

# Belzona 1111 & Belzona 4311 reconstructs and protects chemical pump

ID: 8140

Industry: Sugar  
Application: CEP-Centrifugal Pumps  
Substrate: Cast Iron  
Products: \* Belzona 1111 (Super-Metal) ,  
\* Belzona 9111 (Degreaser) ,  
\* Belzona 4311 (Magma CR1) ,  
\* Belzona Flange Face Forming Kit. ,

Customer Location: Switzerland  
Application Date: 15.11.2019

## Problem

*The chemicals attacked or completely destroyed the flange surfaces and parts of the housing.*



## Photograph Descriptions

- \* Image 1: Damaged Pump ,
- \* Image 2: Flange Reform ,
- \* Image 3: Internal Coating Complete ,
- \* Image 4: Flange Reformed. ,

## Application Situation

KSB centrifugal pump which is used for pumping chemicals, in a sugar factory.

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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## Application Method

Re-built with Belzona 1111 with the use of the Flange Face forming kit and then protected with a Belzona 4311 in accordance with Belzona Know-How CEP-03.

## Belzona Facts

The client trusted Belzona with the re-build of the flanges and coating of the internal lining due to the experience of the local distributor with repairing pumps in the local Swiss market.

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