TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION

APPLICANT

Illinois Tool Works, Inc.
ITW SprayCore
11701 56th Court North
Clearwater, FL 33760

Facility ID No. 1030501

PROJECT

Project No. 1030501-007-AC
Application for Minor Air Construction Permit
Spray Booth Installation

COUNTY

Pinellas, Florida

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resource Management
Southwest District Office
Temple Terrace, Florida 33637-7600

March 14, 2012

Prepared by Brandy Flavors

Revision: 01/17/2012

GENERAL PROJECT INFORMATION

Air Pollution Regulations

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Rules 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations on a quarterly basis in Rule 62-204.800, F.A.C.

Glossary of Common Terms

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of this permit.

I. Project Description:

A. Applicant:
Richards Hanisko, Operations Manager
ITW SprayCore
11701 56th Court North
Clearwater, FL 33760

B. Professional Engineer:
Scott A. McCann, P.E.
Golder Associates, Inc.
6026 NW 1st Place
Gainesville, FL 32607

C. Project Location:
11701 56th Court North, Clearwater, FL 33760

Top left is the aerial view of the facility and bottom left is the map view of the facility's location. Top right is a facility plot plan provided by ITW SprayCore with the permit. All other images from *www.google.maps*

D. Project Summary:

This permit is to install a spray booth for product testing at a facility that manufactures formulations of resin based products, as further described in the permit.

Binks Sames 5′ X 7′ X 3′ industrial bench type spray booth. *www.leepatterson.com*

The estimated cost of this project is $2,500 - $5,500.

E. Application Information:

Application Received: February 29, 2012
Request for Additional Information (RAI): March 22, 2012
Response to Request for RAI received: April 16, 2012
Application Complete: April 30, 2012

II. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes and Chapters 62-204 through 62-297, Florida Administrative Code (F.A.C.), as indicated below.

Subject to:	Y/N	Comments
Rule 62-210.300, F.A.C. – Permits Required	Y	Subject to general permitting requirements
Rule 62-212.400, F.A.C. - Prevention of Significant Deterioration	N	Facility is not a PSD major source.
Rule 62-296.320(4), F.A.C. - General Particulate Emission Limiting Standards	Y	Resin Manufacturing could be a source of unconfined particulate matter emissions.
Rules 62-296.320(1) and (2), F.A.C. - General Pollutant Emission Limiting Standards (VOCs and Odor)	Y	Resin Manufacturing is a source of VOC and odors.
Rule 62-296.401-470, F.A.C. - Stationary Source Emission Standards	N	There is no applicable source category.
Rule 62-296.500, F.A.C. - Reasonably Available Control Technology (VOC)	N	There is no applicable source category.
Rule 62-296.700, F.A.C. - Reasonably Available Control Technology (PM)	N	There is no applicable source category.
Rule 62-204.800, F.A.C. - Standards of	N	There is no applicable source category.

Subject to:	Y/N	Comments
Performance for New Stationary Sources (NSPS)		
Rule 62-204.800, F.A.C. National Emission Standard for Hazardous Air Pollutants (NESHAPS – 40 CFR 61)	N	There is no applicable source category.
Rule 62-204.800, F.A.C. National Emission Standard for Hazardous Air Pollutants for Source Categories a.k.a. MACT (NESHAPS –40 CFR 63)	N	There is no applicable source category.
Chapter 62-213, F.A.C. - Operation Permits for Major Sources of Air Pollution	N	The facility is a synthetic non-Title V source.
Rule 62-297.310, F.A.C. - General Compliance Test Requirements, F.A.C.	N	The Facility does not require testing.

III. Summary of Emissions

Pollutant	EU No. and brief description	Potential Emissions Tons per Any Consecutive 12 Month Period	Allowable Emissions Tons per Any Consecutive 12 Month Period
VOC	001 Formulation of Resin Based Products & 002 Spray Booth	99.0	99.0
Total HAP		24.0	24.0
Any Individual HAP		9.0	9.0

IV. Conclusions

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-204 through 297, F.A.C.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204 through 297, F.A.C.

V. Preliminary Determination

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. Additional details of this analysis may be obtained by contacting the project engineer at the Florida Department of Environmental Protection Air Resource Management, Southwest District 13051 North Telecom

Parkway, Temple Terrace, Florida 33637-7600.

Pursuant to Section 403.087, Florida Statutes and Section 62-4.070, Florida Administrative Code, the Department hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).