

WATER PUMP THAT THE CUSTOMER INTENDS TO REPLACE COMES TO LIFE WITH BELZONA

CUSTOMER

Petrochemical Company, TURKEY

APPLICATION DATE

August 2020

APPLICATION SITUATION

The customer was considering replacing the water pump, whose efficiency had decreased as a result of the long operating time. Then they applied to Belzona to save the pump.

PROBLEM

Abrasion caused by corrosion in the pump body as a result of long operating time

PRODUCTS

Belzona 1311 (Ceramic R-metal)

Belzona 1321 (Ceramic S-metal)

Belzona 9111 (Cleaner - degreaser)

SUBSTRATE

Cast iron casing / Bronze impeller

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-3 & CEP-5

BELZONA FACTS

The surface was made ready for application by grit blasting in SA 2.5 Standard. The lost surfaces were recovered by filling repairs with Belzona 1311. Then, Belzona 1321 coating was made and the pump body gained high corrosion resistance.

PICTURES

1. Belzona 9111 after grit blasting
2. Belzona 1321 coating on Pump Casing
3. Belzona 1321 coating on Pump Casing
4. Belzona 1321 coating on Impeller



1.



2.



3.



4.

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