

BELZONA BALL MILL BEARING PLATE

CUSTOMER

Coal Fired Power Plant in Alabama

APPLICATION DATE

1994

APPLICATION SITUATION

Coal pulverizer-ball mill bearing plate

PROBLEM

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

PRODUCTS

Belzona® 1811 (Ceramic Carbide)

SUBSTRATE

Steel

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System 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. Inspection two years later shows the repair to be in great condition.

PICTURES

1. Outside view of the coal pulverizer.
2. Holes behind bearing plate of ball mill.
3. Holes sealed, Belzona® 1811 in place.



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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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