Title V Air Operation Permit Renewal
Permit No. 0251104-007-AV

APPLICANT

The applicant for this project is Dyplast Products, LLC. The applicant's responsible official and mailing address are: Ted Berglund, President and CEO, Dyplast Products, LLC, Dyplast Products facility, 12501 NW 38 Avenue, Opa Locka, FL 33054.

FACILITY DESCRIPTION

The applicant operates the Dyplast Products facility, which is located at 12501 NW 38 Avenue, Miami, FL 33054.

This facility consists of the following emissions units:

ARMS E.U. ID No.	Brief Description
001	Expandable Polystyrene (EPS) Production Process
002	Polyurethane (ISO) Production Process
003	One (1) Kewanee 200 hp Boiler
004	Four (4) Torit Dust Collectors

The Dyplast Products facility has been in operation since 2001. The Dyplast Products facility engages in the production of polystyrene (EPS) and polyurethane (ISO) for construction, architectural, and insulation purposes. Emissions units at the facility consist of the EPS production process, the ISO production process, one 200 hp boiler, and four dust collectors. The EPS is produced by expanding polystyrene beads, situating the beads in the EPS mold, and then fusing the beads by drawing steam through them while in the mold. The ISO is produced by adding a catalyst to a mixture, and then extruding the mixed product, allowing it to expand.

This facility previously operated under the name Apache Products Company at 1020 SW 89 Avenue, in Miami, Florida. The facility was issued their initial construction permit on July 10, 1995. This permit authorized the construction of the polystyrene (EPS) production process, the polyurethane (ISO) production process, and the 200 hp boiler. The facility obtained their initial operating permit on September 8, 1998. The facility was issued Air Construction Permit No. 0251104-001-AC on December 27, 2001, and it moved the EPS process and the boiler to the current address (12501 NW 38 Avenue, Opa Locka, FL). The facility was issued Air Construction Permit No. 0251104-003-AC on November 4, 2003. This permit authorized the construction of the ISO production process at the current address.

Air Operation Permit No. 0251104-004-AO, restricted the facility's volatile organic compound (VOC) emissions to 99 tons per year. Furthermore, the facility's operating schedule was limited to 5,200 hours per year.

The facility was issued Air Construction Permit No. 0251104-005-AC on December 19, 2006. This permit modified the production rates of the ISO and EPS processes, as well as the VOC emissions cap. The limits specified under this construction permit were production rate restrictions of 3,600 tons per year and 4,512 tons per year for the ISO and EPS production processes, respectively. Furthermore, the facility was limited to a VOC emissions rate of 242 tons per year.

The facility was issued Air Operation Permit No. 0251104-006-AV on August 15, 2007. This permit incorporated the terms and conditions of Air Construction Permit No. 0251104-005-AC. The operation permit expires on August 14, 2012.

PROJECT DESCRIPTION

The purpose of this permitting project is to renew the existing Title V Air Operation Permit for the above referenced facility. This project incorporates the terms and conditions of Air Construction Permit No. 0251104-005-AC for the above referenced facility.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Initial Title V Air Operation Permit issued August 15, 2007
Application for a Title V Air Operation Permit Renewal received February 3, 2012.

PRIMARY REGULATORY REQUIREMENTS

Title III: The facility is not 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 a Synthetic Minor source of air pollution for Prevention of Significant Deterioration (PSD) 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.

NESHAP: The facility does not 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.

PROJECT REVIEW

Specific changes were made to the previous Title V Air Operation Permit No. 0251104-006-AV, and are in this DRAFT Title V Air Operational Permit Renewal. Such changes include FDEP reformatting of the entire permit document, replacement of TV-6 with new Appendix TV, streamlining of EU sections by moving common conditions to the new appendices, etc. For example, some of the recordkeeping requirements that were previously listed under TV-6 (i.e. administrative permit corrections, deviation reports, etc.) and the Facility-Wide Conditions under the previous Title V permit (i.e. certification by responsible official, submittal of monitoring reports, statement of compliance, etc.) are now listed under the new Appendix RR – Facility-Wide Reporting Requirements.

Additionally, recent organizational changes have occurred within the Miami-Dade County Government and the Department of Environmental Resources Management (DERM) has become Permitting, Environment and Regulatory Affairs (PERA). As a result, all references to DERM in the permit have been changed to PERA.

CONCLUSION

This project renews Title V air operation permit No. 0251104-006-AV, which was issued on August 15, 2007. 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.