

# BELZONA IS THE IDEAL SOLUTION FOR WEAR RING REBUILDS

ID: 339

**Industry:** General Industry  
**Application:** CEP-Centrifugal Pumps  
**Substrate:** Cast iron  
**Products:** \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 9411 (Release Agent) ,

**Customer Location:** Machine shop in North Florida, U.S.A.  
**Application Date:** July 1995

## Problem

*The wear ring seat clearances have deteriorated from dissimilar metal corrosion and caused poor pump performance from loss of pump tolerances.*



## Photograph Descriptions

- \* Surface preparation using a side grinder ,
- \* Belzona® 9411 (Release Agent) being applied to new wear rings ,
- \* New seats formed with Belzona® 1111 (Super Metal) ,

## Application Situation

Wear ring seats of a centrifugal pump.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet CEP-2.

## Belzona Facts

The reforming of wear ring seats is a standard repair procedure that does not use uncontrolled heat treatments or specialized machining techniques to achieve a proper fit. By eliminating galvanic effects, the working life of this pump has been dramatically extended.

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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