

# CAVITATION PROTECTION FOR WATER PUMPS WITH BELZONA

ID: 1414

**Industry:** Fluid Flow  
**Application:** CEP-Centrifugal Pumps  
**Substrate:** Cast iron  
**Products:** \* Belzona 1311 (Ceramic R-Metal) ,  
\* Belzona 1341N (Supermetalglide) ,  
\* Belzona 2141 (ACR-Fluid Elastomer) ,

**Customer Location:** Water treatment plant, Egypt  
**Application Date:** 2008

## Problem

General erosion/corrosion damage and severe cavitation leads to reduced pump efficiency.



## Photograph Descriptions

- \* General view of the pumps ,
- \* Erosion/Corrosion damage ,
- \* The cavitation area after blasting ,
- \* Completed application ,

## Application Situation

End suction centrifugal Water pumps

## Application Method

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

## Belzona Facts

Belzona repaired the cavitation areas and protected the pumps from further cavitation.

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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