

Best Available Control Technology (BACT) Determination
Bacardi Bottling Corporation
Facility ID 0310014
Duval County

This BACT determination is required for the source(s) as set forth in Rules 62-296.400, Florida Administrative Code (FAC), - Specific Emissions Limiting and Performance Standards, and Rule 62-296.406, FAC, - Fossil Fuel Steam Generators with less than 250 Million Btu per hour Heat Input, New and Existing Sources.

The applicant has applied for a construction/modification permit for three existing boilers which currently burn very low sulfur fuel oil. The applicant proposes to add natural gas as an additional fuel.

BACT Determination Requested by Applicant:

Particulate matter emissions and sulfur dioxide emissions shall be controlled by the firing of natural gas or very low sulfur content No. 2 (distillate) fuel oil. The sulfur content of the fuel oil shall not exceed 0.05%, by weight

Date of Receipt of BACT Application:

November 22, 2006

BACT Determination by the Department:

Particulate matter emissions and sulfur dioxide emissions shall be controlled by the firing of natural gas or very low sulfur content No. 2 (distillate) fuel oil. The sulfur content of the fuel oil shall not exceed 0.05%, by weight.

BACT Determination Rationale:

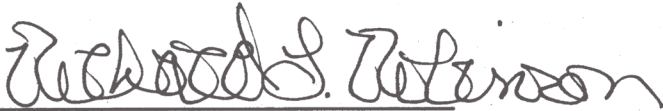
Sulfur in fuel is a primary air pollution concern since most of the fuel sulfur becomes sulfur dioxide. Particulate Matter emissions are also related to the sulfur content of the fuel oil.

This determination is consistent with other recent BACT Determinations for small boilers (i.e., less than 100×10^6 Btu/hr firing rate) and is more stringent than Subpart Dc, New Source Performance Standards.

Details of the Analysis may be obtained by Contacting:

Jerry Woosley
Environmental Engineer
Environmental Resource Management Department
Environmental Quality Division
117 West Duval Street, Suite 225
Jacksonville, FL 32202

Approved by:

A handwritten signature in black ink, appearing to read "Richard S. Robinson", written over a horizontal line.

Richard Robinson, P.E., Manager
Air Pollution Source Permitting Section

1/18/07

Date