

# BELZONA BALL MILL BEARING PLATE

ID: 65

Industry: Power

Application: SHM-Solids Handling Machinery

Customer Location: Coal Fired Power Plant in Alabama

Application Date: 1994

Substrate: Steel

Products: \* Belzona® 1811 (Ceramic Carbide),

## Problem

Coal fines cause wear behind the bearing plate resulting in holes and allowing coal to drop out of the pulverizer.



## Photograph Descriptions

- \* Outside view of the coal pulverizer. ,
- \* Holes behind bearing plate of ball mill. ,
- \* Holes sealed, Belzona® 1811 in place. ,

## Application Situation

Coal pulverizer-ball mill bearing plate

## Application Method

The application was carried out in accordance with Belzona Know-How Leaflet SHM-7.

## Belzona Facts

The use of Belzona saves the plant \$20,000 in replacement cost for the bearing plate and also saves one week downtime. Since 1994, one dozen of these applications have been performed. An inspection two years later shows the repair to be in great condition.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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