

# BELZONA GIVES A NEW LIFE TO A PAPER MILL PUMP

ID: 7650

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

Customer Location: *Florida, USA*  
Application Date: *June 2017*

## Problem

*The interior of the pump metal was severely pitted and the efficiency was compromised. This pump was slated to be scrapped because it was in a bad shape. The replacement pump did not arrive in time so the decision was made to try to salvage this pump using Belzona.*



## Photograph Descriptions

- \* 1. Pitting and degradation of the pump after it was blasted with Black Beauty. ,
- \* 2. Before the product application ,
- \* 3. The metal rebuilt and coated ,
- \* 4. Two coats of Belzona 1321 applied over Belzona 1311. ,

## Application Situation

An old pump at a paper mill plant.

## Application Method

Substrate was grit blasted with Black Beauty and then following the Manufacturer's Instructions for Use, a Belzona applicator was used to apply Belzona 1311 to rebuild and smooth out the damaged metal substrate. Belzona 1321 was then applied by a stiff bristle brush in two coats. The application was carried out in accordance with Belzona System Leaflets CEP-3 and CEP-5.

## Belzona Facts

This paper mill had used Belzona to preserve other pumps and chose Belzona to try to save this one.

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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9000 Registered Quality  
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