Initial Title V Air Operation Permit
Permit No. 0310582-003-AV

APPLICANT

The applicant for this project is Petroleum Containment, Inc. The applicant's responsible official and mailing address are: Mr. Samuel Arn, Petroleum Containment, Inc., 8873 Western Way, Jacksonville, FL 32256.

FACILITY DESCRIPTION

This facility manufactures fiberglass products. Polyester resins and gelcoats are utilized in molding and forming operations including hand layup, spray layup, resin transfer molding, and autocasting. Cutting, grinding and sanding are performed in grinding booths. Particulate matter emissions are controlled by a baghouse which exhausts into the interior of the building.

The facility has an emergency fire pump engine (1979 Clarke 1823F diesel engine). This engine is exempt from the requirement to obtain a construction permit per Rule 62-210.300(3)(a)35., F.A.C, as it burns less than 64,000 gallons of diesel fuel per year.

The facility is a Title V source of air pollution because the potential emissions of Hazardous Air Pollutants (HAP) is greater than 10 tons per year for a single HAP (styrene) and greater than 25 tons per year for total HAPs pursuant to Rule 62-210.200, F.A.C., and Rule 2.301, JEPB.

Based on the construction permit application received January 26, 2015, this facility is a major source of hazardous air pollutants (HAPs).

PROJECT DESCRIPTION

This project is for the initial Title V Air Operation Permit No. 0310582-003-AV.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Application for an initial Title V Air Operation Permit received January 26, 2015
Notice of Intent to Issue Air Permit issued February 27, 2015
Public Notice Published **[DRAFT]**

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 units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60 and 40 CFR 60, Subpart A, NSPS General Provisions.

NESHAP: The facility does operate units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

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 this facility. EU001 is subject to 40 CFR 63 Subpart WWWW and EU002 is subject to 40 CFR 63, Subpart ZZZZ, both of which were proposed after November 15, 1990. Therefore, the units are exempt from CAM requirements pursuant to 40 CFR 64.2(b)(1)(i).

PROJECT REVIEW

This project is for the initial Title V Air Operation Permit No. 0310582-003-AV and incorporates the conditions of construction permits 0310582-001-AC (issued previously), which authorized permanent relocation of the facility to its current site and set a cap on styrene emissions, and 0310582-002-AC (processed concurrently), which removes the cap on styrene emissions and adds the requirements of 40 CFR 63, WWWW- National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production. This project also adds the requirements of 40 CFR 63, ZZZZ- National Emissions Standards for Hazardous Air pollutants for Stationary Reciprocating Internal Combustion Engines.

CONCLUSION

This project is for the initial Title V Air Operation Permit No. 0310582-003-AV. This initial Title V Air Operation Permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213 and 214. In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawing(s), plans, and other documents on file with the Permitting Authority.