

# BELZONA SAVES PUMP FROM THE SCRAP HEAP

ID: 1168

Industry: *Pulp & Paper*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Cast Iron*  
Products: *\* Belzona® 1311 (Ceramic R-Metal) ,*  
*\* Belzona® 1321 (Ceramic S-Metal) ,*

Customer Location: *Paper Mill, Oklahoma U.S.A.*  
Application Date: *May 2007*

## Problem

*Bad injectors had caused Sulfuric acid not to mix well with paper stock and pump was badly eroded. Cut-water on discharge was eroded away and bowl was severely pitted. Holes through pump bowl. After inspection, injectors were moved downstream.*



## Photograph Descriptions

- \* Pump before repair ,
- \* Cut-water rebuild finished ,
- \* Completed application ,

## Application Situation

Customer was looking for alternative to replacement of stock pump. The pump was suffering from chemical attack and had been in service for only four years.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-1, CEP-3 and CEP-5.

## Belzona Facts

The customer saved around \$300,000.00 (US) with Belzona solution. After inspection 1 1/2 years later rebuild is still in good condition with no worn areas.

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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