

## BELZONA RESEATS WEAR RINGS WITHOUT MACHINING

### CUSTOMER

Water treatment plant, Canada

### APPLICATION DATE

March 2006

### APPLICATION SITUATION

Wear rings of a Worthington pump needed repairs on site.

### PROBLEM

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

### PRODUCTS

Belzona® 1121 (Super XL Metal)

### SUBSTRATE

Cast Iron

### APPLICATION METHOD

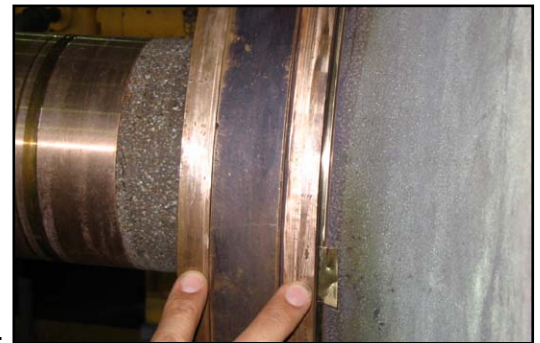
Application was carried out in accordance with Belzona Know-How System Leaflet CEP-2. The wear rings were located on the rotating element and used as former for the seats.

### 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.

### PICTURES

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 <http://khia.belzona.com>



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