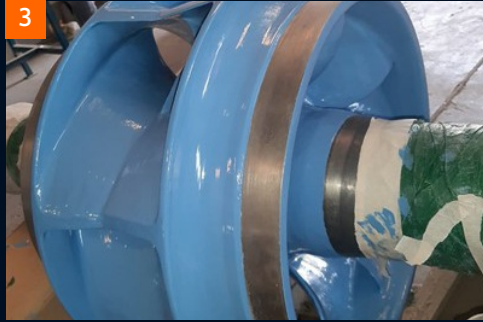


PROTECTION OF PUMP IMPELLER FROM SEAWATER SERVICE

ID: 9192



PROBLEM

The impeller was exposed to corrosion due to unfiltered seawater as the pump medium. The customer needed a coating that could prevent corrosion and increase pump efficiency.

APPLICATION SITUATION

Belzona provides long-term corrosion protection and improved efficiency. No other coating could provide the two properties that the customer expected.

APPLICATION METHOD

Grit blasting with a surface profile of 75 microns and a cleanliness of Sa2.5. Application was carried out in accordance with Belzona Know-How System Leaflet CEP-3 with two coats of Belzona 1341 according to the IFU.

BELZONA FACTS

Belzona 1341 contributed to improved pump efficiency and long-term protection of the equipment.

INDUSTRY

Oil & Gas

LOCATION

Dhahran

APPLICATION DATE

July 2023

PRODUCTS

Belzona 1341 (Supermetalglide)

SUBSTRATE

Carbon steel

PHOTOS

1. Before application
2. Close up of impeller vanes
3. Fully coated impeller for protection
4. Another angle for completed application

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.

www.belzona.com

