

ENHANCING PUMP EFFICIENCY WITH BELZONA

ID: 814

Industry: *Buildings & Structures*

Application: *CEP-Centrifugal Pumps*

Substrate: *Cast iron*

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

Belzona® 1341 (Supermetalgilde)*

Customer Location: *Water supply station, Egypt*

Application Date: *February 2003*

Problem

The efficiency of the pump had decreased due to the eroded casing and impeller.



Photograph Descriptions

* Pump removed from service , * Cavitated impeller , * Impeller rebuilt and coated , * Casing completed ,

Application Situation

Large centrifugal water pump.

Application Method

Application procedures were carried out in accordance with Belzona® Know-How System Leaflet CEP-5 & 10.

Belzona Facts

The pump casing and impeller were rebuilt to their original dimensions. As a result and with coating the casing and impeller with Belzona® 1341 the efficiency of the pump has been increased from 800 lit/sec. to 1100 lit/sec.

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

Copyright © Belzona International Limited 2025


BELZONA®
Repair • Protect • Improve