



# Florida Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

*Electronically Sent- Received Receipt Requested*

## FINAL PERMIT

### PERMITTEE

Precision Fabricating & Cleaning, Inc.  
3975 East Railroad Avenue  
Cocoa, Florida 32926

Authorized Representative:  
Mr. Jason Shye, Chief Financial Officer

Air Permit No. 0090107-006-AO  
Permit Expires: 02/28/2017  
Site Name: Precision Fabricating &  
Cleaning, Inc.  
Minor Source Air Operation Permit  
Project Name: Renewal

This is the final air operation permit, which authorizes operation of an equipment cleaning and painting facility. Precision Fabricating & Cleaning, Inc. (Standard Industrial Classification No. 3449) is located in Brevard County at 3975 East Railroad Avenue in Cocoa, Florida. The UTM coordinates are Zone 17, 522.79 km East, and 3144.75 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.

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.

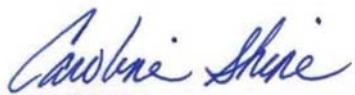
A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301 of the Florida Administrative Code.

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 Orange County, Florida



Caroline D. Shine  
District Air Program Administrator  
Central District

February 6, 2012

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 February 6, 2012 to the persons listed below.

Mr. Jason Shye, Precision Fabricating & Cleaning, Inc.  
([jshye@precweb.com](mailto:jshye@precweb.com))

Mr. Siva Thotapalli, Precision Fabricating & Cleaning, Inc.  
([sivathotapalli@precweb.com](mailto:sivathotapalli@precweb.com))

Mr. Thomas Mulligan, P.E., Mulligan Environmental, LLC  
([tmulligan@mulligan-environmental.com](mailto:tmulligan@mulligan-environmental.com))

Clerk Stamp

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

\_\_\_\_\_  
(Clerk) February 6, 2012  
(Date)

## SECTION 1. GENERAL INFORMATION (FINAL)

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### FACILITY AND PROJECT DESCRIPTION

#### Precision Fabricating & Cleaning, Inc.

Precision Fabricating & Cleaning, Inc. is an equipment cleaning and painting facility. The process includes degreasing operations, steam cleaning, sand blasting, undercoating, air-drying, urethane coating, and top coating. Parts can be precision cleaned (isopropyl alcohol as a degreaser) and returned to the customer, or precision cleaned and painted, and afterwards returned to the customer. Paint equipment is cleaned using acetone.

The existing facility consists of the following emissions units.

Facility ID No. 0090107	
ID No.	Emission Unit Description
001	Sandblast Room
002	Paint Booth #4 & Precision Cleaning Operations

#### Project Description

The purpose of this project is to renew Air Operation Permit No. 0090107-005-AO. Additionally, this project removes the operational hours limitation and recordkeeping requirements for the sandblast room; and added Condition No. **A.10.** (Additional Recordkeeping Requirements-Template of Sample Calculations).

**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 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 synthetic non-Title V source.

### PERMIT HISTORY/AFFECTED PERMITS

Replaces Permit No. 0090107-005-AO.

## SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

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

Florida Department of Environmental Protection  
Central District Office  
Air Resource Management Section  
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.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Air Resource Management Section (see above mailing address and phone number).
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. 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.]

## SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

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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 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.8.**

[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.]

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## SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

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### A. Sandblast Room, Paint Booth #4 & Precision Cleaning Operations

This section of the permit addresses the following emissions units.

ID No.	Emission Unit Description
001	The sand blast room is equipped with two CPJ parallel dust collectors, each having an air to cloth ratio of 2.5 percent and a particulate reduction efficiency of approximately 99.85 percent.
002	The paint booth is equipped with high-efficiency air filters to control particulate emissions. Additional outdoor painting is conducted with the space enclosed using visqueen or other barrier to prevent particulate emissions.

#### PERFORMANCE RESTRICTIONS

- A.1. Circumvention:** No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly.  
[Rule 62-210.650, F.A.C.]
- A.2. VOC or Organic Solvents (OS) Emissions:** No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOCs) or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. To comply, procedures to minimize pollutant emissions should include but not be limited to the following:
- a) tightly cover or close all VOC containers when they are not in use,
  - b) tightly cover, where possible, all open troughs, basins, baths, tanks, etc. when they are not in use,
  - c) maintain all piping, valves, fittings, etc. in good operating condition,
  - d) prevent excessive air turbulence across exposed VOCs, and
  - e) immediately confine and clean up VOC spills and make sure certain wastes are placed in closed containers for reuse, recycling or proper disposal.
- [Rule 62-296.320(1)(a), F.A.C.]
- A.3. Objectionable Odor:** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rules 62-296.320(2), F.A.C.]
- A.4. Unconfined Particulate Matter (PM) Emissions:** All reasonable precautions shall be taken to prevent emissions of unconfined particulate matter. Reasonable precautions shall include, but not be limited to, the following:
- a) use of high efficiency spray guns;
  - b) maintain filter(s) in good working order; and
  - c) **Conduct a monthly visual inspection of each filter used for the sandblast room. Change filter if the filter condition is unsatisfactory.** [Rule 62-296.320(4)(c), F.A.C.]

### SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

#### A. Sandblast Room, Paint Booth #4 & Precision Cleaning Operations

- A.5. Restricted Operation: The hours of operation are not limited (8760 hours per year).  
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

#### EMISSIONS STANDARDS

- A.6. General Visible Emissions (VE) Limitation: The visible emission limitation for each emissions unit which emits particulate are limited to less than 20% opacity.  
[Rule 62-296.320(4)(b)1., F.A.C.]
- A.7. VOC/HAP Emissions Limitation: The maximum facility-wide emissions are the following:

Pollutant	Emissions (tons per any consecutive 12-month period)
Total VOCs	Less than 25.0
Total HAPs	Less than 25.0
Any Single HAP	Less than 10.0

[Rule 62-210.200(PTE), F.A.C.]

#### RECORDS AND REPORTS

- A.8. Monthly Recordkeeping Requirements: In order to demonstrate compliance with Specific Condition No. A.7., the permittee shall maintain a monthly log at the facility for a period of at least five (5) years from the date the data is recorded. The log, at a minimum, shall contain the following:

##### Monthly

- Designation of the month and year of operation for which the records are being tabulated; and
- Consecutive 12-month total of VOC emissions, total HAP emissions, and each HAP emission.
- Record observation details of each monthly visual inspection of each filter used for the sandblasting room (see Condition A.4.c.). When a filter is replaced, make a note of the replacement in the log.**

**The monthly logs shall be completed by 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 are available until such a time as a consecutive 12-month total can be maintained each month.

[Rule 62-4.070(3), F.A.C.]

- A.9. Supporting Documentation: 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 that includes sufficient information to determine usage



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**SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)**

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**A. Sandblast Room, Paint Booth #4 & Precision Cleaning Operations**

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).  
[Rule 62-4.070(3), F.A.C.]

- A.10. Additional Recordkeeping Requirements: Records specified in Specific Condition No. A.8. above, must document the method, calculations, and formulas used in determining the emission rate. All calculations, including those used to derive emissions, must be clearly documented, and may be presented in the form of a template of sample calculations and available for review on site by the Department.**  
[Rule 62-4.070(3), F.A.C.]