

BELZONA RESTORES VACUUM PUMP

ID: 6100



PROBLEM

The vacuum pump rotor was exposed to aggressive corrosion and its efficient working life was very short. The client required a solution that improved the performance of the damaged pump and gave it new life.

APPLICATION SITUATION

Vacuum pump rotor.

APPLICATION METHOD

The application was completed in accordance with Belzona Know-How System Leaflets CEP-1 and CEP-3. After grit blasting the rotor was reconstructed with Belzona 1111. Once the shape of the rotor was reformed it was overcoated with Belzona 1321 to provide future erosion corrosion protection.

BELZONA FACTS

Belzona injected new life to three impellers for the cost of one new impeller, whilst at the same time extending the effective service life of the pumps.

INDUSTRY

Food & Drink

LOCATION

Brewery, Serbia

APPLICATION DATE

April 2016

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast iron

PHOTOS

1. Overall condition of rotor
2. View of the condition of the rotor
3. Impeller after grit blasting
4. Completed application

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