TECHNICAL EVALUATION

AND

PRELIMINARY DETERMINATION

I. GENERAL INFORMATION

A. APPLICANT

CEMEX Cement, Inc.
P.O. Box 120
Clinchfield, GA 31013

Permit No: 0310091-003-AC
County: Duval

B. PROJECT

On March 20, 2006 the applicant, CEMEX Cement, Inc., applied to the Department for a permit to modify the existing cement storage and transfer operation located at 6659 Highway Ave., Jacksonville, Duval County, FL 32205.

II. RULE APPLICABILITY

The facility is located in an area designated as unclassifiable for the air pollutants sulfur dioxide, particulate matter less than or equal to ten (10) micrometers, and lead; in an air quality maintenance area for ozone, and in the area of influence of an air quality maintenance area for particulate matter pursuant to Chapter 62-204, Florida Administrative Code (FAC), and Rule 2.201, Jacksonville Environmental Protection Board (JEPB).

The facility is a minor source of air pollution because the potential emissions of regulated air pollutants are less than 100 tons per year pursuant to Chapter 62-210, FAC, and JEPB Rule 2.301.

III. TECHNICAL EVALUATION

This project is for the installation of a dust collector on the existing tanker truck loading operation. Cement for shipment is unloaded from two storage silos into tanker trucks through a loading bay.

EU No.	EU Description	Control Device
002	Truck Loading Operation	DCL Dust Collector Model No. CFM-330

This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.

The maximum process input rate of cement shall not exceed 150 tons per hour.

The nominal volumetric flow rate for this emissions unit (baghouse) is 1800 dry standard cubic feet per minute.

Particulate Matter (PM) emissions shall not exceed 0.03 grains per dry standard cubic foot [0.46 pounds per hour and 2.01 tons per year].

Visible Emissions (VE) shall not exceed 5% opacity.

IV. CONCLUSION

Based upon information provided by the applicant, the Department has reasonable assurance that the proposed construction/modification of the existing cement storage and transfer operation, as described in this application and subject to the conditions proposed herein, will not cause, or contribute to a violation of any ambient air quality standard or other technical provision of Chapters 62-296 and 62-297, FAC, JEPB Rules 2.1001 and 2.1101.