

BELZONA IS THE IDEAL SOLUTION FOR WEAR RING REBUILDS

ID: 339



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Machine shop in North Florida, U.S.A.

APPLICATION DATE

July 1995

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 9411 (Release Agent)

SUBSTRATE

Cast iron

PHOTOS

1. Surface preparation using a side grinder
2. Belzona 9411 (Release Agent) being applied to new wear rings
3. New seats formed with Belzona 1111 (Super Metal)

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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