

BELZONA REPAIRS DEWATERING CENTRIFUGE

ID: 291



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.

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.

INDUSTRY

Water / Wastewater

LOCATION

Wastewater treatment plant in California U.S.A.

APPLICATION DATE

February 2001

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1811 (Ceramic Carbide)

SUBSTRATE

Carbon Steel

PHOTOS

1. Applying Belzona 1111 (Super Metal) to tiles
2. Fastening tiles to the flights
3. Tiles installed along circumference of flights
4. Belzona 1811 applied over bolts and inlet port areas

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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