Gilman Building Products
Perry Mill
Facility ID No.: 1230033
Taylor County

Title V Air Operation Permit Renewal

Permit No. 1230033-010-AV
(Renewal of Title V Air Operation Permit No. 1230033-009-AV)

Draft/Proposed

Permitting Authority:

State of Florida
Department of Environmental Protection
Northeast District Office
Waste and Air Resource Management
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256
Telephone: (904) 256-1700
Fax: (904) 256-1587

Compliance Authority:

State of Florida
Department of Environmental Protection
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 Renewal

Permit No. 1230033-010-AV

Table of Contents

Section **Page Number**

I. Facility Information.
   A. Facility Description. 2-6
   B. Summary of Emissions Units. 3
   C. Applicable Regulations. 4

II. Facility-wide Conditions. 5-6

III. Emissions Unit(s) Specific Conditions.
   A. Emissions Unit 001 Wood Fired Boiler 7-10
   B. Emissions Unit 004 No. 3 Direct Fired Lumber Drying Kiln…… ..... …… 11-13

IV. Appendices..... 14
   Appendix A, Glossary.
   Appendix NESHAP, 40 CFR 63 Subpart DDDDD
   Appendix NESHAP, 40 CFR 63 Subpart A – General Provisions
   Appendix U, List of Unregulated Emissions Units and/or Activities.
   Appendix I, List of Insignificant Emissions Units and/or Activities.
   Appendix RR, Facility-wide Reporting Requirements.
   Appendix TR, Facility-wide Testing Requirements.
   Appendix TV, Title V General Conditions.
   Appendix CAM, Compliance Assurance Monitoring Plan

Referenced Attachments. ..... At End
   Table H, Permit History.
   Table 1, Summary of Air Pollutant Standards and Terms.
   Table 2, Compliance Requirements.

Draft/Proposed

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

PERMITTEE:
Gilman Building Products, LLC
3823 Owens Road
Yulee, Florida 32097

Draft/Proposed Permit No. 1230033-010-AV
Facility ID No.: 1230033
SICS No(s).2421
Project: Title V Air Operation Permit Renewal

The purpose of this permit is to renew Title V Air Operation Permit No. 1230033-009-AV. This existing facility is located at 1509 South Byron Butler Parkway, Taylor County; UTM Coordinates: Zone 17, 250.7 km East and 3332.5 km North; Latitude: 30° 06' 00" North and Longitude: 83° 35' 14" West.

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Effective Date: xx, 20xx
Renewal Application Due Date: DATE -225, 20xx
Expiration Date: xx, 20xx

(Draft/Proposed)

_____

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

RSR/yke

Draft/Proposed

Subsection A. Facility Description:

Gilman Building Products, LLC is a "Chip-n-Saw"Mill that consists of several pieces of equipment used to process Southern Yellow Pine logs into chips, bark, and graded lumber. Equipment includes one wood-fired boiler, one direct-fired kiln, two baghouses for the fuel systems, a log debarker, saw, chipper, sorter, planer, cyclones, two indirect-fired drying kilns, and a hammermill**.**

Southern Pine logs arrive by truck and are unloaded in a log storage area prior to debarking. Debarked logs are sawed and then dried on site in the kilns. Wood wastes are fed from the saw mill into the boiler and the direct-fired kiln via silos and conveyors. The dried lumber is then planed, trimmed, and graded prior to shipment.

EU 001 Wood Fired Boiler: The 46 MMBtu/hr wood-fired Industrial Boiler, Model No. HRT 3-5000-175, provides steam to both Indirect Fired Kiln #1 and Indirect Fired Kiln #2 (EUs 006 and 007, respectively). This boiler is fueled by dry wood wastes. Two, in series, multi-cyclone collectors are used to control particulate matter emissions.

The boiler is subject to the requirements of State Rule 62-296.410(2)(a), F.A.C.– Carbonaceous Fuel Burning Equipment, and 40 CFR 63, Subpart DDDDD - National Emission Standards for HAP for Major Sources: Industrial, commercial and Institutional Boilers.

EU 002 and EU 005: The Bark & Sawdust Silo and #2 Fuel System are each equipped with a baghouse for the control of particulate matter. From the September 12, 2013 applicant supplied data, potential PM emissions are estimated as being 13.14 TPY for the Bark & Sawdust Silo and 5.26 TPY for the #2 Fuel System.

Both emissions units are classified as unregulated emissions units. Neither unit is subject to any unit-specific applicable emissions standards (Permit No. 1230033-011-AC).

EU 004 #3 Direct Fired Lumber Drying Kiln: The Kilntek manufactured direct- fired lumber drying kiln has its independent waste wood fired burner for the drying of cut lumber. The kiln has an abort stack for heat release when necessary, is fueled by dried wood waste, and exhaust through its roof vents. This kiln is a batch fired kiln.

This kiln's initial startup date is January 1997. From the applicant supplied data dated August 05, 2013, the maximum heat input rate for the burner is estimated to be 25.0 MMBtu/hr.

From Permit No. 1230033-002-AC, the capacity of the kiln is limited to 140,000 board feet per charge and 60,000,000 board feet per any consecutive 12-month period.

The kiln is subject to the requirements of State Rule 62-296.410(2)(a), F.A.C.– Carbonaceous Fuel Burning Equipment and 40 CFR 63, Subpart DDDD - National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products. However, the kiln not required to comply with any compliance/operating requirement, and the work practice standards, except for the initial notification as required in 40 CFR 63.9(b)

EU 006, Indirect Fired Lumber Drying Kiln # 1: This kiln's initial startup date is January 1990. From the applicant supplied data dated August 5, 2013, the maximum heat input rate for the burner is estimated to be 25.0 MMBtu/hr, and the kiln dimensions are dimensions are 64' 5" x 34' 4". The kiln is a batch fired

kiln with two tracks for loading lumber. From the September 12, 2013 applicant supplied data, the capacity of the kiln is estimated as 147,000 board feet per charge.

The kiln's maximum annual production rate is unrestricted based on the kiln's current configuration and operating methods.

The kiln is classified as an unregulated emissions unit as it is not subject to any unit-specific applicable emissions criteria.

EU 007, Indirect Fired Lumber Drying Kiln # 2: The kiln's initial startup date is January 1994. From the applicant supplied data dated August 5, 2013, the maximum heat input rate for the burner is estimated to be 25.0 MMBtu/hr, and the kiln dimensions are 69' 1" x 22' 4". The kiln is a batch fired kiln with one track for loading lumber. From the September 12, 2013 data, the capacity of the kiln is estimated as 76,000 board feet per charge.

The kiln's maximum annual production rate is unrestricted based on the kiln's current configuration and operating methods.

The kiln is classified as an unregulated emissions unit as it is not subject to any unit-specific applicable emissions criteria.

Subsection B. Summary of Emissions Units and Activities:

EU No.	Brief Description
Regulated Emissions Units	
001	Wood-fired Boiler with two multi-cyclone collectors in a series
004	#3 Direct Fired Lumber Drying Kiln
Unregulated Emissions Units	
002	Bark and Sawdust Silo with Baghouse
005	# 2 Fuel System with Baghouse
006	#1 Indirect Fired Lumber Drying Kiln
007	#2 Indirect Fired Lumber Drying Kiln

Subsection C. Applicable Regulations:

Based on the Title V Air Operation Permit Renewal application received August 05, 2013, this facility is a major source of hazardous air pollutants (HAP). The existing facility is 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).
40 CFR 63, Subpart DDDDD, National Emission Standards for HAP for Major Sources: Industrial, commercial and Institutional Boilers	001
Federal Rule Citation: 40 CFR 63 Subpart DDDD- National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products	004
40 CFR 63, Subpart A – General Provisions	001, 004
CAM	001
State Rule Citations (Rule 62-4, 62-204, 62-210, 62-212.400 , 62-213, 62-296.410, 62-297.310, F.A.C.)	001, 004,

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.]

Emissions and Controls

FW2. General Pollutant Emission Limiting Standards 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 Air Construction Permit No.1230033-006-AC]

FW3. General Visible Emissions Standard.
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, F.A.C.

[Rules 62-296.320(4)(b)1. & 4., F.A.C.]

FW4. 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 to prevent emissions of unconfined particulate matter at this facility include:

a. Application of water or other dust suppressants to the plant surface area;
b. Cleaning all surfaces and tires of the vehicles to prevent out-tracking;
c. Enclosure or covering of conveyor systems;
d. Routine maintenance and cleaning of the process equipment;
e. The following requirements are "not federally enforceable"
f. Paving and maintenance of roads, parking areas and yards;
g. Limiting vehicles access; and
h. Operational measures to reduce dust.

[Rule 62-296.320(4)(c)2., F.A.C.; AC62-173530, AC62-248334, and AC62-253367 ; and, proposed by the applicant in the initial Title V permit application received July 14, 1997]

FW5. 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.

Nothing was deemed necessary and ordered at this time.

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

Annual Reports and Fees

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

FW6. Annual Operating Report. The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by April 1st of each year.

[Rule 62-210.370(3), F.A.C.]

FW7. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download 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.

[Rule 62-213.205, F.A.C.]

FW8. 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.]

FW9. 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 to: 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]

The Conditions in this subsection apply to the following emissions unit:

EU No.	Brief Description
001	Wood-fired Boiler with two multi-cyclone collectors in a series.

{Permitting note(s): The emissions unit is regulated under: Rule 62-296.410, F.A.C. – Carbonaceous Fuel Burning Equipment, and Compliance Assurance Monitoring (CAM), adopted and incorporated by reference in Rule 62-204.800, F.A.C. The Wood Fired Boiler is also subject to 40 CFR 63, Subpart DDDDD - National Emission Standards for HAP for Major Sources: Industrial, Commercial and Institutional Boilers}

Essential Potential to Emit (PTE) Parameters

A.1. Maximum Heat Input Rate: The maximum allowable heat input rate shall not exceed 46 MMBTU/Hour.

{Permitting Note: Basis of the heat input rate is based on maximum throughput rate of 11,500 lbs/hour of wood, and heat content of 4,000 Btu/lb.}

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C]

A.2. **Methods of Operation:** Waste wood shall be the only fuel fired in this emissions unit.

[Rules 62-4.160(2), 62-210.200(PTE), and Rule 62-213.410, F.A.C.]

A.3. **Hours of Operation:** The hours of operation are not restricted; 8,760 hours/year.

[Rule 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: Table 1-1, 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.}

{Permitting note: The averaging time for the Conditions A.4. and A.5. are based on the run time of the specified test method, unless otherwise specified in this permit.}

A.4. Particulate Matter (PM) Emissions Limit: Particulate Matter Emissions shall not exceed 0.2 pounds per million BTU of heat input of carbonaceous fuel.

[Rule 62-296.410(2)(b)2, F.A.C.]

A.5. Visible Emissions (VE) Limit: Visible Emissions shall not exceed 30% opacity with the exception of 40% opacity for not more than 2 minutes in any one-hour.

[Rule 62-296.410(2)(b)1., F.A.C.]

Compliance Demonstration, Test Methods and Procedures

{Permitting note: Table 2-1, 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.6. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit.

[Rule 62-297.310, F.A.C.]

A.7. Test Method (s): The owner or operator shall demonstrate compliance with the emissions limit with the test methods as described in the table below.

Compliance Demonstration For	Test Method	Description
PM Limit	EPA Method 1 through 4	Method for determining traverses points, velocity, flow rate, gas analysis, and moisture content. These methods shall be performed as necessary to support other methods.
	EPA Method 5	Method for determining the Particulate Matter Emissions.
VE Limit	DEP Method 9	Method for determining opacity observations.

The above EPA methods are specified in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department.

The test shall be conducted by an observer certified in accordance with the requirements of Rule 62-297.320, F.A.C. – Standards for Persons Engaged in Visible Emissions Observations.

[Rule 62-296.410 (3) and 62-297.410 F.A.C.]

A.8. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.

Condition A.8. Continued:

2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 per cent opacity, except that an opacity of 40 per cent is permissible for not more than two minutes per hour) opacity shall be computed as follows:

   a. For the basic part of the standard (i.e., 20 percent opacity (the opacity shall be determined as specified above for single-valued opacity standard.

   b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.

[Rule 62-297.401(9)(c) F.A.C.; and Appendix A of 40 CFR 60; Rule 62-297.401(9)(c) F.A.C]

A.9. DEP Method 9- Required Sampling Time. The required minimum period of observation for each compliance test shall be sixty (60) minutes or, if the operation is normally completed in less than 60 minutes and does not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

[Rules 62-297.310(4)(a)2 and (4)(a)2.a., F.A.C.]

A.10. Compliance Test Procedures. Compliance test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C.

[Rule 62-296.410(3)(c), F.A.C.]

A.11. PM Compliance Test Frequency: The owner or operator shall conduct performance test to demonstrate compliance with the PM emissions limit in Condition A. 4. once every 5 years. The tests shall occur prior to obtaining a renewed operation permit.

[Rules 62-210.300(2)(a) and 62-297.310(7)(a)1., F.A.C.]

A.12. VE Compliance Test Frequency: The owner or operator shall conduct test to demonstrate compliance with the VE limit at least once during each federal fiscal year (October 1-September 30).

[Rule 62-297.310(7) (a) 4.a., F.A.C.]

Compliance Assurance Monitoring (CAM) Requirements

A.13. This emissions 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), F.A.C.

[40 CFR 64; and, Rules 62-204.800 and 62-213.440(1)(b)1.a., F.A.C.]

Other Requirements

A.14. Federal Rule Requirements. In addition to the specific conditions listed above, this emissions unit(s) is also subject to the applicable requirements contained in 40 CFR 63, Subpart A – General Provisions and 40 CFR 63 Subpart DDDDD – National Emission Standards for HAP for Major Sources: Industrial, Commercial and Institutional Boilers (attachment to this permit)

[Rule 62-213.440, F.A.C.and 40 CFR 63.7485]

A.15. Compliance Date: The owner or operator shall comply with the applicable emission limitations and operating limitations of 40 CFR 63 Subpart DDDDD. Compliance with emission and operating limitations shall be met no later than January 31, 2016.

[40 CFR 63.7495(b)]

The Conditions in this subsection apply to the following emissions unit:

EU No.	Brief Description
004	#3 Direct-Fired Lumber Drying Kiln. The kiln is a batch fired kiln. The drying of the lumber is accomplished by wood-fueled burner in the kiln. The heated air inside the kiln is circulated by fans during each drying cycle over the green lumber stacked inside. Gases from the drying kiln (products of the combustion from the kiln burner, HAPs, and moisture) are released through multiple roof vents that open and close at random intervals during a drying cycle. Gases also escape as fugitive emissions through kiln doors and other exit points created after the kiln has undergone multiple heating and cooling cycles.

The emissions unit is regulated under Rule 62-296.410(2)(a), F.A.C., for Carbonaceous Fuel Burning Equipment. The unit is an affected source of 40 CFR 63, Subpart DDDD - National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products. However, the kiln not required to comply with any compliance/operating requirement, and the work practice standards, except for the initial notification as required in 40 CFR 63.9(b).}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

B.1 Permitted Capacity: The maximum heat input rate heat input rate of the burner shall not exceed 25 MMBTU/Hr.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C., Permit No. 1230033-002-AC]

B.2. Maximum Kiln Throughput Rate: The maximum lumber charging rate is 140 Mbf/charge, and 60,000 Mbf/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C., Permit No. 1230033-002-AC]

B.3. Methods of Operation: Waste wood shall be the only fuel fired in this emissions unit.

[Rule 62-213.410, F.A.C.]

B.4. Hours of Operation: The hours of operation of this emissions unit are not restricted, i.e. 8,760 hours per year.

[Rule 62-210.200(PTE), F.A.C.]

EMISSION LIMITATIONS AND STANDARDS

{Permitting note: Table 1-1, 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.}

{Permitting Note: Unless otherwise specified, the averaging times for these conditions are based on the specified averaging time of the applicable test method.}

B.5. Visible Emissions Limit: Visible Emissions shall not exceed 20% opacity with the exception condition of 40% opacity for not more than 2 minutes in any one-hour.

[Rule 62-296.410(2)(a), F.A.C.]

TEST METHODS AND PROCEDURES

{Permitting note: Table 2-1, 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.6. Visible Emissions. The Visible Emissions test method shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C. No other methods may be used unless prior written approval is received from the Department.

The test shall be conducted by an observer certified in accordance with the requirements of Rule 62-297.320, F.A.C. – Standards for Persons Engaged in Visible Emissions Observations.

[Rules 62-296.410(3)(a), 62-297.310(7)(a)4.a., and 62-297.320, F.A.C.;

B.7. Visible Emissions Test Method and Frequency. A compliance test shall be conducted at least once during each federal fiscal year (October 1 – September 30).

[Rule 62-296.410(3)(a), F.A.C.]

B.8. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.

2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 per cent opacity, except that an opacity of 40 per cent is permissible for not more than two minutes per hour) opacity shall be computed as follows:

Condition B.8. Continued:

a. For the basic part of the standard (i.e., 20 percent opacity (the opacity shall be determined as specified above for single-valued opacity standard.

b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.

[Rules 62-204.800 F.A.C.; and Appendix A of 40 CFR 60; Rule 62-297.401(9)(c) F.A.C]

B.9. DEP Method 9- Required Sampling Time. The required minimum period of observation for each compliance test shall be sixty (60) minutes or, if the operation is normally completed in less than 60 minutes and does not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

[Rules 62-297.310(4)(a)2 and (4)(a)2.a., F.A.C.]

B.10. Compliance Test Procedures. Compliance test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C.

[Rule 62-296.410(3)(c), F.A.C.]

B.11. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit.

[Rule 62-297.310, F.A.C.]

RECORDKEEPING AND REPORTING REQUIREMENTS

B.12. Volatile Organic Compounds (VOC) emissions shall be recorded monthly in tons and reported annually.

[Air Construction Permit 1230033-002-AC]

SECTION IV. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

Appendix A, Glossary.
Appendix U, List of unregulated Emissions Units and/or Activities.
Appendix I, List of Insignificant Emissions Units and/or Activities.
Appendix RR, Facility-wide Reporting Requirements.
Appendix TR, Facility-wide Testing Requirements.
Appendix TV, Title V General Conditions.
Appendix CAM, Compliance Assurance Monitoring Plan

Appendix H-1, Permit History
Table 1, Summary of Air Pollutant Standards and Terms.
Table 2, Summary of Compliance Requirements.

DRAFT/PROPOSED