

# Belzona Pump Repair - From A to Z

ID: 543

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

Customer Location: Water Plant - Egypt  
Application Date: April 2005

## Problem

The pump casing, cut water, straighteners, wear ring and gland housing were all suffering from erosion-corrosion. Also, there was a long crack on the cut water.



## Photograph Descriptions

- \* General view of the pump before repair. ,
- \* The pump after surface preparation. ,
- \* Crack of cutwater was repaired and the cutwater and the straighteners were rebuilt. ,
- \* Repair complete. Note how the seats and gland housing were perfectly repaired. ,

## Application Situation

Centrifugal pump

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-2, CEP-3, CEP-5 and CEP-6.

## Belzona Facts

Belzona repaired everything in the pump - from the casing to the cut water and straighteners, including repairing the wear ring seat

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.

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and the gland housing. In short Belzona returned this pump which was going to be junk to work again successfully saving the replacement costs of new pump and providing more resistance to the effects of erosion-corrosion than new one.

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