

# BELZONA PUMP CASING REPAIR AND PROTECTION

ID: 718

Industry: Power

Application: CEP-Centrifugal Pumps

Substrate: Bronze

Products: \* Belzona® 1311 (Ceramic R-Metal) ,

\* Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Power plant , Egypt.

Application Date: January 2006.

## Problem

*The two casings were deeply eroded and corroded which affected the pressure and the efficiency of the cooling system.*



## Photograph Descriptions

- \* The two corroded casings ,
- \* The surface after preparation ,
- \* Rebuilding the surface using Belzona® 1311 ,
- \* Surface protected with Belzona® 1321 ,

## Application Situation

Two diffuser casings from the main circulating water pumps.

## Application Method

Application was carried out in accordance with Belzona Know-How system leaflet CEP-3 & -5.

## Belzona Facts

Belzona repaired the casing in an easy and effective way, returning casings to original dimensions and maintaining the flow of the pump. Belzona coating provides protection from further corrosion and erosion.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve