

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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