Florida Department of
Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Rick Scott
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Jennifer Carroll
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Secretary

FINAL PERMIT

PERMITTEE

SPX Flow Technology, USA, Inc.
4647 SW 40th Avenue
Ocala, Florida 34474

Authorized Representative:
Mr. Carl Ruder, General Manager

Air Permit No. 0830084-011-AO
Permit Expires: 01/23/2018
Minor Air Operation Permit
Project Name: Operation Permit Renewal

This is the final permit to renew Air Operation Permit No. 0830084-011-AO for a metal fabrication operation at the facility (Standard Industrial Classification No. 3563). The facility is located in Marion County at 4647 SW 40th Avenue in Ocala, Florida. The UTM coordinates are Zone 17, 384.58 km East, and 3224.20 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative 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 01/23/2013

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 below to the persons listed below.

Mr. Carl Ruder, SPX Flow Technology USA, Inc. (carl.ruder@SPX.com)

Ms. Veronica Sgro, Koogler and Associates, Inc. (vsgro@kooglerassociates.com)

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 January 23, 2013
(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

This is a metal fabrication facility which manufactures various types of compressed air dryers. Production process steps include cutting, welding, sandblasting, shot blasting, surface coating, curing and assembly. The existing facility consists of the following emissions unit.

Facility ID No. 0830084	
EU ID No.	**Emission Unit Description**
001	Surface Coating Operations

NOTES:

1. *Permit No. 0830084-009-AO (and the permits that preceded it) included EU ID No. 002 – Sandblasting Operation; however, the emissions unit is now classified as generically exempt per rule 62-210.300(3)(b), F.A.C. The generic exemption classification is the result of (1) replacing the "Large Empire Sandblasting" with a shot blast machine and (2) re-evaluation of potential emissions associated with sandblasting activities. Potential emissions calculations supporting the generic exemption classification are included in the renewal application dated 12/10/2012.*
2. *Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.*

Exempt Emission Units/Activities

- Brazing, soldering or welding equipment (Rule 62-210.300(3)(a), F.A.C.).
- Teflon Coating Booth and Curing Area (Rule 62-210.300(3)(b), F.A.C.).
- Plasma Torch Cutting Operation (Rule 62-210.300(3)(b), F.A.C.).
- Surface blasting operations which includes sandblasting and shot blasting (Rule 62-210.300(3)(b), F.A.C.) . This surface blasting operation includes the following equipment.
    1. Teflon Sandblaster and dust collector
    2. Shot blast machine and dust collector

  Note: The exempt sandblasting equipment was previously permitted as E.U. ID No. 002 in Permit No. 0830084-009-AO. The exemption was determined based on the uncontrolled emissions factor from AP-42, Section 13.2.6 - Abrasive Blasting (Background Documents), and annual sand usage of 25,150 lbs/year.
- Recycle Still (closed loop system to recycle spent solvents) (Rule 62-4.040, F.A.C.).
- Glove Box Sandblast Unit which is a small sandblast unit equipped with a dust collector which vents inside the manufacturing building. (Rule 62-4.040, F.A.C.)

Exemptions under Rule 62-4.040(1)(b), F.A.C., may be revoked if the installation is substantially modified or the basis for the exemption is determined to be materially incorrect.

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 the pollutants Individual HAP, Total HAP, and volatile organic compounds (VOC). The emission limitations in this permit will ensure that the facility's Individual HAP, Total HAP, and VOC emissions will be below the threshold for a Title V source.

PERMIT HISTORY/AFFECTED PERMITS

This permit replaces Operation Permit No. 0830084-009-AO

SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS (FINAL)

1. Permitting Authority - The permitting authority for this project is the Florida Department of Environmental Protection (Department), Central District Office's 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 Office's 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. Fugitive Organic Solvents, and Volatile Organic Compounds -The permittee shall not store, pump, handle, process, load, unload, or use in any process or installation, OS, or VOCs 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:

a. maintain tightly fitting cover, lids, etc, on all containers of VOC/OS when they are not being handled, tapped, etc;

b. prevent excessive air turbulence across exposed VOC/OS;

c. where possible and practical, procure/fabricate a tightly fitting cover for any open trough, basin, bath, etc. of VOC/OS so that it can be covered when not in use;

d. all equipment, pipes, hoses, fittings, valve lines, etc. shall be properly maintained in such a manner as to minimize leaks, fugitive emissions and spills of paints and solvent materials; and

e. all VOC/OS spills shall be attended to immediately and the waste properly disposed of, recycled, etc.

[Rule 62-296.320(1), F.A.C.; Construction Permit No. 0830084-008-AC]

8. 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.]

9. 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 month of records/logs specified in Specific Condition No(s). A.4. and A.5.

[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. 001 - Surface Coating Operations

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

EUID No.	Emission Unit Description
001	Surface Coating Operations: In the main manufacturing building, volatile organic compound (VOC) based coatings are applied to sandblasted fabricated work pieces in one of two painting spray booths. After sandblasting, the work pieces are moved into either the large paint booth (a modified downdraft Binks Model 30-1800 spray booth) or into the small paint booth (a Binks SpraCure Really Clean AARC-50-630 spray booth). Each booth is equipped with filter arrestors to collect overspray and a fan to exhaust fumes (generated inside each booth) out through separate ~45 foot tall exhaust stacks. Each booth also has an associated spray gun cleaning station.

PERFORMANCE RESTRICTIONS

A.1. Hours of Operation - The hours of operation are not limited (8760 hours per year). [Rules 62-4.070(3) and 62-210.200 (Definition of Potential to Emit), F.A.C.; Construction Permit No. 0830084-008-AC]

EMISSIONS STANDARDS

A.2. HAP and VOC Emissions Standards - Individual HAP, Total HAP and VOC emissions from this facility shall not exceed the following maximum limits:

Pollutant	Maximum Emissions Rate (Tons Per Any Consecutive 12-month period)
Individual HAP Emissions	9.5
Total HAP Emissions	23.75
VOC Emissions (including any clean-up solvents)	67.0

IMPORTANT NOTE: *The Individual HAP and Total HAPs emissions limits of Specific Condition No. A.2. are very close to the Title V thresholds of 10 tons/year and 25 tons/year. Please be aware that if either of the Title V thresholds are exceeded, the facility will become a Title V and will be required to obtain a Title V permit.*

[Rule 62-210.200 (Definition of Potential to Emit), F.A.C.; (PTE); Construction Permit No. 0830084-008-AC]

A.3. **Circumvention of Air Pollution Control Device** - The permittee shall not circumvent any air pollution control device or allow the emissions of air pollutants without the applicable spray booth air pollution control device (i.e. spray booth filter arrestors) in place and operating properly. In order to provide reasonable assurance that the overspray from each paint booth is being controlled by the paint arrestor filters, the visible emissions from each paint booth

exhaust stack should not exceed 5% opacity. If the exhaust stack visible emissions exceed 5% opacity, the Department will not consider this a violation, but an indication that additional controls may be required.
[Rules 62-4.070(3) and 62-210.650, F.A.C.; Construction Permit No. 0830084-008-AC]

RECORDKEEPING REQUIREMENTS

A.4. Monthly VOCs and HAP Log - The permitee shall maintain the following logs:

a. Monthly Logs: The permittee shall keep monthly logs to document compliance with the VOC and HAP emissions standards of Specific Condition No. A.2. At the option of the permittee, "purchases" may be used instead of "usage" in determining VOC/HAP emissions, provided that no materials are used which are not purchased. The logs shall include, but not be limited to, the following:

1) the facility name, facility ID No., emission unit ID No.;
2) the month, year, and method used for records (usage or purchase);
3) the total quantity (in either gallons or tons) of each VOC and/or HAP containing material used during the month;
4) the VOCs content and each individual HAP content (in either pounds/gallon or weight percent) for each VOC and/or HAP containing material used during the month;
5) the calculated individual HAP emissions (in tons) for the month;
6) the calculated total of HAP emissions (in tons) for the month;
7) the calculated total of VOC emissions (in tons) for the month;
8) the individual HAP emissions (in tons) for the most recent 12 consecutive month period;
9) the total of HAP emissions (in tons) for the most recent 12 consecutive month period; and
10) the total of VOC emissions (in tons) for the most recent 12 consecutive month period.

IMPORTANT NOTE: *The Individual HAP and Total HAPs emissions limits of Specific Condition No. A.2. are very close to the Title V thresholds of 10 tons/year and 25 tons/year. Please be aware that if either of the Title V thresholds are exceeded, the facility will become a Title V and will be required to obtain a Title V permit.*

Supporting documentation (Material Safety Data Sheets (MSDS), EPA "As Supplied" data sheets, purchase orders, etc.) shall be kept for each VOC and HAP containing material used. Documentation for VOCs and/or HAPs reclaimed, recycled or disposed of, will use a mass balance method to determine net usage.

Monthly Logs shall be completed no later than 15 days after the end of each month.

[Rule 62-4.070(3), F.A.C.; Construction Permit No. 0830084-008-AC]

A. EU No. 001 - Surface Coating Operations

A.5. Spray Booth Filter Arrestors Recordkeeping - To document compliance with Specific Condition No. A.3., the permittee shall maintain a record of the date and time of all spray booth filter arrestor replacements.
[Rule 62-4.070(3), F.A.C.; Construction Permit No. 0830084-008-AC]