

# BELZONA REPAIRS AND PROTECTS SEA WATER CIRCULATION PUMP

ID: 5807

Industry: Power

Application: CEP-Centrifugal Pumps

Substrate:

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

\* Belzona 1341 (Supermetalgilde) ,

Customer Location: Power plant, Fujian, China

Application Date: 2014

## Problem

After years of operation, the casing was badly eroded and damaged by the sea water



## Photograph Descriptions

- \* Overview of the circulation pump ,
- \* Surface preparation by grit blasting ,
- \* Close-up view of the damaged area after the blasting ,
- \* Completed application ,

## Application Situation

The casing of sea water circulation pump

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-1 & CEP-3. Holes were repaired with Belzona 1311. The high spots were ground down to smooth the surface and Belzona 1341 then applied.

## Belzona Facts

The cost of replacing the pump was around £300,000 and Belzona solution cost less than 10%. The life of this pump is extended with improved efficiency of fluid handling. This project won the client's trust and more repair projects have been carried out.

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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9000 Registered Quality  
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