Title V Air Operation Permit Renewal
Permit No. 1050422-003-AV

APPLICANT

The applicant for this project is GTECH Corporation. The applicant's responsible official and mailing address are: Mr. Jean Turgeon, Sr., Director of Operations, GTECH Corporation, Lakeland Facility, 4100 Frontage Road, Lakeland, Florida 33815.

FACILITY DESCRIPTION

The applicant operates the Lakeland Facility, which is located at 4100 Frontage Road, Lakeland, Florida.

This facility consists of an instant lottery ticket production facility, which has two (2) emission units, EU 001 – Printing Operations and EU 002 – Emergency 800 KW Diesel-fired Engine/Generator.

In the printing process, plates are produced and installed on up to 22 BHS-IN-LINE, TYPE AF/UF 820-22 INTRO flexographic printing units (presses) that transfer inks and coatings to paperboard substrates. Two (2) inkjet printing units (presses) are also used to transfer inks and coatings to the instant lottery tickets. The inks and coatings applied to the tickets are then dried and/or cured. It is during these (drying/curing) processes that airborne volatile organic compounds (VOC) and/or hazardous air pollutants (HAPs) emissions are generated. All of the printing units are equipped with dryers that receive outside air from a single supply plenum and exhaust all air to the atmosphere via a single exhaust plenum. Each individual printing unit is equipped with a variable speed dryer which may be equipped with hot air impinged and/or infrared dryers. The dryers are only fired with natural gas at a maximum total combined heat input rate of 18.0 MMBtu/hr.

The emergency engine/generator is a Milton CAT C27 Packaged Engine/Generator Assembly that has twelve (12) cylinders where each cylinder has a displacement of 2.25 liters. The engine/generator is subject to the requirements of 40 CFR 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and 40 CFR 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.

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

Initial Title V Air Operation Permit No. 1050422-002-AV issued 04/14/2010
Application for a Title V Air Operation Permit Renewal received 08/27/2014
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 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 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 operate emissions units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60. Emission Unit No. 002 is subject to 40 CFR 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.

NESHAP: The facility does operate emissions units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63. Emission Unit No. 002 is subject to 40 CFR 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

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's name was changed from GTECH Printing Corporation to GTECH Corporation. This permit was put into the new Title V permit format. It includes the new Appendix RR and Appendix TV. The compactor was replaced by a new compaction/pelletizer system as part of an improved bailing operation. Both activities are on the list of Insignificant Emission Units/Activities (Appendix I). Several Specific Conditions for Emission Unit No. 002, Emergency 800 KW diesel-fired engine/generator were added for clarity.

CONCLUSION

This project renews Title V Air Operation Permit No. 1050422-002-AV, which was issued on 04/14/2010. 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.