

# BELZONA PUMP RESTORATION

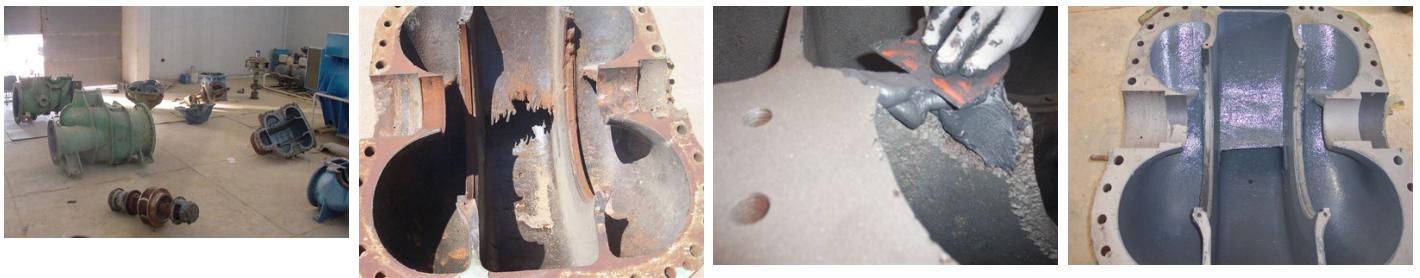
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**Industry:** Buildings & Structures  
**Application:** CEP-Centrifugal Pumps  
**Substrate:** Cast Iron  
**Products:** \* Belzona® 1311 (Ceramic R-Metal) ,  
\* Belzona® 1321 (Ceramic S-Metal) ,

**Customer Location:** Water Plant, Egypt  
**Application Date:** December 2004

## Problem

The four pumps were very badly eroded and corroded. As a result, the flow rate was much lower than the normal flow rate.



## Photograph Descriptions

- \* General view of the four deteriorated pumps ,
- \* Corroded-eroded pump and cut water ,
- \* Rebuilding the eroded areas inside the pump ,
- \* Completed application ,

## Application Situation

Four split casing pumps

## Application Method

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

## Belzona Facts

Each of the four pumps was facing many problems in the cutwater and the wear ring seats which decreased the efficiency of the plant. Instead of buying new pumps Belzona was used to repair the old pumps providing extra protection while restoring the plants power without resorting to buying new expensive units.

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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