

# Water Pump that the Customer Intends to Replace Comes to Life with Belzona

ID: 8373

Industry: *Fluid Flow*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Cast iron casing / Bronze impeller*  
Products: *\* Belzona 1311 (Ceramic R-metal) ,*  
*\* Belzona 1321 (Ceramic S-metal) ,*  
*\* Belzona 9111 (Cleaner - degreaser) ,*

Customer Location: *Petrochemical Company, TURKEY*  
Application Date: *August 2020*

## Problem

*Abrasion caused by corrosion in the pump body as a result of long operating time*



## Photograph Descriptions

- \* 1. Belzona 9111 after grit blasting ,
- \* 2. Belzona 1321 coating on Pump Casing ,
- \* 3. Belzona 1321 coating on Pump Casing ,
- \* 4. Belzona 1321 coating on Impeller ,

## Application Situation

The customer was considering replacing the water pump, whose efficiency had decreased as a result of the long operating time. Then they applied to Belzona to save the pump.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-3 & CEP-5

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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## Belzona Facts

The surface was made ready for application by grit blasting in SA 2.5 Standard. The lost surfaces were recovered by filling repairs with Belzona 1311. Then, Belzona 1321 coating was made and the pump body gained high corrosion resistance.

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