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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T.
Vinyard Jr.
Secretary

FINAL PERMIT

PERMITTEE

Johnson Controls, Inc.
6750 Bryan Dairy Road
Largo, Florida 33777-1603

Air Permit No. 1030520-004-AO
Permit Expires: xx/xx/xxxx
Air Operation Permit Renewal

Authorized Representative:
Mr. Jeff Werwie, Director of Environmental Compliance

This is the final air operating permit to renew Air Operation Permit No. 1030520-003-AO for a refrigeration and heating equipment operation at Johnson Controls, Inc., categorized under Standard Industrial Classification Code No. 3585. The facility is located in Pinellas County at 6750 Bryan Dairy Road in Largo, Florida. The UTM coordinates are Zone 17, 331.2 kilometers (km) East, and 3083.9 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 proceeding (hearing) under sections 120.569 and 120.57, F.S. 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 14 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), F.S. must be filed within 14 days of publication of the public notice or within 14 days of receipt of this notice of final permit, whichever occurs first. Under section 120.60(3), F.S., 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, F.A.C.

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, F.A.C.

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, F.S., 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 30 days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida

_____ _____

Kelley M. Boatwright 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. Jeff Werwie, Director of Environmental Compliance, Johnson Controls, jeff.werwie@jci.com

Ms. Cindy Herbeck, Safety Engineer, Johnson Controls, cindy.s.herbeck@jci.com

Mr. Gary Robbins, Pinellas County Air Quality Division, grobbins@pinellascounty.org

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) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

Johnson Control, Inc. manufactures products for the commercial heating, ventilating, and air conditioning (HVAC) industry. The products manufactured at the facility include variable air volume terminals and controls, fan coil units, and indoor air handlers.

The facility consists of the following emissions unit:

Facility ID No. 1030520	
ID No.	**Emission Unit Description**
001	Fin Presses (Nos. 1 – 4)

Exempt Emission Units/Activities

Emissions from the following sources at this facility are deemed insignificant and exempt from permitting:

(a) Foam Insulation Booth, pursuant to Rule 62-4.040, F.A.C.

(b) Powder Coat Paint Booth, pursuant to Rule 62-4.040, F.A.C.

(c) Miscellaneous Floor Chemicals, pursuant to Rule 62-210.300(3)(b)1., 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 volatile organic compounds (VOC) and HAPs. The VOC emissions limitation and restriction on type of material to be used in this permit will ensure that the facility's VOC and HAP emissions will be below the threshold for a Title V source.

PERMIT HISTORY/AFFECTED PERMITS

This permit replaces Air Operation Permit No. 1030520-003-AO.

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

Florida Department of Environmental Protection
Southwest District Office
Air Resource Management Section
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-632-7600

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 Pinellas County Air Quality Division. The mailing address and phone number of the Local Air Program is:

Pinellas County Air Quality Division
509 East Avenue South
Clearwater, FL 33756
Telephone: 727-464-4422

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;

d. Appendix D. Common Testing Requirements; and

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 with a copy to Pinellas County Air Quality Division 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.;

c. copies of the most recent month 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), 62-210.370(3) and 62-210.900, F.A.C.]

8. Annual Operating Report - On or before April 1st 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.]

FACILITY-WIDE REQUIREMENTS

9. Objectionable Odor - The permittee shall not cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An objectionable odor is 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) and 62-210.200(181), F.A.C.; Pinellas County Code, Section 58-178; Construction Permit No. 1030520-001-AC]

10. Fugitive VOC/Organic Solvents (OS) - The permittee shall not store, pump, handle, process, load, unload, or use in any process or installation, VOC/OS or HAP 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. 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/OS.

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

[Rule 62-296.320(1), F.A.C.; Construction Permit No. 1030520-001-AC]

{Permitting Note – This condition implements Item 6 in Section 4, Appendix C (Common Conditions).}

B. EU 001 - Fin Presses (Nos. 1 – 4)

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

ID No.	Emission Unit Description
001	Fin Presses (Nos. 1 – 4)

This emission unit consists of four existing fin presses (Burr Oak Tool) designated as No. 1 (Model 360), No. 2 (Model 892), No. 3 (Model 984), and No. 4 (Model 369) at a synthetic non-Title V facility. Each press has an immersion pan where metal feedstock is coated with the stamping fluid Oak Draw 530-FR (or equivalent) for lubrication prior to stamping. The stamping fluid contains no HAPs and has a maximum VOC content of 95 percent (%), by weight.

{Permitting Note: This emission unit is regulated under Rule 62-210.300, F.A.C., Permits Required.}

PERFORMANCE RESTRICTIONS

A.1. Operational Limitation - The stamping fluid used in the presses to lubricate the metal feedstock prior to stamping shall contain no HAP and have a maximum VOC content of 95%, by weight.
[Rule 62-210.200 (Potential to Emit (PTE)), F.A.C; Construction Permit No. 1030520-001-AC]

A.2. Hours of Operation – This emission unit may operate continuously (8,760 hours per year).
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.; Construction Permit No. 1030520-001-AC]

EMISSIONS STANDARDS

A.3. VOC Emissions Limitation – Emission of VOC shall not exceed 35.5 tons per any consecutive 12-month period.
[Rule 62-210.200(PTE), F.A.C.; Requested by the permittee in the application received April 24, 2007; Construction Permit No. 1030520-001-AC]

RECORDS AND REPORTS

A.4. VOC Monthly Recordkeeping Requirements - In order to demonstrate compliance with the emission limitations of Specific Condition Nos. A.1. and A.3., the permittee shall record and maintain a monthly log containing the following:

(a) Facility Name, Facility ID No. (1030520), Emission Unit ID No. (001)

(b) Month/Year

(c) For each VOC containing stamping fluid used in all four (4) presses:

1. the name of the stamping fluid;
2. the total quantity of stamping fluid used (gallons);
3. the HAP content (pounds of HAP/gallon of stamping fluid and percent (%) by weight); and
4. the VOC content (pounds of VOC/gallon of stamping fluid and % by weight).

{Permitting Note: 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.}

(d) The calculated monthly total VOC emissions, in pounds or tons per month (based upon material VOC content).

(e) A cumulative total of the VOC emissions for the most recent consecutive 12-month period (tons per consecutive 12-month period).

Supporting documentation (e.g., Material Safety Data Sheets (MSDS) sheets, "As Supplied" sheets, "As Applied" sheets, purchase orders, inventory records, production records, etc.) for the records required by Specific Condition No. A.4., which shall include sufficient information to determine VOC and HAP emissions shall also be kept. The monthly records shall be completed by the end of the following month. [Rule 62-4.070(3), F.A.C.; Construction Permit No. 1030520-001-AC]