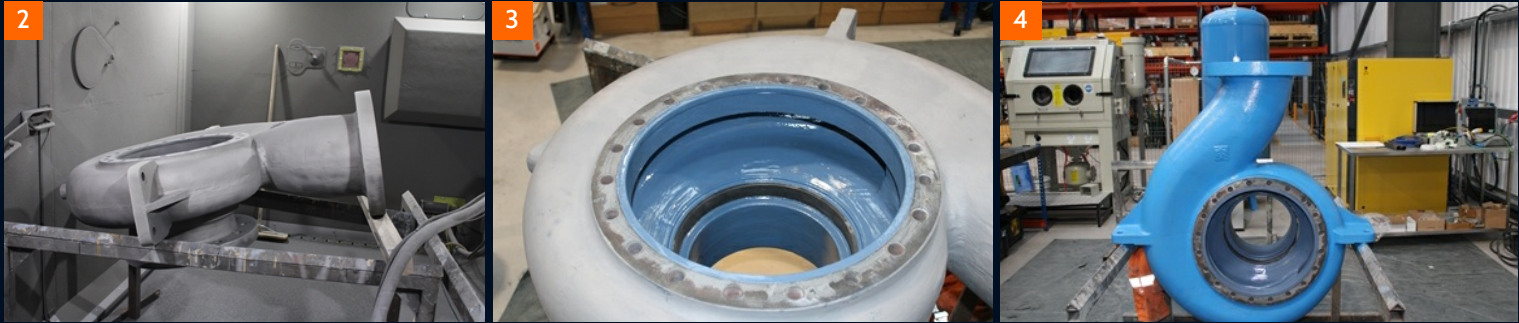


BELZONA REPAIRS & PROTECTS END SUCTION PUMP

ID: 9326



PROBLEM

A pump casing was suffering from the effects of erosion & corrosion in service. A protective coating was required to extend the life of the pump in future service.

APPLICATION SITUATION

By carrying out these repairs the casing could be returned to service for many more years

APPLICATION METHOD

The casing was grit blasted to SA2.5 & 75 microns. Any metal repairs were carried out using Belzona 1311 Ceramic R metal. Two coats of Belzona 1321 Ceramic S Metal were then applied.

BELZONA FACTS

The Belzona 1321 Ceramic S Metal system is highly corrosion & erosion resistant. It also has a relatively thin film thickness which means the pumps performance is not adversely affected by flow constrictions as can be the case with thick coatings.

INDUSTRY

Oil & Gas

LOCATION

United Kingdom

APPLICATION DATE

March 2024

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon steel

PHOTOS

- 1. Pump inspection
- 2. Surface preparation in grit blasting booth
- 3. Belzona 1321 being applied
- 4. Belzona 1321 applied internally

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

