

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 (Supermetalgilde) ,
* 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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