

# BELZONA REBUILDS STAINLESS STEEL PUMP

ID: 1277

Industry: *Pulp & Paper*

Application: *CEP-Centrifugal Pumps*

Substrate: *Stainless Steel*

Products: *\* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1311 (Ceramic R-Metal) ,*

Customer Location: *Pulp & Paper Plant, Bulgaria*

Application Date: *August, 2008*

## Problem

*Loss of internal profiles of the pump casing as a result of corrosion and erosion processes leading to reduced pump efficiency*



## Photograph Descriptions

- \* Damage to the pump casing after blasting ,
- \* Rebuilding damage inside the casing ,
- \* Flat metal plate used as former to rebuild flange faces ,
- \* Pump rebuild completed ,

## Application Situation

Double end suction centrifugal pump in pulp production

## Application Method

Application was carried out in accordance with Belzona Know-How system Leaflets CEP-1 and CEP-5. After blasting with Aluminium Oxide grit the internal damage was restored with Belzona® 1311. Flange faces & sealing ring seats were rebuilt by forming technique with Belzona® 1111.

## Belzona Facts

Rebuilding and contouring to the original pump profile restored pump efficiency and saved time for delivery and high replacement costs for a new pump.

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