TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION

APPLICANT

Tropitone Furniture Co., Inc.
5 Marconi
Irvine, CA 92618

Facility ID No. 0810219

PROJECT

Project No. 0810219-004-AC
Application for Minor Air Construction Permit
Sunwest Facility Relocation

COUNTY

Manatee, Florida

PERMITTING AUTHORITY

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

March 6, 2012

Prepared by Brandy Flavors

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:
Randy Danielson, CFO
Tropitone Furniture CO., Inc.
5 Marconi
Irvine, CA 92718

B. Professional Engineer:
Henry Adamiak, P.E.
Remediation Technologies, Ltd.
540 W. Frontage Road, Suite 3185
Northfield, IL 60093

C. Project Location:
1125 Commerce Boulevard
Sarasota, FL 34243

Figure 1.
The above maps show where the Sunwest Facility will be relocated at 1125 Commerce Boulevard in Sarasota, FL, which is shown by the letter A. They also show the existing Main Building located at 1401 Commerce Boulevard as denoted on the maps. The map to the left shows the proposed Sunwest Facility location in relation to the Sarasota Vicinity.

Maps provided by maps.google.com

D. Project Summary:

This is the final air construction permit for the relocation of the Sunwest Facility where tabletops are manufactured from reinforced plastic composites. The Sunwest facility will be relocated from its current location at 6530 18th Street East to 1125 Commerce Boulevard in Sarasota, Florida.

E. Pre- Application Meeting: February 15, 2012
Application Received on: February 27, 2012
Application Complete: February 27, 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	Operations 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	Operations are 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	Manatee County is not an air quality maintenance area for ozone
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 Performance for New Stationary Sources (NSPS)	N	There is no applicable source category
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	N	Facility is a synthetic non-Title V source

Subject to:	Y/N	Comments
Pollution		
Rule 62-297.310, F.A.C. - General Compliance Test Requirements, F.A.C.	N	No testing is required for this facility

III. Summary of Emissions

EU 001 – Gelcoat and Resin Application

Pollutant	Potential Emissions (lbs/hr., tpy, lbs/ton, etc., as applicable)	Allowable Emissions (lbs/hr., tpy, lbs/ton, opacity, etc.)
PM	<0.01 tons/yr	N/A
Total VOC	10.80 tons/yr	10.80 tons/yr
Total HAP	10.80 tons/yr	10.80 tons/yr
Individual HAP (Styrene)	9.49 tons/yr	9.49 tons/yr

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).