Rock Tenn CP, LLC
Jacksonville Mill
Facility ID No.: 0310067
Duval County

Title V Air Operation Permit Renewal

FINAL Permit Project No.: 0310067-010-AV
Renewal of Title V Air Operation Permit No. 0310067-006-AV

Permitting Authority:
Department of Environmental Protection
Northeast District Air Program
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Jacksonville, Florida 32256-7590
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Ed Ball Building 214 North Hogan Street, 7th Floor
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Title V Air Operation Permit Renewal
Permit No. 0310067-010-AV

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FINAL PERMIT

PERMITTEE:
Rock Tenn CP, LLC
P.O. Box 2000
Fernandina Beach, Florida 32035

Permit No. 0310067-010-AV
Jacksonville Mill
Facility Id No. 0310067
Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V air operation permit for the above referenced facility. The existing Jacksonville Mill is located in Duval County at 9469 East Port Road, Jacksonville, Duval County; UTM Coordinates: Zone 17, 442.4 km East and 3365.4 km North; Latitude: 30°25'15" North and Longitude: 81°36'00" 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: October 25, 2011
Renewal Application Due Date: March 14, 2016
Expiration Date: October 25, 2016

Christopher L. Kirts., P. E.
District Air Program Administrator

CLK: lm

Subsection A. Facility Description.

This facility is a paper mill manufacturing linerboard, medium and bag paper from Old Corrugated Containers (OCC) recycled pulp. The facility also utilizes bleached virgin pulp as an alternative raw material in its products.

Emissions Units 022, 023, and 026 identify external combustion package boilers No. 1, 2, and 3. Air emissions from all the boilers are vented out through one common stack. Each boiler consists of low NOx burners and flue gas recirculation system to control NOx emissions. There are also, Three emergency engines.

Each of the boilers is sized to provide up to 150,000 pounds per hour of process steam to the facility. Rock Tenn CP, LLC is permitted to produce up to 450,000 pounds/hour of total steam from all three package boilers. This allows a maximum firing rate of 645 MMBtu/hr total for three package boilers when the Cedar Bay Cogeneration Project (CBCP) facility is shutdown or operating at reduced rates. In addition, Rock Tenn CP, LLC is limited to total steam consumption of 640, 000 pounds/hour.

Subsection B. Summary of Emissions Units.

E.U. ID No.	Brief Description
-022	Natural Gas/No. 2 Fuel Oil Fired Package Steam Boiler No. 1
-023	Natural Gas/No. 2 Fuel Oil Fired Package Steam Boiler No. 2
-026	Natural Gas/No. 2 Fuel Oil Fired Package Steam Boiler No. 3
-036	Cummins Diesel Fire Pump
-037	Caterpillar Emergency Clarifier Lift Pump Generator
-038	Kohler Powerhouse Emergency Generator

Unregulated Emissions Units and/or Activities:

E.U. ID No.	Brief Description
-xxx	Paper Machine Area *
-xxx	Fugitive Emissions (Facility-wide)*

* Refer to Appendix U-1, List of Unregulated Emissions Units and/or Activities for the emission points associated with these Unregulated Emissions Units.

Subsection C. Applicable Regulations.

Based on the Title V air operation permit renewal application received April 27, 2011, this facility is a major source of hazardous air pollutants (HAP). Because this facility operates stationary reciprocating internal combustion engines, it is subject to regulation under 40 CFR 63, Subpart ZZZZ, - National Emissions Standards For Hazardous Air Pollutants For Stationary Reciprocating Internal Combustion Engines. However, since the engines being operated meet the Subpart ZZZZ definition of "existing Units," there are no unit specific applicable requirements that must be met pursuant to this rule at this time.

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 60, Subpart A, NSPS General Provisions 40 CFR 60, Subpart Db	022, 023 and 026
40 CFR 61, Subpart M for Asbestos	Facility
40 CFR 63, Subpart A, NESHAP General Provisions 40 CFR 63, Subpart ZZZZ	Emergency Engines
State Rule Citations (62-4, 62-210, 62-212, 62-213, 62-296, 62-297, BACT)	Facility

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. Not federally Enforceable. 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.]

FW3. 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.

FW4. General Visible Emissions. 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. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b)1, F.A.C.]

FW5. [Not federally enforceable.] 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. Maintenance and washing of paved areas as needed.
b. Limiting access to plant property by unnecessary vehicles.
c. Sweeping of storage areas for large particulate as needed.

[Rule 62-296.320(4)(c), F.A.C.; and Proposed by applicant in the initial Title V permit application received 05-28-96]

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]

FW10. National Emission Standard for Asbestos (NESHAP). As required by 40 CFR 61, Subpart M potentially applies to demolition and renovation projects where asbestos must be removed from the facility.
[40 CFR 61, Subpart M]

FW11. When MACT standard(s) for the pulp and paper facilities are promulgated, this facility shall comply with all the applicable requirements within the time period provided by the federal regulation promulgating the MACT standards.
[Rule 62-213.440(1), F.A.C, 11/06/98 Golder & Associates Letter].

FW12. Any specific conditions of this permit identified as "Not Federally Enforceable" are included in the permit shield.
[11/06/98 Golder & Associates Letter]

FW13. [Not federally enforceable]: The facility shall 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].

FW14. Not federally enforceable]: The facility shall be subject to JEPB Rule 2, Parts I through VII, and Parts IX through XIII.

Subsection A. Emissions Units 022, 023 and 026

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

E.U. ID No.	Brief Description
022	Package Steam Boiler No. 1
023	Package Steam Boiler No. 2
026	Package Steam Boiler No. 3

Emissions Unit 022, 023, and 026 identify the three external combustion package steam boilers: Manufacturer ABB- Combustion Engineering Package Steam Boiler, Model No. 93104-20. The initial startup date for these EUs was March 3, 1994. Each boiler has the capability of firing either natural gas or No. 2 fuel oil with a sulfur content not to exceed 0.05% by weight. Emissions from the 3 boilers are vented through one common stack. Control Equipment- Flue Gas Recirculation and Low NOx Burners. CAM requirements are not applicable.

{Permitting note(s): These emissions unit(s) are regulated under: NSPS - 40 CFR Part 60 Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, and BACT Determination dated July 7, 1993 and March 9, 2000, adopted and incorporated by reference in Rule 62-204.800, F.A.C.}

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum allowable heat input rate is as follows:

EU No.	MMBtu/hr Heat Input
022, 023 and 026	The maximum heat input rate for each boiler shall neither exceed 215 MMBtu per hour when firing natural gas nor 200 MMBtu per hour when firing No. 2 fuel oil. **See Specific Condition A.2.**

[Rules 62-4.160(2), 62-204.800, 62-210.200(PTE), and Permit No. Construction Permit 0310067-004-AC/PSD-FL-252]

A.2. Methods of Operation. Fuel(s). Natural gas shall be the primary fuel fired in these emissions units. No. 2 fuel oil with a sulfur content not to exceed 0.05% by weight shall be used as a secondary fuel in these emissions units.
[Rule 62-213.410, F.A.C.; Construction Permit 0310067-004-AC/PSD-FL-252]

A.3. Hours of Operation. These emissions units are allowed to operate continuously, i.e., 8,760 hours/year.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; Construction Permit 0310067-004-AC/PSD-FL-252]

A.4. **Permitted Capacity**. In accordance with the terms of the Cedar Bay Cogeneration Project (CBCP) site certification, Rock Tenn CP, LLC is permitted to produce up to 450,000 lbs/hr total steam for all three package boilers. This allows a maximum firing rate of 645 MMBtu/hr for all three package boilers when the CBCP facility is shutdown or operating at reduced rates. In addition, SSCC is limited to 640,000 lb/hr total steam consumption.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; Construction Permit 0310067-004-AC/PSD-FL-252; Construction Permit 0310067-007-AC/PSD-FL-252A]

Control Technology

A.5. Control Equipment- Flue Gas Recirculation and Low NOx Burners.

Emission Limitations and Standards

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, 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 time(s) for Specific Condition(s) **A.6.- A.8.** are based on the specified averaging time of the applicable test method.

A.6.a. **Visible Emissions Limits.**

1. Visible Emissions shall not exceed 5% Opacity when firing natural gas.
2. Visible Emissions shall not exceed 10% Opacity when firing No. 2 fuel oil.

[BACT Determination dated July 7, 1993; Construction Permit 0310067-004-AC/PSD-FL-252]

A.6.b. **Visible Emissions Limits.** No owner or operator of an affected facility that can combust **oil**, shall cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

[40 CFR 60.43b(f)]

A.7.a. **Sulfur Dioxide Emissions Limit.** Annual Sulfur dioxide emissions from No.2 fuel oil firing, totaling all three boilers, shall not exceed 25 tons/year. In the event this limit is expected to be exceeded due to unavailability of natural gas caused by factors beyond the control of Rock Tenn CP, LLC, the sulfur dioxide emissions shall not exceed 41 tons/year.
[BACT Determination dated July 7, 1993; Construction Permit 0310067-004-AC/PSD-FL-252]

A.7.b. **Sulfur Dioxide Emissions Limit Very Low Sulfur Oil**. The owner or operator of an affected facility combusting very low sulfur oil shall demonstrate that the oil meets the definition of very low sulfur oil by: (1) Following the performance testing procedures as described in §60.45b(c) or §60.45b(d), **and** following the monitoring procedures as described in §60.47b(a) **or** §60.47b(b) to determine SO_2emission rate or fuel oil sulfur content; **or** (2) maintaining fuel records as described in §60.49b(r).

The SO_2emission standards in §60.42b apply at all times.

[40 CFR 60.42b(j)(2); and 40 CR 60.45b(a)]

A.8. **Nitrogen Oxide (NO_x) Emissions Limit.** NO_x emissions shall not exceed 0.2 lb/MMBtu on a 30-day rolling average basis. Equivalent emissions are 34.94 pounds per hour on a 30-day rolling average basis, and 153.1 tons per year per boiler. Total annual NO_x emissions from the three package boilers, in accordance with the terms of the CBCP site certification, shall not exceed 310 tons per year.
[40 CFR 60.44b(a); Rule 62-204.800; Construction Permit 0310067-004-AC/PSD-FL-252; Construction Permit 0310067-007-AC/PSD-FL-252A]

Excess Emissions

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

A.9. **Excess Emissions Allowed**. Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and 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. [Rule 62-210.700(1), F.A.C.]

A.10. **Excess Emissions Prohibited**. 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. [Rule 62-210.700(4), F.A.C.]

A.11. **Excess Emissions**. In case of excess emissions resulting from malfunctions, owner or operator shall notify the Department or the appropriate local program in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunction shall be submitted in a quarterly report, if requested by the Department.
[Rule 62-210.700(6), F.A.C.]

A.12. Excess Emissions. Excess emissions resulting from boiler cleaning (soot blowing) and load change shall be permitted provided the duration of such emissions shall not exceed 3 hours in any 24-hour period and the visible emissions shall not exceed Number 3 Ringelmann Chart (60 percent opacity), and provided (1) best operational practices to minimize emissions are adhere to and (2) the duration of the excess emissions shall be minimized.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup and shutdown, which exceed 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.

Visible emission above 60 percent opacity shall be allowed for not more than 4, six-minute periods, during the 3-hour period of excess emissions allowed, for boiler cleaning and load changes, at unit which have installed and are operating, or have committed to install or operate, continuous opacity monitors.

Particulate matter emissions shall not exceed an average of 0.3 lbs per million BTU heat input during the 3-hour period of excess emissions.

[Rule 62-210.700(3), F.A.C.]

Monitoring of Operations

A.13. Fuel/Steam Flow. The natural gas, No. 2 fuel oil, and the steam flows (from both the package boilers and from the CBCP facility) shall be metered and continuously recorded.

[Construction Permit 0310067-004-AC/PSD-FL-252]

Continuous Monitoring Requirements

A.14. NO_x CEMS. The NO_x continuous monitoring system shall be operated and data recorded during all periods of operation of the emissions units except for continuous monitoring system breakdowns and repairs. Data is recorded during calibration checks, and zero and span adjustments.

[40 CFR 60.48b(c)]

A.15. NO_x CEMS. When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Reference Method 7, Reference Method 7A, or other approved referenced methods to provide emissions data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

[40 CFR 60.48b(f)]

A.16. NO_x CEMS. The 1-hour average nitrogen oxides emissions rates measured by the continuous nitrogen oxides monitor shall be expressed in nanograms per joule or lb./million Btu heat input and shall be used to calculate the average emission rates under 40 CFR 60.44b. The 1-hour averages shall be calculated using the data points required under 40 CFR 60.13(b). At least two data points musts be used to calculate each 1-hour average.

[40 CFR 60.48b(d)]

A.17 . NO_x CEMS. The continuous monitoring systems shall be evaluated and operated in accordance with the procedures stated at 40 CFR 60.13.
[40 CFR 60.48b(e)]

A.18. NO_x CEMS. The span value for nitrogen oxides is determined as follows:

Fuel	Span values for nitrogen oxides (PPM)
Natural gas	500
Oil	500
Combination	500(x +y)

where:

x is the fraction of total heat input derived from natural gas; and,

y is the fraction of total heat input derived from oil.

All span values computed for burning combinations of regulated fuels are rounded to the nearest 500 ppm.
[40 CFR 60.48b(e)(2); 40 CFR 60.48b(e)(3)]

A.19. NO_x CEMS. The owner or operator of an affected facility which has a heat input capacity of 73 MW (250 million Btu/hour) or less, and which has annual capacity factor for residual oil having a nitrogen content of 0.30 weight percent or less, natural gas, distillate oil, or any mixture of these fuels, greater than 10 percent (0.10) shall:

(1) Comply with the provisions of 40 CFR 60.48b(b), (c), (d), (e)(2), e(3), and (f), or

(2) Monitor steam generating unit operating conditions and predict nitrogen oxides emission rates as specified in a plan submitted pursuant to 40 CFR 60.49b(c).
[40 CFR 60.48b(g)(1) and (2)]

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.20. 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.21. Nitrogen Oxide (NO_x). Compliance shall be determined on a continuous basis with continuous emissions monitoring system (CEMs). The nitrogen oxide standards shall apply at all times including periods of startup, shutdown, or malfunction. Compliance with the emission limits shall be determined on a 30-day rolling average basis. A new 30-day rolling average emission rate is calculated for each steam generating unit operating days as the average of all of the hourly nitrogen oxides emission data for the preceding 30 steam generating unit operating days.
[40 CFR 60.46b(a) & (e)(4); 40 CFR 60.48b(b), 40 CFR 60.44b(h) & (i)]

A.22.a. Sulfur Dioxide. A stochiometric quantification for sulfur dioxide emissions shall be utilized using the actual density and sulfur weight percent and the quantity of No. 2 fuel oil fired monthly.
[Construction Permit 0310067-004-AC/PSD-FL-252]

A.22.b. Sulfur Dioxide. The owner or operator of an affected facility who elects to use the fuel based compliance alternatives in §60.42b or §60.43b shall either:

(1) The owner or operator of an affected facility who elects to demonstrate that the affected facility combusts only very low sulfur oil, natural gas, wood, a mixture of these fuels, or any of these fuels (or a mixture of these fuels) in combination with other fuels that are known to contain an insignificant amount of sulfur in §60.42b(j) or §60.42b(k) shall obtain and maintain at the affected facility fuel receipts from the fuel supplier that certify that the oil meets the definition of distillate oil and gaseous fuel meets the definition of natural gas as defined in §60.41b and the applicable sulfur limit. For the purposes of this section, the distillate oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Reports shall be submitted to the Administrator certifying that only very low sulfur oil meeting this definition, natural gas, wood, and/or other fuels that are known to contain insignificant amounts of sulfur were combusted in the affected facility during the reporting period; or

(2) The owner or operator of an affected facility who elects to demonstrate compliance based on fuel analysis in §60.42b or §60.43b shall develop and submit a site-specific fuel analysis plan to the Administrator for review and approval no later than 60 days before the date you intend to demonstrate compliance. Each fuel analysis plan shall include a minimum initial requirement of weekly testing and each analysis report shall contain, at a minimum, the following information:

(i) The potential sulfur emissions rate of the representative fuel mixture in ng/J heat input;

(ii) The method used to determine the potential sulfur emissions rate of each constituent of the mixture. For distillate oil and natural gas a fuel receipt or tariff sheet is acceptable;

(iii) The ratio of different fuels in the mixture; and

(iv) The owner or operator can petition the Administrator to approve monthly or quarterly sampling in place of weekly sampling.

[40 CFR 60.49b(r)]

A.23. **Annual Compliance Tests Required**. The test method for visible emissions shall be EPA Method 9, incorporated and adopted in Chapter 62-297, F.A.C. Testing shall be performed annually during each federal fiscal year (September 30-October 1) in which the three package boilers have operated or are projected to operate a total of 400 hours or more.
[Construction Permit 0310067-004-AC/PSD-FL-252, 11/06/98 Golder & Associates Letter; 01/19/99 Golder & Associates Letter].

A.24. **Excess Emissions**. A compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emission unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator unit does not burn liquid and/or solid fuel for more than 400 hours other than during startup.
[Rule 62-297.310(7)(a)2., F.A.C.]

Recordkeeping and Reporting Requirements

A.25. **Other Reporting Requirements**. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

A.26. **Fuel/Steam Flow.** The data required by **Specific Condition A.13.** shall be logged daily and maintained so that it can be provided to the Department upon request.
[Construction Permit 0310067-004-AC/PSD-FL-252]

A.27.a. **Very Low Sulfur Oil**. The owner or operator of an affected facility that only combusts very low sulfur oil, natural gas, or a mixture of these fuels with any other fuels not subject to an SO_2standard is not subject to the compliance and performance testing requirements of this section if the owner or operator obtains fuel receipts as described in §60.49b(r).

[40 CFR 60.45b(j)]

A.27.a. **Very Low Sulfur Oil**. Fuel receipts, from the fuel supplier, of the No. 2 fuel oil delivered shall be obtained and maintained which certifies that the oil meets the definition of very low sulfur oil and distillate oil as follows:

Very Low Sulfur Oil - Oil that contains no more than 0.5 weight percent sulfur or that, when combusted without sulfur dioxide emission control, has a sulfur dioxide emission rate equal to or less than 0.5 lb/MMBtu heat input.

Distillate Oil - Fuel oil that complies with the specifications for fuel oil numbers 1 and 2 defined in ASTM D396-78.

Such receipts shall also contain a laboratory analysis which quantifies the density and percent sulfur content, by weight.
[Rule 40 CFR 60.49b(r); 40 CFR 60.41b; 40 CFR 60.17; Construction Permit 0310067-004-AC/PSD-FL-252]

A.28. **Fuel.**

1. Reports certifying that only No. 2 fuel oil meeting the definitions stated in **Specific Condition A.27.** was combusted in the package boilers shall be submitted to the City of Jacksonville Environmental Quality Division (EQD)on a quarterly basis.

2. The firing of any fuel oil and its associated SO_2 emissions shall be quantified on a monthly and per boiler basis and submitted to EQD by the end of the month following the end of each quarter.

3. Quarters are defined as January - March, April - June, July - September, and October - December. The final quarterly report shall include the total amount of the fuel oil fired and the SO_2 emissions for the calendar year quantified on a per boiler basis.

[Construction Permit 0310067-004-AC/PSD-FL-252]

A.29. SO_2.

1. Rock Tenn CP, LLC shall notify the Department in the event that it is anticipated that the 25 ton/year SO_2 limit stated in **Specific Condition A.7.a** will be exceeded. The notice shall include a statement or reasons for the request and supporting documentation. Rock Tenn CP, LLC shall publish the notice (without the supporting documentation), in a newspaper of general circulation in Jacksonville, Florida, as defined in Section 403.5115(2), F.S. The filing and publication of the notice no later than 7 days following the date of exceedance, shall preclude any finding of violation by the Department until final disposition of any administrative proceedings.

2. SO_2 emissions during periods of natural gas curtailment shall not be counted against the sulfur dioxide limit of 25 ton/year unless administrative proceedings result in a finding that the exceedance was within Smurfit-Stone Container Enterprises, Inc's control.

[Construction Permit 0310067-004-AC/PSD-FL-252]

A.30. **Excess Emissions (**NSPS). Submit excess emission reports for any excess emissions that occurred during the reporting period opacity standards in §60.43b(f) . For purposes of §60.43b, excess emissions are defined as all 6-minute periods during which the average opacity exceeds the opacity standards under §60.43b(f).

[40 CFR 60.49b(h)]

A.31. **Excess Emissions (**NSPS). Submit excess emission reports for any excess emissions that occurred during the reporting period for NO_Xstandard of §60.44b. For purposes of §60.48b(g)(1), excess emissions are defined as any calculated 30-day rolling average NO_Xemission rate, as determined under §60.46b(e), that exceeds the applicable emission limits in §60.44b.
[40 CFR 60.49b(h)]

E.U. ID No.	Brief Description of Engine	Year Built	Displacement or Horsepower	Rule Applicability
-036	Cummins Diesel Fire Pump	2002	243 BHP	ZZZZ
-037	Caterpillar Emergency Clarifier Lift Pump Generator	1974	250 KW	ZZZZ
-038	Kohler Powerhouse Emergency Generator	1955	35 KW	ZZZZ

{Permitting note(s): These emissions unit(s) are regulated under: 40 CFR 63, Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.}

These stationary internal combustion engines have been exempted from the requirement to obtain an air construction permit because they qualify for one of the categorical exemptions listed in Rule 62-210.300(3)(a), Florida Administrative Code (F.A.C.). However, they are included in this permit as regulated emissions units because they are subject to the above federal rule.

SECTION IV. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

Appendix A, Glossary.

Appendix I, List of Insignificant Emissions Units and/or Activities.
Appendix ICE, Requirements for Internal Combustion Engines.
Appendix NESHAP, Subpart A – General Provisions.
Appendix NESHAP, ZZZZ.
Appendix NSPS, Subpart A – General Provisions.
Appendix NSPS, Subpart Db.
Appendix RR, Facility-wide Reporting Requirements.
Appendix TR, Facility-wide Testing Requirements.
Appendix TV, Title V General Conditions.
Appendix U, List of Unregulated Emissions Units and/or Activities.