Title V Air Operation Permit Revision
Permit No. 0990026-024-AV

APPLICANT

The applicant for this project is Sugar Cane Growers Cooperative of Florida. The applicant's responsible official and mailing address are: Mr. Jose F. Alvarez, Executive VP Operations & General Manager, Sugar Cane Growers Cooperative of Florida, Glades Sugar House, 1500 West Sugar House Road, Belle Glade, Florida 33430.

FACILITY DESCRIPTION

The applicant operates the Glades Sugar House, which is located located in Palm Beach County at 1500 West Sugar House Road, Belle Glade, Florida 33430.

The facility operates on steam produced from six boilers. The total steam generating capacity of the boilers is 1,181,854 lb/hr when the six boilers operate at rated capacity. The boilers are capable of burning carbonaceous fuel (bagasse and residue), fuel oil, small quantities of on-spec used oil, natural gas. The boilers are equipped with dust collectors and wet scrubbers to control particulate matter (PM) emissions. During the off-season, operation of the boilers is restricted and limited to only Boilers 1, 2, 4, 5, and 8. There is a painting facility at the site. The facility has miscellaneous /insignificant emissions units and/or activities. The facility emission units are also subject to Rule 62-296.570, F.A.C. (Reasonably Available Control Technology for NO_x and VOC); and Rule 62-296.410, F.A.C. (Carbonaceous Fuel Burning Equipment.) and Rule 62-212.400, F.A.C., [Prevention of Significant Deterioration (PSD) and Best Achievable Control Technology (BACT)], 40 CFR 64 (Compliance Assurance Monitoring), 40 CFR 63 Subparts A, ZZZZ and DDDDD (General Provisions, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines ,and National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters, respectively).

PROJECT DESCRIPTION

The purpose of this permitting project is to revise the existing Title V operating permit No. 0990026-022-AV to incorporate selected changes made by air construction permits No. 0990026-019-AC and 0990026-020-AC

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Construction Permit 0990026-019-AC was issued May 21, 2013
Construction Permit 0990026-020 –AC was issued June 7, 2013
Previous revised Title V Air Operation Permit No. 0990026-022-AV was issued October 14, 2013
Application for this Title V Air Operation Permit Revision (0990026-024-AV) was received March 3, 2014**.**
Draft/Proposed issued on April 14, 2014. The applicant submitted comments and Palm Beach County Health Department submitted comments requiring a new Draft/Proposed to be issued.

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 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.

NESHAP: The facility does operates 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) applies to Units 001, 002, 003, 004, 005 and 008.

PROJECT REVIEW

This project is to revise the existing Title V operating permit No. 0990026-022-AV to incorporate selected changes made by air construction permits No. 0990026-019-AC and 0990026-020-AC. (These permits allowed the use of natural gas as a fuel for Boiler Nos. 1, 2, 3, 4, 5, 8, and authorized construction for Boiler Nos. 1 and 2 waterwalls, generating bank steam tubes, and dust collectors). This Title V operating permit revision only addresses the natural gas burning in Boilers Nos. 1 and 2 and the replacement of waterwalls in Boiler No.1. (Note: Natural gas burning in Boilers Nos. 4, 5 and 8 has already been incorporated in the recent Title V operating permit No. 0990026-022-AV. Natural gas burning in Boiler No. 3 and Boiler No. 2 waterwalls replacement will be addressed in a future Title V permit revision).

CONCLUSION

This project revises Title V air operation permit No. 0990026-022-AV, which was issued on October 14, 2013. This Title V air operation permit revision is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.