

# BELZONA RELINES WATER PUMP

ID: 3417

Industry: Water / Wastewater

Customer Location: Water treatment Plant, Stavanger,  
Norway

Application: CEP-Centrifugal Pumps

Application Date: January 2012

Substrate: Carbon Steel

Products: \* Belzona® 1311 (Ceramic R-Metal) ,  
\* Belzona® 1321 (Ceramic S-Metal) ,

## Problem

The pump was suffering erosion/corrosion after 3 years in service due to total breakdown of existing unknown coating.



## Photograph Descriptions

- \* Grit blasted pump prior to application ,
- \* Rebuilding internal damaged areas ,
- \* Finished application ,
- \* Pump and parts coated internal and external prior to return to client ,

## Application Situation

Worthington pump used in water/waste water treatment.

## Application Method

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

## Belzona Facts

These pumps are very expensive. Running the pump with a damaged coating in a waste water environment significantly reduced the life of the pump. The repair was completed in 12 hours and returned to service within 2 days. Belzona Ceramic Metal has a proven track record in erosion corrosion environments.

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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