

# BELZONA SOLVES COAL POWER PLANT ASH PIPE PROBLEM

ID: 697

Industry: Power  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Cast Steel  
Products: \* Belzona® 1811 (Ceramic Carbide),

Customer Location: Coal Power Plant, Macedonia  
Application Date: October 2004

## Problem

*Holed pipe caused by coal ash containing a high percentage of quartz*



## Photograph Descriptions

- \* Application situation ,
- \* A traditional repair which had holed again ,
- \* The Belzona repair ,

## Application Situation

Forked Ash Pipe

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet VPF-11.

## Belzona Facts

Every few weeks some of these pipes become holed and are traditionally welded. Welding these pipes is typically very difficult and after a very short time the problem reappears at the same point. After the application of the Belzona® solution at 30-40mm along with steel plates the problem stopped. By January 2006 there had been many of these repairs completed and none had become

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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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Repair • Protect • Improve

holed again.

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