FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

FINAL PERMITS

PERMITTEE

Givaudan Flavors Corporation
4705 US Highway 92 East
Lakeland, FL 33801

Authorized Representative:
Mr. David Farrow, Director of Operations

Air Permit No. 1050421-005-AO
Permit Expires: 01/08/2019
Site Name : Givaudan
Minor Air Operation Permit
Filling/Dispensing Operation

This is the final permit to renew Air Operation Permit No. 1050421-004-AO for a filling/dispensing operation at Givaudan (Standard Industrial Classification No. 2087). The facility is located in Polk County at 4705 US Highway 92 East in Lakeland, Florida. The UTM coordinates are Zone 17, 415.03 km East, and 3102.73 km North.

This final document 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 proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of final permit. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of final permit, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. 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 will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

All petitions filed under these rules shall contain:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address, and telephone 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 the petitioner received notice of the agency 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 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 Department'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 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department 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 01/07/2014
Kelley M. Boatwright Effective Date
District Air Program Administrator
Southwest District

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 to the persons listed below.

David Farrow, Givaudan Flavors Corporation
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Sara Greivell, Grove Scientific & Engineering Company
sara@grovescientific.com

Barry Sheets, Givaudan Flavors Corporation
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Erin DiBacco, SWD Air Compliance 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.

Rhonda Hughes 1/8/2014
(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

Givaudan Flavors Corporation owns and operates this flavor processing facility in which citrus oils and water-phases of other fruits are distilled, extracted, centrifuged and blended as needed to produce natural citrus, apple and pineapple flavors. The facility also operates dispensing equipment designed to dispense and package flammable liquids. These processes emit methanol, ethanol, d-limonene, and acetaldehyde into the atmosphere. The existing facility consists of the following emissions unit (EU).

Facility ID No. 1050421

EU ID No.	Emissions Unit Description
001	Flavoring Manufacturing Facility

Exempt Emission Units/Activities

- Natural gas fired boiler with a maximum heat input rate of 8.4 MMBTU/hr.
  [Rule 62-210.300(3)(a)33., F.A.C.]
- Natural gas fired boiler with a maximum heat input rate of 14.6 MMBTU/hr. and not subject to Title 40, Code of Federal Regulations (CFR), Part 60, Subpart Dc, since it was fabricated on August 27, 1984.
  [Rule 62-210.300(3)(a)34., F.A.C.]
- Laboratory equipment used exclusively for chemical or physical analysis.
  [Rule 62-210.300(3)(a)12., F.A.C.]

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- 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 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 natural minor source of air pollution.

PERMIT HISTORY/AFFECTED PERMITS

This permit replaces air operation permit No. 1050421-004-AO.

ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority - The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District'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 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. 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 the 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 two months of records/logs specified in Specific Condition No. 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

8. General Pollutant Emission Limiting Standards; 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. The permittee shall comply with the following:

a. All equipment, pipes, hoses, lids, fittings, etc., shall be operated and maintained in such a manner as to minimize leaks, fugitive emission, and spills of paints and solvent materials that contain VOC and/or OS.

b. All solvents from solvent washings that contain VOC and/or OS shall be directed into containers that prevent evaporation into the atmosphere.

[Rule 62-296.320(1), F.A.C; Construction Permit No.1050421-003-AC]

A. EU No. 001 Flavoring Manufacturing Facility

This section of the document addresses the following emissions unit.

ID No.	Emission Unit Description
001	Flavoring Manufacturing Facility – This facility consists of two InterSystems filling/dispensing operations. One filler is designed to package combustible liquids like orange oil. A semi-automatic filler fills one drum of orange oil at a time on a pallet. The operator has to reposition the filler lance after each drum. The filler lance rises as the level of the drum increases eliminating free falling liquid. The filler can package from most tanks in the inside blending area. The potential throughput through the machine is 1 million to 2 million lbs. of orange oil per year. The other filler/dispenser is used to safely dispense acetaldehyde and package other flammable liquids containing acetaldehyde. The system will dispense acetaldehyde from a drum to existing tank #300 so it can be blended with orange oil and then packaged in a drum. The maximum potential throughput is 300,000 pounds of finished product (5% acetaldehyde/95% orange oil) per year.

PERFORMANCE RESTRICTIONS

A.1. Hours of Operation - The hours of operation are not limited (8760 hours per year).
[Rule 62-210.200 (definition of Potential to Emit), F.A.C.]

EMISSIONS STANDARDS

A.2. Volatile Organic Compound Emissions Limitation - Total VOC emissions from this emissions unit shall not exceed 10.8 tons per any consecutive 12-month period.
[Construction Permit 1050421-003-AC]

A.3. Hazardous Air Pollutant Emissions Limitation - Total HAPs emissions from this emissions unit shall not exceed 5.6 tons per any consecutive 12-month period. (*Due to the nature of the process, the Department considers Methanol and Acetaldehyde as the only two (2) individual HAPs that are emitted.*)
[Construction Permit 1050421-003-AC]

RECORDKEEPING AND REPORTING REQUIREMENTS

A.4. Monthly Log - To demonstrate compliance with the emission limitations of Specific Condition Nos. A.2. and A.3., the permittee shall monthly record the following:

a. Facility Name, Facility ID No. (1050421), Emission Unit ID No. (001)

b. Month/Year

c. The number of batches of distillations and extractions.

d. The total quantity of material transferred in cubic feet.

e. The values recorded in c. and d. above shall be used to calculate emissions for each of the same pollutants (Methanol, d-Limonene, Ethanol, Acetaldehyde, Total HAPs, and Total VOC) as identified in the permittee's additional information letter dated August 28, 2008.

f. Emission calculations shall be performed in the same manner as the calculations* contained in the permittee's additional information letter received by the Department on June 23, 2008, which are part of the permittee's application received by the Department on June 6, 2008.

**Note, emission calculation corrections are contained in Attachment B of the permittee's additional information dated August 28, 2008.*

g. The emission calculations shall show monthly emissions (tons) and the most recent consecutive 12-month period total emissions (tons), by the end of the following month.

Supporting documentation (e.g., MSDS sheets, "As Supplied" sheets, "As Applied" sheets, purchase orders, inventory records, production records, etc.) for the records shall include sufficient information to determine VOC and HAP emissions.
[Rule 62-4.070(3), F.A.C.; Construction Permit No. 1050421-003-AC]

A.5. Records Retention - 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. 1050421-003-AC]