

# BELZONA FOUR YEARS ON COAL PIPES

ID: 38

Industry: Power

Customer Location: Coal fired power plant in Alabama, U.S.A.

Application: SHM-Solids Handling Machinery

Application Date: January 1991

Substrate: Cast Iron

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

## Problem

Coal piping is worn from years of abrasion.



## Photograph Descriptions

- \* Grit blasting was used for surface preparation ,
- \* Windows were cut to gain access to worn areas ,
- \* Application of product ,

## Application Situation

Fuel lines carry coal from the pulverizer.

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How Leaflet SHM-8.

## Belzona Facts

To gain access in the longest pipes, windows were cut opposite the worn areas. Product was applied and the windows welded together once installed. Rebuilt piping system lasted four years before it was replaced. \$1,000 of product extended the life of the piping system and saved the customer tens of thousands of dollars.

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

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manufactured under an ISO  
9000 Registered Quality  
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