

# BELZONA RESTORES VACUUM PUMP

ID: 6100

Industry: Food & Drink  
Application: CEP-Centrifugal Pumps  
Substrate: Cast iron  
Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Brewery, Serbia  
Application Date: April 2016

## Problem

The vacuum pump rotor was exposed to aggressive corrosion and its efficient working life was very short. The client required a solution that improved the performance of the damaged pump and gave it new life.



## Photograph Descriptions

- \* Overall condition of rotor ,
- \* View of the condition of the rotor ,
- \* Impeller after grit blasting ,
- \* Completed application ,

## Application Situation

Vacuum pump rotor.

## Application Method

The application was completed in accordance with Belzona Know-How System Leaflets CEP-1 and CEP-3. After grit blasting the rotor was reconstructed with Belzona 1111. Once the shape of the rotor was reformed it was overcoated with Belzona 1321 to provide future erosion corrosion protection.

## Belzona Facts

Belzona injected new life to three impellers for the cost of one new impeller, whilst at the same time extending the effective service life of the pumps.

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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