

# BELZONA REBUILDS LIFT PUMP

ID: 1047

Industry: Water / Wastewater  
Application: CEP-Centrifugal Pumps  
Substrate: Steel  
Products: \* Belzona® 1311 (Ceramic R Metal) ,  
\* Belzona® 1321 (Ceramic S Metal) ,

Customer Location: Waste Water Utility, Oklahoma  
Application Date: September 2006

## Problem

*Pump had lost efficiency and had to be pulled. The model was foreign and had a four week lead time for parts.*



## Photograph Descriptions

- \* Eroded impeller ,
- \* Impeller reinforced and blasted ,
- \* Blasted and coated bowl ,
- \* Impeller after balance and rebuild ,

## Application Situation

Lift station pump.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-3 and CEP-5.

## Belzona Facts

This impeller and bowl was rebuilt in a local repair shop using Belzona for 40% of the cost of a new one. The customer reported that when reinstalled the check valve has never gone higher!

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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