

# BELZONA, ALTERNATIVE TO REPLACEMENT OF PIPE BENDS

ID: 1005

Industry: Power

Application: SHM-Solids Handling Machinery

Customer Location: Coal-fired powerplant, Croatia

Application Date: March 2007

Substrate: Steel

Products: Belzona® 1812 (Ceramic Carbide FP)

## Problem

Severe erosion damage to pipe bend linings due to the angle and force of coal dust hitting the inner surface of the pipe.



## Photograph Descriptions

\* Damaged pipe close up , \* Damaged pipe , \* Applied Belzona® 1812 , \* Application finished ,

## Application Situation

Coal dust transfer pipeline.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-8.

## Belzona Facts

An initial test proved the cost benefit of the application to the customer during 6 months test period. Belzona® 1812 product acted as a wear surface with minimal metal loss recorded.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve