

CAVITATION PROTECTION FOR WATER PUMPS WITH BELZONA

CUSTOMER

Water treatment plant, Egypt

APPLICATION DATE

2008

APPLICATION SITUATION

End suction centrifugal Water pumps

PROBLEM

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

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1341N (Supermetalgilde)

Belzona 2141 (ACR-Fluid Elastomer)

SUBSTRATE

Cast iron

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.

PICTURES

1. General view of the pumps
2. Erosion/Corrosion damage
3. The cavitation area after blasting
4. Completed application



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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