

# BELZONA ENHANCES PUMP EFFICIENCY

ID: 591

Industry: Water / Wastewater

Application: CEP-Centrifugal Pumps

Substrate: Cast iron

Products: <div>Belzona® 1111 (Super Metal)</div><div>Belzona® 1341 (Supermetalgilde)</div>

Customer Location: Water supply company, Bulgaria

Application Date: May, 2004

## Problem

General erosion/corrosion damage leading to reduced pump efficiency



## Photograph Descriptions

\* Surfaces before application , \* Preparation of the casing , \* Two coats of Belzona® 1341 applied , \* Inspection view after a year in service ,

## Application Situation

Double end suction centrifugal water pump

## Application Method

Application procedures were carried out in accordance with Belzona Know-How System Leaflets CEP-5 and CEP-10.

## Belzona Facts

As a result of applied efficiency enhancement coating and further sealing rings seat repair, reduced power consumption was registered and efficiency increased by 9.91%. The inspection after 12 months in service shows the perfect condition of the applied coating.

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](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve