

# Belzona Rebuilds and Protects Severely Corroded Pump

ID: 540

Industry: *Marine*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Cast iron*  
Products: *\* Belzona® 1311 (Ceramic R-Metal) ,*  
*\* Belzona® 1321 (Ceramic S-Metal) ,*

Customer Location: *Cargo ship in a marine shipyard - Egypt*  
Application Date: *April 2004*

## Problem

*Severe corrosion and erosion inside the pump that led to many holes in the pump casing.*



## Photograph Descriptions

- \* General view of the corroded pump ,
- \* The pump from inside before repair ,
- \* Rebuilding the worn out part of the pump after repairing the holed areas ,
- \* Belzona® 1321 was applied to protect the pump ,

## Application Situation

Main circulating water pump.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-3 and CEP-5.

## Belzona Facts

Belzona repairs and protects even such worn out pump returning it to service as quickly as possible saving the cost of a new unit whilst also giving it increased resistance to the effects of erosion-corrosion.

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.

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