

BELZONA RESEATS WEAR RINGS WITHOUT MACHINING

ID: 1341



PROBLEM

Erosion of wear ring seats caused vibration to the pump which needed repairs on site.

APPLICATION SITUATION

Wear rings of a Worthington pump needed repairs on site.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-2. The wear rings were located on the rotating element and used as former for the seats.

BELZONA FACTS

Belzona® 1121 allowed rebuilding of the wear ring seats to the original profile without machining. Belzona® 1121 is solvent free and does not shrink during cure allowing exact forming of the seat. Also being an insulator Belzona® 1121 eliminates any future galvanic corrosion.

INDUSTRY

Water / Wastewater

LOCATION

Water treatment plant, Canada

APPLICATION DATE

March 2006

PRODUCTS

Belzona 1121 (Super XL Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. The wear ring seat
2. Release Agent applied to wear rings assembled on impellor
3. Surface preparation underway
4. Final result: no machining required

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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