

United States Gypsum Company

FACILITY ID NO.: 0310072
DUVAL COUNTY
AIR CONSTRUCTION PERMIT
FINAL PERMIT NO.: 0310072-010-AC

PERMITTING AND COMPLIANCE AUTHORITY
ENVIRONMENTAL RESOURCE MANAGEMENT DEPARTMENT
ENVIRONMENTAL QUALITY DIVISION
117 WEST DUVAL STREET
SUITE 225
JACKSONVILLE, FL 32202
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Air Construction Permit
Final Permit No.: 0310072-010-AC

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| <u>Emission Unit ID No.</u> | <u>Brief Description</u> |
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| 061 | No. 3 Board Plant Stucco Elevator, Screen, and Additive Screws |
| 063 | No. 3 Board Plant End Saws |
| 064 | No. 3 Board Plant Stucco Feed Bin |
| 092 | Kettle Burners and Wallboard Dryers |

Permittee:

United States Gypsum Company
6825 Evergreen Ave.
Jacksonville, FL 32208-4996

Final Permit No.: 0310072-010-AC
Facility ID No.: 0310072
SIC No.: 97
Project: Air Construction Permit
Modification of EU nos. 061, 063, 064, and
092

This permit is for the modification of emission unit nos. 061, 063, 064, and 092 by increasing gypsum board line speed, increasing process rates, and increasing fuel combusted at the United States Gypsum Company, located at 6825 Evergreen Ave., Jacksonville, Duval County, Florida, 32208-4996. UTM Coordinates: Zone 17, 438.9 km East and 3361.2 km North; Latitude: 30° 22' 52" North and Longitude: 81° 38' 07" West.

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 62-4, 62-204, 2-210, 62-212, 62-213, 62-296, and 62-297. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Environmental Resource Management Department, Environmental Quality Division (Department), and made a part hereof, in accordance with the terms of this permit.

Title V Operation Permit Revision Application Due Date: July 1, 2006
Expiration Date: December 31, 2006

Environmental Resource Management Department
Environmental Quality Division

Robert Steven Pace, P.E.
Air Quality Branch Manager

RSP/JW/rds

Section I. Facility Information

Subsection A. Facility Project Description

The facility is a major source of air pollution because the potential emissions of regulated air pollutants are greater than 100 tons per year pursuant to Chapter 62-210, FAC, and Rule 2.301, JEPB.

This permit is to modify emission unit nos. 061, 063, 064, and 092 by increasing the gypsum board line speed, increasing process rates, and increasing fuel combusted at the Gypsum Wallboard Manufacturing Plant in Jacksonville.

The project is subject to the provisions of New Source Performance Standards, 40 CFR 60, Subpart OOO, Standards of Performance for Non-Metallic Mineral Processing Plants, and 40 CFR 60, Subpart A, General Conditions, in accordance with Rule 62-204.800(7)(b), FAC, and JEPB Rule 2.201. EU nos. 061 and 064 are subject to New Source Performance Standards, EU no. 063 is subject to Reasonably Available Control Technology requirements, and EU no. 092 is subject to general opacity requirements. Even though EU no. 063 is being modified it is not subject to the Subpart OOO requirements because it is not an affected emission unit listed in the applicability portion of the standard. Even though EU no. 092 is being modified it is not subject to the 40 CFR 60, Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries, requirements because it is an exempt emission unit listed in the applicability portion of the standard. The facility is currently major for purposes of Prevention of Significant Deterioration, however the applicant will take federally enforceable restrictions on EU nos. 061, 063, and 064 reducing PM and PM₁₀ emissions by 5.03 tons per year. After the modification the facility potential to emit (post modification) will be below 250 tons per year, which will classify the facility as minor for PSD purposes, therefore not requiring a Best Available Control Technology Determination.

Subsection B. Summary of Emission Unit (EU) ID Nos. and Brief Descriptions

| <u>Emission Unit ID No.</u> | <u>Brief Description</u> |
|-----------------------------|--|
| 061 | No. 3 Board Plant Stucco Elevator, Screen, and Additive Screws |
| 063 | No. 3 Board Plant End Saws |
| 064 | No. 3 Board Plant Stucco Feed Bin |
| 092 | Kettle Burners and Wallboard Dryers |

Subsection C. Relevant Documents

Air construction permit application received January 14, 2005

Section II. Facility Wide Conditions

Subsection A. General Conditions

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific process and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300,

FAC, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - () Determination of Best Available Control Technology (BACT)
 - () Determination of Prevention of Significant Deterioration (PSD)
 - () Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)
 - (X) Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by this permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurements;
 2. The person responsible for performing the sampling or measurements;
 3. The date(s) analyses were performed;
 4. The person responsible for performing the analyses;
 5. The analytical techniques or methods used;
 6. The results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.
[Rule 62-4.160, FAC, and Rule 2.1301, Jacksonville Environmental Protection Board (JEPB)]

Subsection B. Specific Conditions

1. Permittee shall notify the Department thirty (30) days prior to EU testing.
[40 CFR 60.7(a)(6), 40 CFR 60.8(d), Rule 62-204.800, FAC, and Rule 2.201, JEPB]
2. Copies of the test report(s) shall be submitted to the Department within forty-five (45) days of completion of testing.
[Rule 62-297.310(8)(b), FAC, and Rule 2.1101, JEPB]
3. Stack sampling facilities shall comply with the requirements of 40 CFR 60.8(e), Rule 62-204.800, FAC, Rule 62-297.310(6), FAC, Rule 2.201, JEPB, and Rule 2.1101, JEPB.
4. Testing of emissions shall be conducted with the EU operating at permitted capacity. Permitted capacity is

defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then EU may be tested at less than capacity; in this case subsequent EU operation is limited to 110 percent of the test load until a new test is conducted. Once the EU is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.

[Rule 62-297.310(2), FAC, and Rule 2.1101, JEPB]

5. Any revision(s) to a permit (and application) shall be submitted to and approved by the Department prior to implementing.
[Rule 62-4.080(2), FAC, and Rule 2.1301, JEPB]
6. Permittee shall submit an annual operation report to the Department for this (these) emission unit(s) on the form(s) supplied for each calendar year on or before March 1.
[Rule 62-210.370(3), FAC, and Rule 2.301, JEPB]
7. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, the Department must be notified in writing sixty (60) days prior to the expiration of the construction permit. A new schedule and request for an extension of the construction permit must be submitted.
[Rule 62-4.080(3), FAC, and Rule 2.1301, JEPB]
8. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for a Title V Operation Permit revision along with compliance records and test results, to the Department one hundred eighty (180) days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date.
[Rule 62-210.300(2), FAC, and Rule 2.301, JEPB]
9. The permittee shall submit all compliance related notifications and reports required of this permit to:

Environmental Resource Management Department
Environmental Quality Division
117 West Duval Street, Suite 225
Jacksonville, FL 32202
Telephone: (904) 630-4900
Fax: (904) 630-3638

10. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited.

The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants, which cause or contribute to an objectionable odor in accordance with Rule 62-296.320(2), FAC, and Rule 2.1001, JEPB.

11. The facility shall be subject to 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]
12. The facility shall be subject to JEPB Rule 2, Part Nos. I through VII, and Part Nos. IX through XIII.
13. 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 Department 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 2.1301, 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, FAC, and Rule 2.201, JEPB]

14. The owner or operator shall submit separate notifications of the actual startup date and commencement of construction date as required by 40 CFR 60.7(a) to the Environmental Resource Management Department, Environmental Quality Division, 117 West Duval St., Suite 225, Jacksonville, FL 32202.

Section III. Emission Units and Conditions

Emission Unit No. 061-No. 3 Board Plant Stucco Elevator, Screen, and Additive Screws

Emission Unit Description: Stucco material handling

Particulate Matter (PM) control device: Baghouse BG-1

Essential Potential to Emit (PTE) Parameters

1. The estimated maximum process rate is 145 TPH.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]
2. The estimated maximum air flow rate is 4997 dscfm.
[Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]

Emission Limitations and Standards

3. This EU shall be allowed to operate a maximum of 8324 hours per year.
[Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]
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.
5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emissions Units** [Rule 62-296.700(3), FAC, and Rule 2.1001, JEPB]; **Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1001, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB] shall apply to this emission unit.
6. PM emissions shall be limited to 0.020 gr/dscf [0.86 lbs/hr and 3.58 TPY].
[Applicant's request, 40 CFR 60.672(a)(1), Rule 62-204.800(7), FAC, and Rule 2.201, JEPB]
7. Visible emissions (VE) shall be limited to 5% opacity.
[40 CFR 60.672(a)(1), Rule 62-296.712, FAC, and Rule 2.1001, JEPB]

Test Methods and Procedures

8. 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.
9. Initial VE compliance testing shall be conducted within 60 days after achieving the maximum production rate at which the emission unit will be operated but no later than 180 days after initial start-up of the emission unit. [40 CFR 60.11(e)(1), Rule 62-204.800, FAC, and Rule 2.301, JEPB]
10. The initial VE compliance test shall be a minimum period of three (3) hours in length and shall be conducted concurrently with the initial PM compliance test. [40 CFR 60.11(b), Rule 62-204.800, FAC, and Rule 2.301, JEPB]
11. 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 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(b)(1), Rule 62-204.800(7), FAC, and Rule 2.201, JEPB]
12. Initial PM compliance testing shall be conducted within 60 days after achieving the maximum production rate at which the emission unit will be operated but no later than 180 days after initial start-up of the emission unit. [40 CFR 60.8, Rule 62-204.800, FAC, and Rule 2.301, JEPB]

Record-keeping and Reporting

13. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Department. [Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB]

Emission Unit No. 063-No. 3 Board Plant End Saws

Emission Unit Description: Saws which cut wallboard to size

Particulate Matter (PM) control device: Baghouse BG-6

Essential Potential to Emit (PTE) Parameters

1. The estimated maximum air flow rate is 9090 dscfm. [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]

Emission Limitations and Standards

2. The maximum process rate is 110,000 square feet per hour. [Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]
3. This EU shall be allowed to operate a maximum of 8324 hours per year. [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]
4. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emissions Units** [Rule 62-296.700(3), FAC, and Rule 2.1001, JEPB];

Maximum Allowable Emission Rates [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1001, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB] shall apply to this emission unit.

5. PM emissions shall be limited to 0.020 gr/dscf [1.56 lbs/hr and 6.49 TPY].
[Applicant's request, Rule 62-296.712, FAC, and Rule 2.1001, JEPB]
6. Visible emissions (VE) shall be limited to 5% opacity.
[Rule 62-296.712, FAC, and Rule 2.1001, JEPB]

Test Methods and Procedures

7. 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.
8. Initial VE compliance testing shall be conducted within 60 days after achieving the maximum production rate at which the emission unit will be operated but no later than 180 days after initial start-up of the emission unit. Testing shall be conducted for a minimum period of 30 minutes and shall be conducted concurrently with the initial PM compliance test.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1101, JEPB]
9. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 30 dscf.
[Rule 62-296.712(3), FAC, and Rule 2.1001, JEPB]
10. Initial PM compliance testing shall be conducted within 60 days after achieving the maximum production rate at which the emission unit will be operated but no later than 180 days after initial start-up of the emission unit.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1101, JEPB]

Record-keeping and Reporting

11. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Department.
[Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB]

Emission Unit No. 064-No. 3 Board Plant Stucco Feed Bin

Emission Unit Description: Bin which feeds stucco to the No. 3 Board Plant

Particulate Matter (PM) control device: Baghouse BG-7

Essential Potential to Emit (PTE) Parameters

1. The estimated maximum air flow rate is 4171 dscfm.
[Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]

Emission Limitations and Standards

2. The maximum process rate is 145 TPH.

[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

3. This EU shall be allowed to operate a maximum of 8324 hours per year.
[Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]
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.
5. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emissions Units** [Rule 62-296.700(3), FAC, and Rule 2.1001, JEPB]; **Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1001, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB] shall apply to this emission unit.
6. PM emissions shall be limited to 0.020 gr/dscf [0.72 lbs/hr and 3.0 TPY].
[Applicant's request, Rule 62-296.711, FAC and Rule 2.1001, JEPB]
7. Visible emissions (VE) shall be limited to 5% opacity.
[40 CFR 60.672(f), Rule 62-296.711, FAC, and Rule 2.1001, JEPB]

Test Methods and Procedures

8. 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.
9. The initial VE compliance test period shall be a minimum of one (1) hour. Initial VE compliance testing shall be conducted within 60 days after achieving the maximum production rate at which the emission unit will be operated but no later than 180 days after initial start-up of the emission unit.
[40 CFR 60.11(b), 40 CFR 60.675(b)(2), Rule 62-204.800, FAC, and Rule 2.301, JEPB]
10. Testing for demonstration of compliance shall be conducted in accordance with EPA Reference Method 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM emissions rate concentration. The sample volume shall be at least 30 dscf.
[Rule 62-296.711, FAC, and Rule 2.1001, JEPB]
11. PM testing shall be conducted upon request of the Department.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1101, JEPB]

Record-keeping and Reporting

12. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Department.
[Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB]

Emission Unit No. 092-Kettle Burners and Wallboard Dryers

Emission Unit Description: Burners for the production of heat for the calcining kettles and wallboard dryers

Emission Limitations and Standards

1. The maximum heat input to the kettle burners and wallboard dryers shall be as follows:

| <u>Source Description</u> | <u>Maximum Heat Input</u> |
|---------------------------|---------------------------|
| 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 |
| Wallboard Dryers No. 1 | 50 MMBtu/hr |
| Wallboard Dryers No. 2 | 61 MMBtu/hr |
| Wallboard Dryers No. 3 | 160 MMBtu/hr |
| MBR Kettle Burner No. 1 | 15.0 MMBtu/hr |
| MBR Kettle Burner No. 4 | 15.0 MMBtu/hr |

[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate 8324 hours per year per each kettle burner and each wallboard dryer burner.
[Rule 62-4.070, FAC, and Rule 2.1301, JEPB]
3. This EU shall only combust natural gas or propane. Only natural gas may be combusted in Wallboard Dryer No. One (1).
[Rule 62-4.070, FAC, and Rule 2.1301, JEPB, Permit AC16-100644]
4. Visible emissions (VE) shall be limited to less than 20% opacity from all emission points except Wallboard Dryer No. 1.
[Rule 62-296.320(4), FAC, and Rule 2.1001, JEPB]
5. VE from Wallboard Dryer No. 1 shall be limited to a maximum of 5% opacity.
[Permit AC16-100644]
6. PM from Wallboard Dryer No. 1 shall be limited to 0.24 lbs/hr and 1.0 TPY. SO₂ from Wallboard Dryer No. 1 shall be limited to 0.03 lbs/hr and 0.1 TPY. NO_x from Wallboard Dryer No. 1 shall be limited to 0.39 lbs/hr and 1.6 TPY.
[Permit AC16-100644]

Test Methods and Procedures

7. 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.
8. Initial VE compliance testing on wallboard dryer no. 3 shall be conducted within 60 days after achieving the maximum production rate at which the emission unit will be operated but no later than 180 days after initial start-up of the emission unit. Testing shall be conducted for a minimum period of 30 minutes. No other

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emission points in this EU are required to be tested for purposes of this permit.
[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1101, JEPB]

9. 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 NO_x emission rates.
[Permit AC16-100644]
10. PM, SO₂, and NO_x testing on Wallboard Dryer No. 1 shall be conducted upon request of the Department.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1101, JEPB]

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to S.120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

Date

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