JJ.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), for the visual determination of opacity.

[Rule 62-296.711(3)(a), FAC and Rule 2.1101, JEPB]

JJ.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of September 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

JJ.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711(3)(b), FAC and Rule 2.1101, JEPB]

JJ.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

JJ.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

JJ.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection KK. Emissions Unit No. 105– Joint Treatment Talc/Perlite Storage Silo

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
105	Joint Treatment Talc/Perlite Storage Silo Silo for storage of talc or perlite material. Particulate Matter (PM) control device: Baghouse (bin vent) dust collector

Essential Potential to Emit (PTE) Parameters

KK.1. Permitted Capacity. The maximum process rate is 20 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

KK.2. The estimated maximum airflow rate is 800 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

KK.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **KK.5. – KK.6.** are based on the specified averaging time of the applicable test method.

KK.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**;** **Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

KK.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.10 pounds per hour (lbs/hr) and 0.45 tons per year].

[Permit No.0310072-015-AC]

KK.6. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[Rule 62-296.711(2)(a), FAC and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

KK.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), for the visual determination of opacity.

[Rule 62-296.711(3)(a), FAC and Rule 2.1101, JEPB]

KK.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of September 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

KK.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711(3)(b), FAC and Rule 2.1101, JEPB]

KK.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

KK.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

KK.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection LL. Emissions Unit No. 106– Joint Treatment Premixer System

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
106	Joint Treatment (Wet and Dry) Premixer System Ingredients for the production of joint compounds are mixed in 4 premixers (2 wet premixers and 2 dry premixers). Particulate Matter (PM) control device: Two (2) Baghouse dust collectors each with a stack discharge into the inside of the building

Essential Potential to Emit (PTE) Parameters

LL.1. Permitted Capacity. The maximum process rate is 30 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

LL.2. The estimated maximum airflow rate is 2,000 dry standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

LL.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **LL.5. – LL.6.** are based on the specified averaging time of the applicable test method.

LL.4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

LL.5. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.26 pounds per hour (lbs/hr) and 1.13 tons per year].

[Permit No.0310072-015-AC]

LL.6. Visible Emissions. Visible fugitive emissions from the building housing this EU shall be prohibited.

[Rule 62-296.711, FAC and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

LL.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA RM 22 (as described in 40 CFR 60, Appendix A) for the visual determination of fugitive emissions.

[Rule 62-296.711, FAC and Rule 2.1101, JEPB]

LL.8. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of October 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

LL.9. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711(3)(b), FAC and Rule 2.1101, JEPB]

LL.10. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

LL.11. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

LL.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection MM. Emissions Unit No. 108–Wallboard Coating Booth Line No. 1

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
108	Wallboard Coating Booth Line No. 1. Wallboard Coating Booth Line No.1 for the application of coatings to the finished wallboard produced by the Wallboard Lines Nos. 2 and 3. Particulate Matter will be controlled by panel filters. This EU also includes the No. 1 Board Machine Kiln which produces heat for wallboard drying zones.

Essential Potential to Emit (PTE) Parameters

MM.1. Permitted Capacity- No. 1 Board Machine Kiln Burners. The maximum heat input to the No. 1 Board Machine Kiln burners shall be 50 MMBtu/hr.

[Permit No. 0310072-015-AC, Rule 62-210.200, FAC, and Rule 2.301, JEPB]

MM.2. Method of Operation – No. 1 Board Machine Kiln Burners– Authorized Fuel. This EU shall only combust natural gas or propane.

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

MM.3. Permitted Capacity- Wallboard Coating Booth. The design capacity of the Coating Booth is 240 gallons per hour and 62,500 gallons per year of coating.

[Construction Permit No. 0310072-022-AC]

MM.4. Hours of Operation- No. 1 Board Machine Kiln Burners. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year per each **No. 1 Board Machine Kiln** burner.

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

MM.5. Hours of Operation- Wallboard Coating Booth. The hours of operation are not limited, i.e., 8,760 hours/year.

[Rule 62-4.070(3), FAC, and 62-210.200(PTE), F.A.C and Rule 2.1401, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **MM.6. – MM.7** are based on the specified averaging time of the applicable test method.

Subsection MM. Emissions Unit No. 108–Wallboard Coating Booth Line No. 1

MM.6. Visible Emissions- No. 1 Board Machine Kiln Burners. VE shall be limited to a maximum of 5% opacity from each emission point.

[Permit No. 0310072-015-AC, Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

MM.7. Visible Emissions- Wallboard Coating Booth. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity

[Rule 62-296.320(4)(b)1, F.A.C., and Rule 2.1101, JEPB; Construction Permit No. 0310072-022-AC]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

MM.8. Visible Emissions- No. 1 Board Machine Kiln Burners- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-297, FAC, and Rule 2.1201, JEPB]

MM.9. Visible Emissions- No. 1 Board Machine Kiln Burners-Test Frequency. VE testing shall be conducted 270 days prior to permit renewal. VE testing shall be conducted for a minimum period of 30 minutes on each emission point.

[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

MM.10. Particulate Matter, Sulfur Dioxide, Nitrogen Oxides - No. 1 Board Machine Kiln Burners -Test Methods. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5, 6, and 7 (as described in 40 CFR 60, Appendix A) for the determination of the PM, SO_2, and NO_x emission rates.

[Permit No. 0310072-015-AC, Rule 62-212.400(12), FAC, Rule 62-4.070, FAC, Rule 2.401, JEPB, and Rule 2.1401, JEPB]

MM.11. Particulate Matter, Sulfur Dioxide, Nitrogen Oxides- No. 1 Board Machine Kiln Burners - Test Frequency. PM, SO_2, and NO_x testing for this EU shall be conducted upon request of the Permitting Authority.

[Permit No. 0310072-015-AC, Rule 62-212.400(12), FAC, Rule 62-4.070, FAC, Rule 2.401, JEPB, and Rule 2.1401, JEPB]

MM.12. Visible Emissions- Wallboard Coating Booth- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-297, FAC, and Rule 2.1201, JEPB; Construction Permit No. 0310073-022-AC]

MM.13. Visible Emissions- Wallboard Coating Booth-Test Frequency. VE testing for Wallboard Coating Booth shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7), FAC, and Rule 2.1201, JEPB; Construction Permit No. 0310073-022-AC]

Subsection NN. Emissions Unit No. 109– Wallboard Production Line No. 2

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
109	Wallboard Production Line No. 2 Line for the production of wallboard including burners for the production of heat for wallboard drying zones. Additives may be used in the wallboard production process. Glass mats may be substituted for paper in the wallboard production process.

Essential Potential to Emit (PTE) Parameters

NN.1. Permitted Capacity. The maximum heat input to the wall board dryer Line No. 2 burners shall be 61 MMBtu/hr.

[Permit No. 0310072-015-AC, Rule 62-210.200, FAC, and Rule 2.301, JEPB]

NN.2. Method of Operation – Authorized Fuel. This EU shall only combust natural gas or propane.

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

NN.3.Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year per each wallboard dryer burner.

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **NN.4.** is based on the specified averaging time of the applicable test method.

NN.4. Visible Emissions. VE shall be limited to a maximum of 5% opacity from each emission point.

[Permit No. 0310072-015-AC, Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

NN.5. Additive and Glass Mat Usage. Additive use in wallboard production on wallboard production line nos. 2 and 3 shall be limited to a maximum of 1.44 X 106 pounds per year total. Glass mat use in wallboard production on wallboard production line nos. 2 and 3 shall be limited to a maximum of 3.08 X 106 pounds per year total as a paper substitute. Year means calendar year.

[Permit No. 0310072-016-AC, Rule 62-212.400(12), FAC, and Rule 2.401, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

NN.6. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-297, FAC, and Rule 2.1201, JEPB]

NN.7. Visible Emissions- Test Frequency. VE testing shall be conducted 270 days prior to permit renewal. VE testing shall be conducted for a minimum period of 30 minutes on each emission point.

[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

NN.8. Particulate Matter, Carbon Monoxide, Nitrogen Oxides- Test Methods. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5, 6, and 7 (as described in 40 CFR 60, Appendix A) for the determination of the PM, SO_2, and NO_x emission rates.

[Permit No. 0310072-015-AC, Rule 62-212.400(12), FAC, Rule 62-4.070, FAC, Rule 2.401, JEPB, and Rule 2.1401, JEPB]

NN.9. Particulate Matter, Carbon Monoxide, Nitrogen Oxides - Test Frequency. PM, SO_2, and NO_x testing for this EU shall be conducted upon request of the Permitting Authority.

[Permit No. 0310072-015-AC, Rule 62-212.400(12), FAC, Rule 62-4.070, FAC, Rule 2.401, JEPB, and Rule 2.1401, JEPB]

Subsection OO. Emissions Unit No. 110– Wallboard Production Line No. 3

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
110	Wallboard Production Line No. 3 Line for the production of wallboard including burners for the production of heat for wallboard drying zones. Additives may be used in the wallboard production process. Glass mats may be substituted for paper in the wallboard production process.

Essential Potential to Emit (PTE) Parameters

OO.1. Permitted Capacity. The maximum heat input to the wall board dryer Line No. 3 burners shall be 160 MMBtu/hr.

[Permit No. 0310072-015-AC, Rule 62-210.200, FAC, and Rule 2.301, JEPB]

OO.2. Method of Operation – Authorized Fuel. This EU shall only combust natural gas or propane.

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

OO.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year per each wallboard dryer burner.

[Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **OO.4.** is based on the specified averaging time of the applicable test method.

OO.4. Visible Emissions. VE shall be limited to a maximum of 5% opacity from each emission point.

[Permit No. 0310072-015-AC, Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

OO.5. Additive and Standard Glass Mat Usage- No. 2 and No. 3 Production Lines. Additive use in wallboard production on wallboard production line Nos. 2 and 3 shall be limited to a maximum of 1.44 X 10^6 pounds per year total. **Standard Glass mat only** use in wallboard production on wallboard production line nos. 2 and 3 shall be limited to a maximum of 3.08 X 10^6 pounds per year total as a paper substitute. Year means calendar year.

[Permit No. 0310072-016-AC, Construction Permit No. 03100172-024-AC, Rule 62-212.400(12), FAC, and Rule 2.401, JEPB]

OO.6. Additive and Pre-Coated Heavy Weight Glass Mat Usage- No. 3 Production Line. Pre-Coated Glass Mat Additive use in Wallboard Production Line No. 3 shall be limited to a maximum of 1.62 X 10^5 pounds per year total. **Standard Glass mat** use shall be limited to a maximum of 4.50 X 10^5 pounds per year and **Pre-Coated Heavy Weight Glass mat** use shall be limited to a maximum of 1.53 x 10^6 pounds per year. Year means calendar year.

{Permitting Note: While Line No. 3 is using the pre-coated heavy weight glass mat, it is not using the standard glass mat on both sides of the product.}

[Construction Permit No. 0310072-024-AC; Rule 62-212.400(12), FAC, and Rule 2.401, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

OO.7. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-297, FAC, and Rule 2.1201, JEPB]

OO.8. Visible Emissions- Test Frequency. VE testing shall be conducted 270 days prior to permit renewal. VE testing shall be conducted for a minimum period of 30 minutes on each emission point.

[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

OO.9. Particulate Matter, Carbon Monoxide, Nitrogen Oxides- Test Methods. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5, 6, and 7 (as described in 40 CFR 60, Appendix A) for the determination of the PM, SO_2, and NO_x emission rates.

[Permit No. 0310072-015-AC, Rule 62-212.400(12), FAC, Rule 62-4.070, FAC, Rule 2.401, JEPB, and Rule 2.1401, JEPB]

OO.10. Particulate Matter, Carbon Monoxide, Nitrogen Oxides - Test Frequency. PM, SO_2, and NO_x testing for this EU shall be conducted upon request of the Permitting Authority.

[Permit No. 0310072-015-AC, Rule 62-212.400(12), FAC, Rule 62-4.070, FAC, Rule 2.401, JEPB, and Rule 2.1401, JEPB]

Subsection PP. Emissions Unit No. 111– No. 3 Board Plant Starch Receiver/Refill Bin

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
111	No. 3 Board Plant Starch Receiver/Refill Bin. Particulate Matter (PM) control device: SENECA Baghouse Model 2-CARTHZ-245

Essential Potential to Emit (PTE) Parameters

PP.1. Permitted Capacity. The estimated maximum process rate is 3 TPH.

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

PP.2. The estimated maximum airflow rate is 500 standard cubic feet per minute (dscfm).

[Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

PP.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions PP**.6. – PP.7.** are based on the specified averaging time of the applicable test method.

PP.4. 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit.

PP.5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

PP.6. Particulate Matter Emissions. PM emissions shall be limited to 0.015 gr/dscf [0.06 pounds per hour (lbs/hr) and 0.28 tons per year].

[Applicant's Request, Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

PP.7. Visible Emissions. (VE) shall be limited to five (5) percent (%) opacity.

[40 CFR 60.672, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

PP.8. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A), and the procedures in 40 CFR 60.11, for the visual determination of opacity.

[40 CFR 60.675, Rule 62-204.800(8), FAC, Rule 62-296.711, FAC, Rule 2.1101, JEPB, and Rule 2.201, JEPB]

PP.9. Visible Emissions- Test Frequency. VE testing shall be conducted annually from the date of May 1, 2010. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

PP.10. Particulate Matter- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM concentration. The minimum sample volume shall be 30 dscf.

[Rule 62-296.711, FAC, and Rule 2.1101, JEPB]

PP.11. Particulate Matter- Test Frequency. PM testing shall be conducted upon request of the Permitting Authority.

[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

PP.12. The permittee shall maintain records as required by the attached Operation and Maintenance (O&M) Plan. Records shall be maintained for a minimum period of 5 years. Records shall be provided upon request of the Permitting Authority.

[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 62-296.700(6), FAC, Rule 2.1401, JEPB, Rule 2.501, JEPB, and Rule 2.1101, JEPB]

PP.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection QQ. Emissions Unit No. 112– Emergency Fire Pump and Generator Diesel Engines

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
112	Emergency Fire Pump and Generator Diesel Engiens One fire pump diesel engine - Model No. CTCA8.3F2 and one emergency diesel engine generator – Model No. DGFC-5742614 and Serial No. J050846636 (Engine Model No. 6CTAA8.3G2)

Description of Engine	Date Built	Displacement/Horsepower	Rule Applicability
201 kW Cummins Fire Pump Engine	11/10/2000	1.38 liters/cylinder & 270 BHP	40 CFR Part 63, Subpart ZZZZ
200 kW Cummins Generator Diesel Engine	11/03/2005	1.38 liters/cylinder & 268 BHP	40 CFR Part 63, Subpart ZZZZ

{**Permitting Note:** This permit section addresses existing, emergency compression ignition (CI) reciprocating internal combustion engines (RICE) constructed prior to June 12, 2006 and located at an area source of HAP emissions.}

QQ.1. 40 CFR 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and 40 CFR 63, Subpart A, General Provisions shall apply to the engines of this emissions unit.

[40 CFR 63.6585, Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

QQ.2. The permittee shall comply with the following operating limitations no later than May 3, 2013.

[40 CFR 63.6595(a)(1), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Essential Potential to Emit (PTE) Parameters

QQ.3. The owner or operator shall operate and maintain the emergency stationary RICE according to the following:

(a) There is no time limit on the use of emergency stationary RICE in emergency situations.

(b) The emergency stationary RICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or Local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year.

(c) The emergency stationary RICE may be operated up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance checks and readiness testing.

(d) The 50 hours per year for non-emergency situations may not be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply non-emergency power as part of a financial arrangement with another entity.

[40 CFR 63.6640(f), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

QQ.4. The owner or operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

[40 CFR 63.6625(h), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Emission Limitations and Operating Requirements

QQ.5. The owner or operator shall comply with the following requirements as outlined in 40 CFR 63, Subpart ZZZZ, Table 2d.

a. Change oil and filter every 500 hours of operation or annually, whichever comes first, or use an oil analysis program to extend this interval, as provided in Specific Condition No. 6 below.

b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first.

c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

[40 CFR 63.6603(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

QQ.6. The owner or operator has the option of using an oil analysis program to extend the oil change requirement. The oil analysis shall be performed at the same frequency specified for changing the oil in Specific Condition No. 5 for this emissions unit. The analysis program shall at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator shall change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator shall change the oil within 2 days or before commencing operation, whichever is later. The owner or operator shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program shall be part of the maintenance plan for the engine.

[40 CFR 63.6625(i), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

QQ.7. The owner or operator shall operate and maintain the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions or develop and follow their own maintenance plan which shall provide, to the extent practicable, for the maintenance and operation of the engine in a manner consistent with good air pollution control practices for minimizing emissions.

[40 CFR 63.6640(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Monitoring Requirements

QQ.8. The owner or operator shall install a non-resettable hour meter if one is not already installed.

[40 CFR 63.6625(f), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Compliance Requirements

QQ.9. Each unit shall be in compliance with the operating standards in this section at all times.

[40 CFR 63.6605(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

QQ.10. Operation and Maintenance of Equipment. At all times the owner or operator shall operate and maintain the stationary RICE, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Compliance Authority which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

[40 CFR 63.6605(b), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

QQ.11. The owner or operator shall keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the stationary RICE and after-treatment control device (if any) was operated and maintained according to their own maintenance plan.

[40 CFR 63.6655(e), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

QQ.12. The owner or operator shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator shall document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the owner or operator shall keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

[40 CFR 63.6655(f), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

QQ.13. The records in Specific Condition Nos. 11 and 12 for this emissions unit shall be kept and maintained for a minimum period of five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Records shall be provided to the Permitting Authority upon request.

[40 CFR 63.6660, Rule 62-204.800(11), FAC and Rule 2.201, JEPB]