

ENVIRONMENTAL AND COMPLIANCE DEPARTMENT



Permittee:

Fruit Growers Express Company
2565 West 5th Street
Jacksonville, FL 32254-2066

Final Permit Number: 0310316-005-AF

Facility ID Number: 0310316

SIC Number: 4789

Project: Jacksonville Maintenance Facility

This Federally Enforceable State Operating Permit (FESOP) is for the operation of the Jacksonville Maintenance Facility. This facility is located at 2565 West 5th Street, Jacksonville, Duval County, FL 32254; UTM Coordinates: Zone 17, 432.80 km East and 3358.30 km North; Latitude: 30° 21' 23" North and Longitude: 81° 41' 57" 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 above named 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.

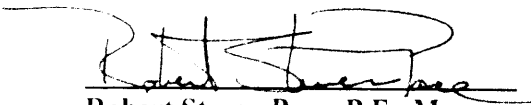
Renewal Application Due Date:

November 30, 2015

Expiration Date:

January 31, 2016

**Environmental and Compliance Department
Environmental Quality Division**



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

RSP/CBJ

Section I. Facility Information

Subsection A. Facility/Project Description

This facility consists of abrasive blasting operations, a paint spray booth, and a woodworking shop. Rail cars are processed through abrasive blasting and surface coating operations. The interior and exterior rail car blasting operations are performed in blast booths, while the door panels are processed in booths and in open air. All surface coating operations are performed in a booth.

The facility is a synthetic Non-Title V source of air pollution because the federally enforceable operational limit assumed by the owner will keep the potential emissions of regulated air pollutants to less than 100 tons per year and the potential emissions of Hazardous Air Pollutants (HAP) to less than 10 tons per year for a single HAP and less than 25 tons per year for total HAPs pursuant to Rule 62-210.200(297), F.A.C., and Rule 2.301, Jacksonville Environmental Protection Board (JEPB).

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

| <u>EU No.</u> | <u>EU Description</u> | <u>Control Device</u> |
|---------------|-----------------------------------|---|
| 001 | Steel Shot Blast Booth | Pangborn Bag Collector Model No. 312 CT-2 |
| 002 | Paint Spray Booth | Dry filter pads for paint overspray |
| 003 | Garnet Grit Blast Booth | BCP Standard Model JPF 272 Fabric Filter |
| 004 | Open Air Abrasive Blast Operation | None |

Subsection C. Relevant documents

Title V Air Operation Permit No. 0310316-004-AF
Air operating permit application received December 29, 2010

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 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 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 Department.
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 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 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 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 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 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, 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 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, 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 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)
 - () 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 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 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 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 dates 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 the 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, F.A.C., and Rule 2.1401, JEPB]

Subsection B. Specific Conditions

1. Any revision to an air permit or application shall be submitted to and approved by the Permitting Authority prior to implementation.
[Rule 62-4.080(2), F.A.C., and Rule 2.1401, JEPB]
2. Prior to sixty (60) days before the expiration of this permit, the permittee shall apply for renewal of the permit using form 62-210.900(4). If the application is submitted prior to the days specified above before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been acted upon by the Department.
[Rule 62-4.090, F.A.C., and Rule 2.1401, JEPB]

3. Within 30 days after the sale or legal transfer of a permitted facility, an "Application for Transfer of Air Permit" (DEP Form 62-210.900(7)) shall be submitted to the Permitting Authority. 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]
4. The permittee shall immediately notify the Permitting Authority if the permittee is temporarily unable to comply with any of the conditions of an air permit. Notification shall include pertinent information as to the cause of the problem and what steps are being taken to correct the problem and prevent its recurrence. Such notification does not release the permittee from any liability for failure to comply with any air permit conditions.
[Rule 62-4.130, F.A.C., and Rule 2.1401, JEPB]
5. 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. The air construction permit shall be issued for a period of time sufficient to allow construction, reconstruction or modification of the facility or emissions unit or addition of the air pollution control equipment; and operation while the owner or operator of the new, reconstructed or modified facility or emissions unit or the new pollution control equipment is conducting tests or otherwise demonstrating initial compliance with the conditions of the air construction permit.
[Rule 62-210.300(1)(a), F.A.C., and Rule 2.301, JEPB]
6. 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]
7. The permittee shall submit an annual operation report to the Permitting Authority for this facility [DEP Form No. 62-210.900(5)] for each calendar year on or before April 1 of the following year.
[Rule 62-210.370(3), FAC, and Rule 2.301, JEPB]
8. The permittee shall not circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.
[Rule 62-210.650, F.A.C., and Rule 2.301, JEPB]
9. The permittee shall not cause, let, permit, suffer, or allow, 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]
10. The permittee shall not 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 20 percent opacity.
[Rule 62-296.320(4)(b)1, F.A.C., and Rule 2.1101, JEPB]

11. The permittee shall not 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 include but are not limited to the following:

- a. Good industry standards and techniques to minimize fugitive PM emissions from open air abrasive blasting including abrasive blast nozzle control and minimizing operations during windy conditions.
- b. Application of water to unpaved roads and yard areas.
- c. Implement speed controls on both paved and unpaved roads and parking areas.
- d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- e. Confining abrasive blasting where possible.
- f. Other techniques as necessary.

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

12. Emission testing 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 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]

13. Stack sampling facilities shall be provided, 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]

14. 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]

15. 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]

16. The 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, Part Numbers I through IV and Part Numbers X through XIV [Air Pollution Control], JEPB.

17. The permittee shall submit all compliance related notifications and reports required by this 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. Emissions Unit(s) and Conditions

Emissions Unit 001 - Steel Shot Blast Booth

Emission Unit Description - Abrasive blasting of metal parts

Control Device - Pangborn Bag Collector Model No. 312 CT-2

Essential Potential to Emit (PTE) Parameters

1. This emissions unit is permitted to operate continuously, i.e., 8,760 hours per year.
[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]
2. The volumetric flow rate from this emissions unit is 42,000 cubic feet per minute.
[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

Emission Limitations and Standards

3. Particulate Matter (PM) emissions shall not exceed 0.03 gr/dscf, 10.8 pounds per hour, or 47.3 tons per year. Visible Emissions (VE) shall not exceed 5 percent opacity.
[Rule 62-296.712(2), F.A.C., and 2.1101, JEPB]

Test Methods and Procedures

4. All activities shall be performed as scheduled in accordance with the Operation and Maintenance Plan (Appendix O&M). Appendix O&M is part of this permit.
[Rule 62-296.700(6), F.A.C., and Rule 2.1101, JEPB]
5. Testing for demonstration of compliance for VE shall be performed in accordance with EPA Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-296.712(3)(a), F.A.C., and Rule 2.1101, JEPB]
6. Testing for demonstration of compliance for PM shall be performed, upon Permitting Authority request, in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for particulate matter. The minimum sample volume shall be thirty (30) dry standard cubic feet.
[Rule 62-296.712(3)(b), F.A.C., and Rule 2.1101, JEPB]
7. VE shall be tested at intervals of five (5) years from the date of August 1, 2010.
[Rule 62-297.310(7)(a)3, F.A.C., and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

8. All activities shall be recorded in accordance with the Operation and Maintenance Plan (Appendix O&M). Records of inspection, maintenance and performance parameter data shall be retained for a minimum of two years and shall be made available to the Permitting Authority upon request.
[Rule 62-296.700(6), F.A.C., and Rule 2.1101, JEPB]

Emissions Unit 002 - Paint Spray Booth

Emission Unit Description - Surface coating of rail cars - application of primers, paints, and solvents

Control Device - Dry filter pads for paint overspray

Essential Potential to Emit (PTE) Parameters

1. This emissions unit is permitted to operate continuously, i.e., 8,760 hours per year.
[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

Emission Limitations and Standards

2. Maximum facility wide emissions of volatile organic compounds (VOC) shall be less than 100 tons per year. Maximum facility wide emissions of Hazardous Air Pollutants (HAPs) shall be less than 10 tons per year for any single HAP and 25.0 tons per year for total HAPs in order to maintain emissions below the major source HAP threshold as defined in 40CFR63. All tons per year limits are based on a 12-month rolling total.
[Applicant's request, Rule 62-4.070(3), F.A.C., and Rule 2.1401, JEPB]
3. Quarterly reports shall be submitted to the Department describing the usage of solvents, coatings, and VOC/HAP contents and emissions. The quarterly reports shall be submitted by the 30th day of the following month after the end of each quarter (January to March, April to June, July to September, and October to December). The final quarterly report, which is due by the 30th of January for the quarter of October to December, shall include a synopsis of the preceding year.
[Rule 62-4.070(3), F.A.C., and Rule 2.1401, JEPB]
4. The spray booth shall not be operated unless all exhaust air passes through the dry filter.
[Rule 62-210.650, F.A.C., and Rule 2.301, JEPB]
5. Paints and primers (as applied) shall not exceed a maximum of 3.5 pounds of volatile organic compounds (VOC) per gallon of coating, excluding water.
[Rule 62-296.513(2)(a)2., F.A.C., and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance for VOC shall be performed annually in accordance with EPA Reference Method (RM) 24 (as described in 40CFR60, Appendix A).
[Rule 62-296.513(4), F.A.C. and Rule 2.1101, JEPB]
7. Manufacturers' data sheets showing VOC and HAP content may be substituted for VOC testing with the approval of the Department.
[Rule 62-296.500(2)(b)4, F.A.C., and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

8. Records shall be maintained on a monthly basis for the following:
 - a. Gallons of coating(s) applied
 - b. VOC content (lbs/gal) of coatings as applied
 - c. HAP content (lbs/gal) of coatings as applied
 - d. Gallons of solvent / thinner usage

- e. VOC content (lbs/gal) of solvent / thinner
- f. HAP content (lbs/gal) of solvent / thinner
- g. Total VOC emissions
- h. Total HAP emissions
- i. Individual HAP emissions

Records shall be retained for a minimum of two (2) years and made available to the Department upon request.

[Rule 62-296.500(2)(b)1, F.A.C., and Rule 2.1101, JEPB]

Emissions Unit 003 - Garnet Grit Blast Booth

Emissions Unit Description - Abrasive blasting of fabricated metal parts

Control Device - BCP Standard Model JPF 272 Dust Collector

Essential PTE Parameters

1. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.
[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]
2. The volumetric flow rate from this emissions unit is 30,000 cubic feet per minute.
[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

Emissions Limitations and Standards

3. Particulate Matter (PM) emissions shall not exceed 0.03 gr/dscf, 7.7 pounds per hour, or 33.8 tons per year. Visible Emissions (VE) shall not exceed 5 percent opacity.
[Rule 62-296.712(2), F.A.C., and 2.1101, JEPB]

Test Methods and Procedures

4. All activities shall be performed as scheduled in accordance with the Operation and Maintenance Plan (Appendix O&M). Appendix O&M is part of this permit.
[Rule 62-296.700(6), F.A.C., and Rule 2.1101, JEPB]
5. Testing for demonstration of compliance for VE shall be performed in accordance with EPA Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-296.712(3)(a), F.A.C., and Rule 2.1101, JEPB]
6. Testing for demonstration of compliance for PM shall be performed, upon Permitting Authority request, in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for particulate matter. The minimum sample volume shall be thirty (30) dry standard cubic feet.
[Rule 62-296.712(3)(b), F.A.C., and Rule 2.1101, JEPB]
7. VE shall be tested at intervals of five (5) years from the date of August 1, 2010.
[Rule 62-297.310(7)(a)3, F.A.C., and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

8. All activities shall be recorded in accordance with the Operation and Maintenance Plan (Appendix O&M). Records of inspection, maintenance and performance parameter data shall be retained for a minimum of two years and shall be made available to the Permitting Authority upon request.
[Rule 62-296.700(6), F.A.C., and Rule 2.1101, JEPB]

Emissions Unit 004 - Open Air Abrasive Blast Operation

Emissions Unit Description - Abrasive blasting of metal parts

Control Device - None

Essential PTE Parameters

1. The maximum process rate shall not exceed 1,000 pounds per hour, and 260 tons per year of abrasive blast media.
[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]
2. This emissions unit is allowed to operate a maximum of 520 hours per year.
[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

Emissions Limitations and Standards

3. Unconfined PM emissions shall be controlled by using reasonable precautions.
[Rule 62-296.320(4)(c), FAC, and Rule 2.1101, JEPB]
4. Reasonable precautions may include, but shall not be limited to the following:
 - a. Good industry standards and techniques to minimize fugitive PM emissions from open air abrasive blasting including abrasive blast nozzle control and minimizing operations during windy conditions.
 - b. Application of water to unpaved roads and yard areas.
 - c. Implement speed controls on both paved and unpaved roads and parking areas.
 - d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
 - e. Confining abrasive blasting where possible.
 - f. Other techniques as necessary.

[Rule 62-296.320(4)(c)2., F.A.C., and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

5. Records shall be maintained on a monthly basis for the following:
 - a. Abrasive blast media usage
 - b. Hours of operation for open air abrasive blasting
[Rule 62-296.700(6)(c), F.A.C. and Rule 2.1101, JEPB]
6. Records shall be retained for a minimum of two (2) years and made available to the Permitting Authority upon request.
[Rule 62-296.700(6)(e), FAC and Rule 2.1101, JEPB]