

# THE LIFE EXPECTANCY OF ANOTHER PUMP IS EXTENDED SIGNIFICANTLY WITH BELZONA

ID: 392

Industry: Power

Customer Location: Coal Fired Power Plant in New Mexico, U.S.A.

Application: CEP-Centrifugal Pumps

Application Date: March 2001

Substrate: Cast Iron

Products: \* Belzona® 1311 (Ceramic R-Metal) ,  
\* Belzona® 1321 (Ceramic S-Metal) ,

## Problem

The pump was badly worn and the case ring landings were completely eroded.



## Photograph Descriptions

- \* Sever erosion of the case ring landings ,
- \* Application in progress ,
- \* Casing wear ring seats rebuilt ,
- \* The pump casing is completely refurbished ,

## Application Situation

This pump pumps a solution of water and iron pyrite.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-2, CEP-3 and CEP-5.

## Belzona Facts

Prior to the Belzona application, the life expectancy of this pump was between six months and one year. Two years after the first application the pump is still pumping at peak efficiency. The pump has performed so well that the utility decided to refurbish another pump in early 2003.

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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