FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL DISTRICT
3319 MAGUIRE BOULEVARD, SUITE 232
ORLANDO, FLORIDA 32803

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

Electronically Sent- Received Receipt Requested
mkirby@fpe-inc.com

FINAL PERMIT

PERMITTEE

Florida Production Engineering, Inc.
2 Tower Circle
Ormond Beach, Florida 32174-8759

Authorized Representative:
Mr. Mark E. Kirby, Environmental Manager

Air Permit No. 1270102-013-AC
Permit Effective: 11/06/2013
Permit Expires: 10/31/2014
Site Name: Ormond Beach Facility
Major Source Air Construction Permit
Project Name: Manufacturing cell modifications

This is the final air construction permit, which authorizes modification of an existing manufacturing cell to allow for production of additional automotive trim products, installation of four new natural gas-fired curing ovens, and conversion of an existing curing oven from electric to natural gas. The proposed work will be conducted at the Florida Production Engineering, Inc. (Standard Industrial Classification No. 3089). The facility is located in Volusia County at 2 Tower Circle, Ormond Beach, Florida. The UTM Coordinates are: Zone 17, 488.30 km East and 3240.30 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Facility-wide and Emissions Unit Specific Conditions

Section 4. Appendices

Because of 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. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C., and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C., for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, 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 (Mail Station #35, 3900 Commonwealth Boulevard, 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 30 days after this order is filed with the clerk of the Department.

Executed in Orange County, Florida

F. Thomas Lubozynski 11/6/2013

F. Thomas Lubozynski, P.E. Date
Waste and Air Resource Programs Administrator

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 11/6/2013 to the persons listed below.

Mark E. Kirby, Florida Production Engineering, Inc. (**mkirby@fpe-inc.com**)
Brain Jones, Environmental Coordinator, Florida Production Engineering, Inc. (**bjones@fpe-inc.com)**
Brian A. Storey. P.E., Golder Associates, Inc. (**bstorey@golder.com**)
Ms. Ana Oquendo, EPA Region 4 **(oquendo.ana@epamail.epa.gov)**
Ms. Barbara Friday, DARM **(barbara.friday@dep.state.fl.us)** (for posting with U.S. EPA, Region 4)

Clerk Stamp

FILED, on this date, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

11/6/2013
(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Project Description and Affected Emission Units

This project will modify the following emissions units.

Facility ID No. 1270102	
ID No.	Emission Unit Description
016	Manufacturing Cells A, B, C, D, E; and No. 1, 2, 3, 4, 5, 12; and Deco Manufacturing Cell (Only the Manufacturing Cell 12 portion of the facility will be modified as part of this permit action)

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

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 a Title V major source of air pollution for Volatile Organic compounds (VOCs) in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, Prevention of Significant Deterioration, F.A.C.

PERMIT HISTORY/AFFECTED PERMITS

Facility is currently permitted under Title V permit 1270102-012-AV, issued March 25, 2013.

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection, Central District Waste & Air Resource Programs. The Central District's mailing address and phone number is:

   Florida Department of Environmental Protection
   Central District Office
   3319 Maguire Blvd., Ste. 232
   Orlando, FL 32803-3767
   Telephone: 407-897-4100

   All documents related to applications for permits shall be submitted to the above address or electronically to the following address: **DEP_CD@dep.state.fl.us**. In any electronic submittal clearly identify the Air Permit No. 1270102-013-AC

2. Compliance Authority: The compliance authority for this project is the Florida Department of Environmental Protection, Central District Compliance Assurance Program. All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Compliance Assurance Program. (Use the above mailing or e-mail 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; and,
   c. Appendix C. Common Conditions.

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. 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 must be submitted electronically in accordance with the instructions received with the AOR package sent by the Department. [Rule 62-210.370(3), F.A.C.]

8. Application for a Revised Title V Air Operation Permit: This permit authorizes construction or modification of the permitted emissions unit(s) and initial operation to determine compliance with Department rules. A Title V air operation permit is required for continued operation of the permitted emissions unit(s). The permittee shall apply for a Revised Title V air operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation or commencing operation as modified. Commencing operation means setting into operation of any emissions unit for any purpose. To apply for a Revised Title V air 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.;

   c. copies of the most recent two months of records/logs specified in Specific Condition No(s). **A.6.**

   [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.]

A. EU No. 016 Manufacturing Cells

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
016	This emission unit consists of manufacturing cells A, B, C, D, E; and No. 1, 2, 3, 4, 5, 12; and Deco Manufacturing Cell. This project will modify existing manufacturing cell 12 to accommodate manufacturing production of new automobile trim products. The modification includes: the addition of new production equipment which use additional inks and clear coat applications; and the installation of four, natural-gas fired curing ovens, each with a maximum heat input rate of 0.5 Million British Thermal Units per hour (MMBTU/hr). In addition, the facility plans to modify an existing electric curing oven in Cell 12 to natural gas fired, with a maximum heat input rate of 0.143 MMBTU/hr. The four new ovens and the one modified oven will exhaust from the facility through one common stack.

PERFORMANCE RESTRICTIONS

A.1. Permitted Capacity: The total facility- wide oven maximum allowable heat input rates for natural gas or propane use is 74,049 MMBTU per any consecutive 12-month period. [Construction Permits 1270102-004-AC, 1270102-008-AC, and 1270102-011-AC, and Rule 62-210. 200(247), "Potential to Emit," F.A.C.]

A.2. Authorized Fuel: Each oven in manufacturing cell 12 shall be fired by natural gas only [Permit Application dated September 5, 2013 and Rule 62-210. 200(247), "Potential to Emit," F.A.C.]

A.3. Restricted Operation: The hours of operation are not limited (8,760 hours per year). [Rules 62-4.070(3) and 62-210. 200(247), "Potential to Emit," F.A.C.]

EMISSIONS STANDARDS

A.4. Visible Emissions. Visible emissions shall not exceed 20% opacity. [Rule 62-296.320(4)(b)1, F.A.C]

A.5. VOC and HAP Emissions Standards – As proposed by the Applicant, the maximum facility total VOC, total HAPs, and individual HAP emissions from this facility shall not exceed the following limits currently existing:

Pollutant	Maximum Emissions Rate (Tons Per Any Consecutive 12-month period)
VOC Emissions (including any clean-up solvents)	Less than 249
Total HAP Emissions	Less than 25
Individual HAP Emissions	Less than 10

[Permit Application dated September 5, 2013, Construction Permit 1270102-008-AC and Rule 62-210.200(247) "Potential to Emit", F.A.C.]

RECORDS AND REPORTS

A.6. Monthly Log: In order to demonstrate compliance with Specific Condition **A.5.,** the permittee shall maintain a monthly log at the facility for a period of at least five years from the date the data is recorded. [Rule 62-4.070(3) and Chapter 62-210, F.A.C.]

The monthly summary of the log, at a minimum, shall contain the following:

a) Facility Name, Facility ID No. (i.e., Florida Production Engineering, Inc., Facility # 1270102);

b) Designation of the month and year of operation for which the records are being tabulated;

c) Monthly total of total VOC emissions and each individual HAP emission as calculated using the mass balance method described in Appendix C, Item 11.b.(3). The log must include the calculations and supporting documents relied upon to determine the total emitted.

d) Consecutive 12-month total of VOC emissions; and,

e) Consecutive 12-month total of total HAP emissions and each individual HAP emission.

The monthly logs shall be completed no later than the end of the following month.

Note: A consecutive 12-month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12-month totals using whatever number of months of data is available until such a time as a consecutive 12-month total can be maintained each month.

Supporting documentation (chemical usage tracking logs, MSDS sheets, purchase orders, EPA "As Supplied" data sheets, EPA Method 24, etc.) shall be kept for each chemical and associated products which includes sufficient information to determine usage rates and emissions. These records shall be made available to the Department upon request. Documentation of each chemical reclaimed will use a mass balance method to determine usage/emissions (amount used minus amount collected for disposal or recycle).

The log and documents shall be kept at the facility for at least five years and made available to the Department. The monthly logs shall be completed by the end of the following month. [Rule 62-4.070(3), F.A.C.]