

# BELZONA RESTORES PUMP FROM SUGAR MILL

ID: 1439

Industry: *Sugar*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Cast Iron*  
Products: *\* Belzona® 1111 (Super Metal) ,*  
*\* Belzona® 1391 (Ceramic HT) ,*

Customer Location: *Major Sugar Producer, South Africa*  
Application Date: *March 2010*

## Problem

*Customer looking to repair badly eroded back plate & volute and to coat new Impeller*



## Photograph Descriptions

- \* Pump after grit blasting ,
- \* Baddly worn cut water and hole through volute ,
- \* Finished Application ,
- \* Pump assembled and ready for despatch ,

## Application Situation

Pump handling Condensate at 80 °C

## Application Method

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

## Belzona Facts

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

Conventional weld repairs difficult on cast iron. Belzona provides effective rebuild and restoration of profiles without risk of distortion and Belzona® 1391 provides excellent erosion corrosion protection at the pumps 80 °C operating temperature.

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