

CAVITATION PROTECTION FOR WATER PUMPS WITH BELZONA

ID: 1414



PROBLEM

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

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.

INDUSTRY

Fluid Flow

LOCATION

Water treatment plant, Egypt

APPLICATION DATE

2008

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1341N (Supermetalgilde)
Belzona 2141 (ACR-Fluid Elastomer)

SUBSTRATE

Cast iron

PHOTOS

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 khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com

