Permittee:
Packaging Corporation of America
659 Eastport Road
Jacksonville, FL 32218-3913

Permit Number: 0310069-004-AO
Facility ID Number: 0310069
SIC Number: 2653
Project: 400 HP Superior Boiler

This permit is for the operation of a 400 HP Superior Boiler. The facility is located at 659 Eastport Road, Jacksonville, Duval County, FL 32218; UTM Coordinates: Zone 17, 439.89 km East and 3368.42 km North; Latitude: 30° 26' 47" North and Longitude: 81° 37' 34" West.

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297 Florida Administrative Code (F.A.C.). The permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents, attached hereto or on file with the Environmental and Compliance Department, Environmental Quality Division (Permitting Authority) in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:
Best Available Control Technology (BACT) Determination

Renewal Application Due Date: **January 31, 2016**
Expiration Date: **March 31, 2016**

Environmental and Compliance Department
Environmental Quality Division

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

RSP/CBJ

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Section I. Facility Information

Subsection A. Facility/Project Description

This permit is for the operation of a 400 HP Superior boiler fired on natural gas with No. 2 fuel oil as a backup fuel. The facility is a corrugated fiberboard container manufacturing plant.

The facility is a natural non-Title V source of air pollution because the potential emissions of regulated air pollutants are less than 100 tons per year pursuant to Chapter 62-210, F.A.C., and Rule 2.301, Jacksonville Environmental Protection Board (JEPB).

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

EU No.	EU Description
003	400 HP Superior Boiler

Subsection C. Relevant documents

Permit No.: 0310069-003-AO
Air operating permit application received February 18, 2011

Section II. Facility Wide Conditions

Subsection A. General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Permitting Authority 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 processes 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 Permitting Authority.

3. As provided in subsections 403.987(6) and 403.722(5), F.S., 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 Permitting Authority 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 acknowledgment of title, and 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 Permitting Authority rules, unless specifically authorized by an order from the Permitting Authority.

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 Permitting Authority 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 Permitting Authority rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Permitting Authority 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 Permitting Authority 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 Permitting Authority 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 Permitting Authority for penalties or for 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 Permitting Authority may be used by the Permitting Authority as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Permitting Authority rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. 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 Permitting Authority 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 Permitting Authority rules.

11. This permit is transferable only upon Permitting Authority approval in accordance with Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Permitting Authority.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:
    (X) Determination of Best Available Control Technology (BACT)
    ( ) Determination of Prevention of Significant Deterioration (PSD)
    (X) Compliance with New Source Performance Standards (NSPS)

14. The permittee shall comply with the following:
    a. Upon request, the permittee shall furnish all records and plans required under Permitting Authority rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Permitting Authority.
    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 the 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 Permitting Authority 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 Permitting Authority, 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 the relevant facts were not submitted or were incorrect in the permit application or in any report to the Permitting Authority, such facts or information shall be corrected promptly.

[Rule 62-4.160, F.A.C., and Rule 2.1401, JEPB]

Subsection B. Specific Conditions

1. The permittee shall not operate, maintain, perform construction, expand, or modify this facility without an appropriate and valid air permit issued by the Permitting Authority.
   [Rule 62-4.030, F.A.C., and Rule 2.1401, JEPB]

2. The permittee shall submit a desired revision to an air permit or application and receive the approval of the Permitting Authority prior to implementation.
   [Rule 62-4.080(2), F.A.C., and Rule 2.1401, JEPB]

3. The permittee shall submit an "Application for Non-Title V Air Permit Renewal" (DEP Form 62-210.900(4)) to the Permitting Authority no later than sixty (60) days before the expiration of this permit.
   [Rule 62-4.090, F.A.C., and Rule 2.1401, JEPB]

4. The permittee shall submit an "Application for Transfer of Air Permit" (DEP Form 62-210.900(7)) to the Permitting Authority within 30 days after the sale or legal transfer of a permitted facility. The application must be completed with the notarized signatures of both the permittee and the proposed new permittee.
   [Rule 62-4.120, F.A.C., and Rule 2.1401, JEPB]

5. The permittee shall immediately notify the Permitting Authority if the permittee is unable to comply with any of the conditions of this air permit.
[Rule 62-4.130, F.A.C., and Rule 2.1401, JEPB]

6. The owner or operator of any proposed new, reconstructed, or modified facility, emissions unit, or pollution control equipment shall obtain an air construction permit prior to the beginning of construction, reconstruction or modification of the facility, emissions unit or the addition of air pollution control equipment.
[Rule 62-210.300(1)(a), F.A.C., and Rule 2.301, JEPB]

7. The permittee shall obtain a renewal air operation permit, an initial air operation permit, or a revision of an existing air operation permit, whichever is appropriate, prior to the expiration of the air operation permit for an existing facility or emissions unit or subsequent to construction, reconstruction or modification of a facility or emissions unit and demonstration of compliance with the conditions of an air construction permit.
[Rule 62-210.300(2), F.A.C., and Rule 2.301, JEPB]

8. The permittee shall notify the Permitting Authority in writing of minor corrections or amendments to information contained in an air permit. Such minor corrections or amendments shall include:
   (a) Typographical errors noted in the permit
   (b) Name, address or phone number change from that in the permit
   (c) A change requiring more frequent monitoring or reporting by the permittee
   (d) A change in ownership or operational control of a facility
[Rule 62-210.360, F.A.C., and Rule 2.301, JEPB]

9. The permittee shall not 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 Permitting Authority.
[Rule 62-296.320(1), F.A.C., and Rule 2.1101, JEPB]

10. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C., and Rule 2.1101, JEPB]

11. The permittee shall conduct emission testing with the EU operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the air permit. If it is impractical to test at permitted capacity, then the 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, operation at higher capacities is allowed for no more than 15 consecutive days solely for the purposes of additional compliance testing to regain the permitted capacity in the air permit.
[Rule 62-297.310(2), F.A.C., and Rule 2.1201, JEPB]

12. The permittee shall provide stack sampling facilities, upon Permitting Authority request, with a method of access that is safe and readily accessible in accordance with OSHA standards (29CFR1910, Subparts D and E). Permanent sampling facilities are not required.
[Rule 62-297.310(6), F.A.C., and Rule 2.1201, JEPB]

13. The permittee shall notify the Permitting Authority at least fifteen (15) days prior to EU compliance testing.
[Rule 62-297.310(7)(a)9, F.A.C, and Rule 2.1201, JEPB]

14. The permittee shall file a report with the Permitting Authority on the results of each compliance test as soon as practical but no later than forty-five (45) days after completion of testing.
[Rule 62-297.310(8), F.A.C., and Rule 2.1201, JEPB]

15. This facility is subject to Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 365 [Hazardous Regulated Substance Program], and Chapter 376 [Odor Control] of the Ordinance Code of the City of Jacksonville, Title X; and Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice], and Rule 2 [Air Pollution Control], Part Numbers I through IV and Part Numbers X through XIV, JEPB.

16. The permittee shall submit all compliance related notifications and reports required by this air permit to:

Environmental and Compliance Department
Environmental Quality Division
407 North Laura Street, Third Floor
Jacksonville, FL 32202
Telephone: (904) 255-7100
Fax: (904) 588-0518

Section III. Emission Units and Conditions

Emission Unit 003 - Boiler

Emission Unit Description - 400 HP Superior Boiler, Model Number (M/N) 6-X-2000-S200-ICCF-GA2

Control Device - None

Essential Potential to Emit (PTE) Parameters

1. The maximum heat input shall not exceed 17.5 x 10^6 Btu per hour for natural gas or No. 2 fuel oil.
[Rule 62-210.200, (PTE), and Rule 2.301, JEPB]

2. The primary fuel shall be natural gas with No. 2 fuel oil as a backup fuel. The maximum No. 2 fuel oil firing rate shall not exceed 125 gallons per hour per applicant's request.
[Rule 62-210.200, (PTE), and Rule 2.301, JEPB]

3. This emission unit is allowed to operate continuously, i.e. 8,760 hours/year.
[Rule 62-210.200, (PTE), and Rule 2.301, JEPB]

Emission Limitations and Standards

4. This EU is subject to the applicable sections of 40CFR60, Subpart A, General Provisions, and 40CFR60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

5. Visible Emissions (VE) shall not exceed twenty (20) percent opacity except for one six-minute period per hour during which opacity shall not exceed 27 percent.
[Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

6. Sulfur dioxide (SO_2) and Particulate Matter (PM) emissions shall be controlled in accordance with the Best Available Control Technology (BACT) determination. The sulfur content of the No. 2 fuel oil shall not exceed 0.05%, by weight.
[Rule 62-296.406(2) & (3), F.A.C., Rule 2.1101, JEPB, and BACT Determination]

Test Methods and Procedures

7. Testing for demonstration of compliance of No. 2 fuel oil sulfur content shall be performed with each delivery of No. 2 fuel oil in accordance with 40CFR60.44c(h) and 40CFR60.48c(f)(1). The supplier certification shall contain the following information:
   (i) The name of the oil supplier;
   (ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40CFR60.41c; and
   (iii) A statement from the oil supplier that the sulfur content of the oil does not exceed 0.05% by weight).
   [Rule 62-204.800(8)(b)4, F.A.C., and Rule 2.201, JEPB]

8. Testing for demonstration of compliance of VE shall be performed annually from the date of February 1, 2011 in accordance with Environmental Protection Agency (EPA) Reference Method (RM) 9 (as described in 40CFR60, Appendix A) for the visual determination of opacity. Testing shall be conducted for a minimum period of 60 minutes while firing No. 2 fuel oil.
   [Rule 62-297.310(4)(a)2., F.A.C., and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

9. Reports and recordkeeping shall be in accordance with the applicable provisions of 40CFR60.48c, 40CFR63.10, and 40CFR63.11225. Records shall be maintained for a minimum of five (5) years and made available to the Permitting Authority upon request.
   [Rule 62-204.800(8)(b)4 and 62-204.800(11)(d)1, F.A.C., and Rule 2.201, JEPB]