

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

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9000 Registered Quality
Management System.

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