

STATEMENT OF BASIS

BPB MANUFACTURING, INC.

Facility ID No.: 0310202

Duval County

Title V Air Operation Permit Renewal

FINAL Title V Air Operation Permit Renewal No.: 0310202-009-AV

The initial Title V Air Operation Permit No. 0310202-002-AV was effective on 16-DEC-1999. This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The purpose of this permit is to renew Title V Air Operating Permit No. 0310202-007-AV.

This facility consists of a manufacturing plant for the production of gypsum wallboard. Gypsum ore is received at the plant by ship, barge, or truck and unloaded into stockpiles. Gypsum ore is then conveyed to the crushing (hammermill) and conveying system. Crushed ore is conveyed to the landplaster system where the crushed gypsum is further ground in the Raymond mills and dried in the flash dryers. The finely ground and dried gypsum (known as landplaster) is conveyed to the stucco production area where the landplaster is introduced into calcining kettles which by indirect heating drive off the chemically bound water from the landplaster which turns it into a product called stucco. Stucco is then dry mixed with other additives and introduced to the pin mixer where water is added to the mix. The liquid stucco mix is then introduced between two sheets of paper in the wallboard forming machine to form wallboard. The wet wallboard is dried on the conveying line, cut, end-trimmed and stacked for distribution. Regulated emission units (EU) include the Gypsum Rock Unloading and Storage, Gypsum Ore Crushing System and Conveyors, Landplaster Production System, Calcining Kettle Burner Nos. 1, 2, and 3, Stucco Production System, Board Plant Mixing System, Wallboard Line including the Wallboard Dryer, Wallboard End Trim System, the BPG/Reclaim Drying and Milling System, and the BPG/Reclaim Handling and Storage System.

<u>EU ID No.</u>	<u>Brief Description</u>
001	Gypsum Ore Crushing System & Conveyors
003	Landplaster Production system
004	Board Plant Mixing System
005	Wallboard End Trim System
007	Calcining Kettle Burner Nos. 1, 2, and 3
008	Wallboard Dryer
016	BPG/Reclaim Drying and Milling System
017	Stucco Production System
018	BPG/Reclaim Handling and Storage System
019	Gypsum Rock Unloading and Storage

Also, included in this permit are insignificant emission units and/or activities.

Emission Unit Nos. 003, 004, 005, and 017 are subject to compliance assurance monitoring (CAM) requirements.

Based upon the initial Title V permit application received June 14, 1996, and the renewal application received December 2, 2003 this facility is not a major source of Hazardous Air Pollutants [HAP(s)].