Title V Air Operation Permit Renewal
Permit No. 1050292-008-AV

APPLICANT

The applicant for this project is Industrial Plastic Systems, Inc. The applicant's responsible official and mailing address are: Mr. Barron Burhans, President, Industrial Plastic Systems, Inc., 4225 Drane Field Road, Florida 33811.

FACILITY DESCRIPTION

The applicant operates the Industrial Plastic Systems, Inc., which is located at 4225 Drane Field Road, Florida.

This facility manufactures reinforced fiberglass products (pipe, vessels, ductwork, hoods, stacks and other custom fabrications). There are three primary types of open molding done at this facility; non-atomized mechanical spray, filament winding spray-on process (pipe), and manual hand molding. Complex components are fabricated using a hand lay-up process. Additional hand lay-up work involves attaching nozzles, gusset plates, lifting lugs, base supports, etc. to the fabricated materials. The facility consists of a single building (approximately 170' x 120' x 24' high) with a small material storage building located to the rear. The inside of the building is divided into a molding room, a chopping room, a winding area, and two fabrication/assembly areas.

The main pollutant of concern is resin styrene emissions during the spray-on or hand lay-up processes (the gel-coat process is not styrene based). All of the styrene emissions are fugitive in nature from the various work areas inside the building.

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

PROJECT DESCRIPTION

The purpose of this permitting project is to renew the existing Title V permit for the above referenced facility.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Renewed Title V Air Operation Permit No. 1050292-007-AV issued September 14, 2009
Application for a Title V Air Operation Permit Renewal received May 09, 2014
Notice of Intent to Issue Air Permit issued **[Month day, year]** ***(To be determined)***
Public Notice Published **[Month day, year]** ***(To be determined)***

PRIMARY REGULATORY REQUIREMENTS

Title III: The facility is identified as a major source of hazardous air pollutants (HAP).

Title V: The facility is a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

PSD: The facility is not a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

NSPS: The facility does not operate emissions units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

NESHAP: The facility does operate emissions units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63. The reinforced fiberglass products manufacturing activities at this facility (E.U. 001) are regulated by 40 CFR 63 Subpart WWWW - National Emissions Standards for Reinforced Plastic Composites Production, which is adopted and incorporated by reference in Rule 62-204.800, F.A.C.

CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

CAM: Compliance Assurance Monitoring (CAM) does not apply to any of the emissions units at the facility.

PROJECT REVIEW

The facility has installed no new equipment and operations are identical to those described in the previous permit, 1050292-007-AV, so the only changes are as follows.

1) The "emergency generators" in the process description and the insignificant emissions table were determined to be an error and never existed, and so all references have been removed.
2) The UTM coordinates have been adjusted to better coincide with the physical address and the Geographic Coordinate System (lat-long) coordinates.
3) The description of EU No. 001 has been updated to match ARMS.
4) The format of the permit has been updated to the current template.

CONCLUSION

This project renews Title V Air Operation Permit No. 1050292-007-AV, which was issued on September 14, 2009. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.