

# BELZONA REPAIRS DEWATERING CENTRIFUGE

ID: 291

Industry: Water / Wastewater

Customer Location: Wastewater treatment plant in California U.S.A.

Application: SHM-Solids Handling Machinery

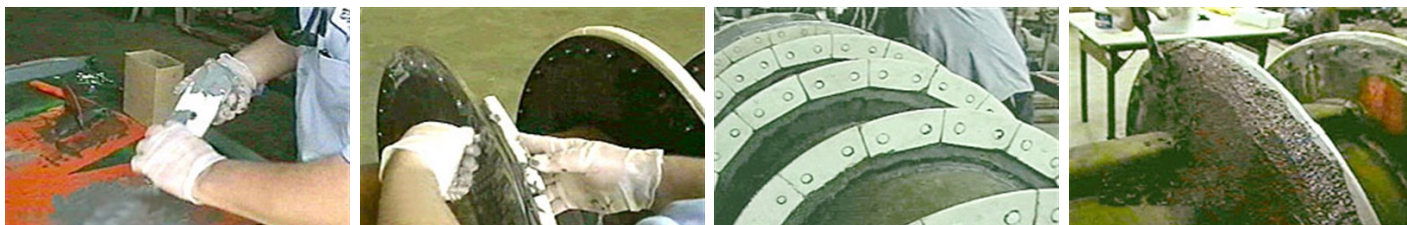
Application Date: February 2001

Substrate: Carbon Steel

Products: \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1811 (Ceramic Carbide) ,

## Problem

Sludge constantly got behind wear tiles which caused corrosion as well as erosion of the flights. The unit became unbalanced and tiles frequently delaminated, requiring constant maintenance consisting of welding and retiling.



## Photograph Descriptions

- \* Applying Belzona® 1111 (Super Metal) to tiles ,
- \* Fastening tiles to the flights ,
- \* Tiles installed along circumference of flights ,
- \* Belzona® 1811 applied over bolts and inlet port areas ,

## Application Situation

Worn flights on a Humboldt Dewatering Centrifuge.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-7.

## Belzona Facts

This application took place at the largest wastewater facility in the country. By using Belzona, it protected the flights and extended the time between routine servicing and maintenance.

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  
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