



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

RICK SCOTT
GOVERNOR

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LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

FINAL PERMIT

PERMITTEE

The Pepsi Bottling Group
4100 S. Frontage Road, Suite 301
Lakeland, Florida 33815

Air Permit No. 1050412-004-AO
Permit Expires: 2/17/2019
Minor Air Operation Permit
Operation Permit Renewal

Authorized Representative:
Mr. Dan Frahm, Plant Manager

This is the final permit to renew Air Operation Permit No. 1050412-002-AO for a beverage vender and cooler refurbishing facility (Standard Industrial Classification No. 3479) located in Polk County at 4100 S. Frontage Road in Lakeland, Florida. The UTM coordinates are Zone 17, 398.88 km East, and 3102.17 km North.

This final permit is organized by the following sections:

- Section 1. General Information
- Section 2. Administrative Requirements and Facility-wide Specific Conditions
- Section 3. Emissions Unit Specific Conditions
- Section 4. Appendices

Due to the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this final permit. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) with the Agency Clerk in the Office of General Counsel, 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida 32399-3000, Agency.Clerk@dep.state.fl.us, before the deadline. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, any email address, telephone number and any facsimile number of the petitioner; the name, address, any email address, telephone number, and any facsimile number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or

modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this final permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

Any party to this order has the right to seek judicial review of it under section 120.68 of the Florida Statutes, by filing a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida


Kelley M. Boatwright
District Air Program Administrator
Southwest District

02/14/2014
Effective Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Permit and the Appendices) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on the date indicated below to the persons listed below.

Mr. Dan Frahm, The Pepsi Bottling Group (dan.frahm@pepsico.com)

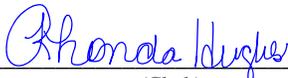
Mr. Cory A. Houchin, P.E., Environmental Services Group, Inc.
(HouchinC@environmentalsciencesgroup.com)

Steve Couch, The Pepsi Bottling Group (steve.couch@pepsico.com)

SWD Compliance Assurance Program Team Leader Manager (Erin.DiBacco@dep.state.fl.us)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.



(Clerk)

February 17, 2014
(Date)

SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The Pepsi Bottling Group is an existing facility that utilizes surface coating operations as part of the refurbishing process of beverage vendors and coolers.

The existing facility consists of the following emissions units (EUs).

Facility ID No. 1050412	
EU ID No.	Emissions Unit Description
001	Surface Coating Operations

NOTE: Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.

Exempt Emission Sources/Activities

- The sanding operations are an insignificant source of particulate matter and are exempt from permitting requirements.
[Rule 62-210.300(3)(b)(1), F.A.C., Generic and Temporary Exemptions]
- The two (2) 0.56 MMBtu/hr natural gas fired pressure washers and the 2.85 MMBtu/hr natural gas fired oven are insignificant sources of emissions and are exempt from permitting requirements pursuant to [Rule 62-210.300(a)(33), F.A.C., Categorical and Conditional Exemptions]

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAPs).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a synthetic non-Title V source for volatile organic compounds (VOC) and hazardous air pollutants (HAPs). The emission limitations in this permit will ensure that the facility's VOC and HAPs emissions will be below the threshold for a Title V source.

PERMIT HISTORY/AFFECTED PERMITS

This permit replaces Operation Permit No. 1050412-002-AO.

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority - The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District Office's Air Permitting Program. The mailing address and phone number is:

Florida Department of Environmental Protection
Southwest District Office
Air Permitting Program
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-470-5700

All documents related to applications for permits shall be submitted to the above address.

2. Compliance Authority - The compliance authority for this project is the Florida Department of Environmental Protection (Department), Southwest District Office's Compliance Assurance Program. The mailing address and phone number is:

Florida Department of Environmental Protection
Southwest District Office
Compliance Assurance Program
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-470-5700

All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the above address.

3. Appendices - The following Appendices are attached as part of this permit:

- a. Appendix A. Citation Formats and Glossary of Common Terms;
- b. Appendix B. General Conditions;
- c. Appendix C. Common Conditions; and
- d. Appendix D. Common Testing Requirements.

4. Applicable Regulations, Forms and Application Procedures - Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions - For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.
[Rule 62-4.080, F.A.C.]

6. Modifications - Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.

[Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

7. Annual Operating Report - On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority.
[Rule 62-210.370(3), F.A.C.]
8. Operation Permit Renewal Application - A completed application for renewal of the operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of this operation permit. To properly apply for an operation permit, the applicant shall submit the following:
 - a. the appropriate permit application form (*see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: <http://www.dep.state.fl.us/air/>*);
 - b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.; and
 - c. copies of the most recent month of records/logs specified in Specific Condition Nos. A.3. and A.4.

[Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

FACILITY-WIDE SPECIFIC CONDITIONS

EMISSIONS STANDARDS

9. Unconfined Particulate Matter Emissions - All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provisions in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include but not be limited to the following:
 - a. maintenance of roads, parking areas and yards;
 - b. general housekeeping of areas where sanding operations are conducted;
 - c. proper operation of the dust collection system for all sanding operations; and
 - d. in order to provide reasonable assurance that the paint booth's overspray is being effectively contained by the filters, visible emissions from the booth exhausts (EU No. 001) should not exceed 5% opacity. If said value is exceeded it will not be considered a violation in and of itself, but an indication that increased filter maintenance/replacement, or additional control precautions and/or practices may be required.

[Rules 62-4.070(3) and 62-296.320(4)(c), F.A.C.; Construction Permit No. 1050412-003-AC]

10. Volatile Organic Compound Emissions and/or Organic Solvent Emissions - The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. The following procedures shall be utilized to minimize pollutant emissions:

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

- a. all equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of solvent materials;
- b. tightly cover or close all VOC and/or solvent containing vessels, drums, totes, etc., when they are not in use;
- c. immediately confine and clean up VOC and/or solvent spills, and make sure wastes are placed in closed containers for reuse, recycling or proper disposal;
- d. used cleanup solvents shall be captured and stored in closed containers and recycled or disposed of as required by the appropriate waste disposal regulations; and
- e. conduct all spray painting operations inside the paint spray booths (EU No. 001).

[Rules 62-4.070(3) and 62-296.320(1)(a), F.A.C.; Construction Permit No. 1050412-003-AC]

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

A. EU No. 001 – Surface Coating Operations

This section of the permit addresses the following emissions unit (EU).

EU ID No.	Emissions Unit Description
001	<p><u>Surface Coating Operations</u> – This emissions unit consists of three paint spray booths and spray equipment cleaning operations.</p> <p>Beverage vending machines and coolers are stripped as necessary of electronics, lighting, and refrigeration parts. The framework is pressure washed and repaired with fabricated metal. Surface dents are filled with styrene-containing putty. Filled areas are sanded smooth and spot-primed. The hand-held sanders have attached hoses for dust collection in four small canister-shaped dust collectors on the wall outside the sanding room.</p> <p>The machines are loaded on to a conveyor which travels through three separate paint spray booths. In the first booth the operator sprays a saline solution on the plastic parts of the coolers to make them conductive for the electrostatic paint system and paints the interior of the door and the door jamb utilizing a hand held electrostatic paint gun. The second paint booth has a sensor triggered tower of Electrostatic Rotary Atomizers that apply paint to the back of all machines. The remainder of the machine is painted in the third booth with a robot utilizing Electrostatic Rotary Atomizers. The machines are then conveyed to a 2.85 MMBtu/hr natural gas fired drying oven.</p> <p>The two automated booths have sidewall draft with filters on the south walls. Makeup air comes through the doors on north side of booths. The manned booth has a small panel of filters on one wall. Each paint booth is equipped with a water column meter to measure the pressure differential across the exhaust filter bank indicating the threshold for filter replacement.</p> <p>Paint thinner is used to clean the spray equipment. It is directed into a sealable container to prevent evaporation of volatile organic compounds and collected in 55-gallon barrels for proper hazardous waste disposal by a licensed vendor.</p>

PERFORMANCE RESTRICTIONS

- A.1.** Operating Hours – This facility is permitted to operate continuously (8,760 hours/year).
[Rule 62-210.200 F.A.C. (“Potential to Emit”); Construction Permit No. 1050412-003-AC]
- A.2.** VOC/HAP Emission Limitations – Facility-wide emissions of volatile organic compounds (VOC) and Hazardous Air Pollutants (HAPs), as defined in Rule 62-210.200, F.A.C., shall not exceed the following:

Pollutant	Emission Limitation
VOCs	24.0 tons per any 12 consecutive month period
Any Individual HAP	7.0 tons per any 12 consecutive month period
Total HAPs	20.5 tons per any 12 consecutive month period

[Rule 62-210.200 (“Potential to Emit”), F.A.C.; Construction Permit No. 1050412-003-AC]

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

A. EU No. 001 – Surface Coating Operations

RECORDKEEPING AND REPORTING REQUIREMENTS

A.3. Volatile Organic Compound (VOC) Recordkeeping Requirements - In order to demonstrate compliance with the VOC emission limitations of Specific Condition No. A.2., the permittee shall record the following monthly:

- a. facility name, facility ID No., emission unit ID No., and description (i.e., The Pepsi Bottling Group, 1050412, E.U. 001, surface coating operations);
- b. month and year;
- c. total quantity (gallons) and VOC content (lbs./gallon) of each VOC containing material used for the month;
- e. calculated monthly total of VOC emissions, in pounds or tons per month (based upon material VOC content); and
- d. cumulative total of the VOC emissions for the most recent 12 consecutive month period (tons per 12 consecutive month period).

[Rule 62-4.070(3); Construction Permit No. 1050412-003-AC]

A.4. Hazardous Air Pollutant (HAP) Recordkeeping Requirements - In order to demonstrate compliance with the HAP emission limitations of Specific Condition No. A.2., the permittee shall record the following monthly:

- a. facility name, facility ID No., emission unit ID No., and description (i.e., The Pepsi Bottling Group, 1050412, E.U. 001, surface coating operations);
- b. month and year;
- c. total quantity (gallons) and HAP content (lbs./gallon) of each HAP containing material used for the month;
- d. calculated monthly HAP emissions for each individual HAP, in pounds or tons per month (based on material HAP content);
- e. cumulative total of the emissions from each individual HAP for the most recent 12 consecutive month period (tons per 12 consecutive month period); and
- f. cumulative total of the emissions from the total HAPs for the most recent 12 consecutive month period (tons per 12 consecutive month period).

Supporting documentation (e.g., MSD sheets, "As Supplied" sheets, "As Applied" sheets, purchase orders, inventory records, production records, etc.) for the records required by Specific Condition Nos. A.3. and A.4., which shall include sufficient information to determine VOC and HAP emissions shall also be kept. At the permittee's option, "quantity purchased" may be reported to satisfy the requirement of "quantity used", provided no materials are used which are not purchased.

[Rule 62-4.070(3), F.A.C.; Construction Permit No. 1050412-003-AC]

A.5. Records Completion and Retention – Monthly records shall be completed by the end of the following month. The records shall be recorded in a permanent form suitable for inspection by the Department upon request, and shall be retained at the facility for a minimum of the most recent three (3) year period. [Rules 62-4.070(3) and 62-4.160, F.A.C.; Construction Permit No. 1050412-003-AC]