

# BELZONA GIVES LIFE TO PUMP

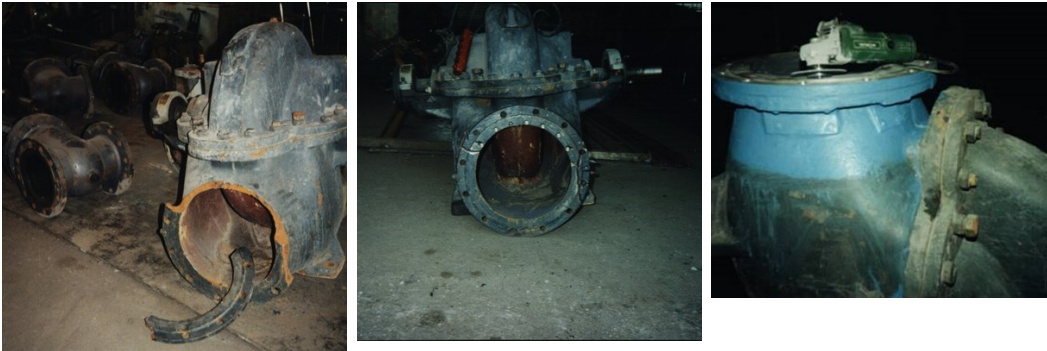
ID: 1096

Industry: Power  
Application: ENC-Engines and Casings  
Substrate: Cast iron  
Products: Belzona® 1111 (Super Metal)

Customer Location: Power Plant, Russia  
Application Date: June, 1998

## Problem

Due to inaccurate assembling of suction pipe and pressure pipe both suction and pressure flanges were torn off the pump body.



## Photograph Descriptions

\* Pump lost its flanges , \* Flanges are in place again with Belzona® 1111 , \* The pump is restored ,

## Application Situation

Large pump 16 NDN working in drainage system.

## Application Method

Flanges were rebuilt from pieces. All cracks in the pump casing were detected, cut out and fixed in accordance with Belzona Know-How System Leaflet ENC-1. Steel reinforcing plates were made. Flanges and reinforcing plates were fixed with Belzona® 1111 and secured with screws.

## Belzona Facts

Repair work took 36 hours. Pressure testing of the pump at test bench showed full impermeability. Put back into operation and worked more than 2 years until planned replacement. With Belzona solution the customer avoided serious losses from new pump purchase and long downtime. Full repair cost only 10% of new pump price.

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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