

# 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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