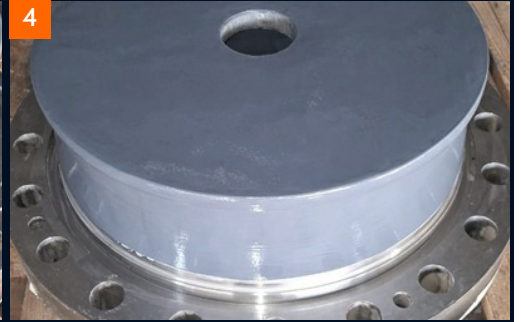
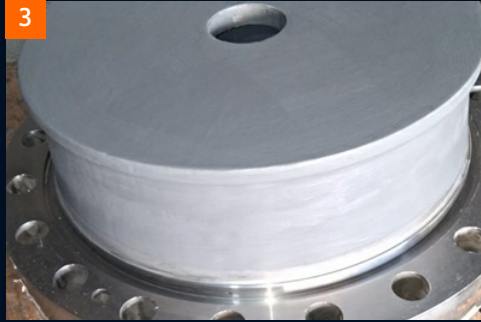


BELZONA SOLUTION FOR REBUILDING AND COATING OF STUFFING BOX

ID: 9740



PROBLEM

The stuffing box of the pump experienced erosion and corrosion, leading to pitting damage on the internal surfaces and impacting performance.

APPLICATION SITUATION

A repair utilizing a combination of Belzona rebuild-grade materials and a subsequent lining with Belzona ceramic coating enhanced protection and extended the asset's operational lifespan.

APPLICATION METHOD

Belzona 1121 and Belzona 1321 were applied following the guidelines of Belzona System Leaflets CEP-01 and CEP-03.

The corroded areas were rebuilt manually using a stiff bristle brush and the provided plastic applicator, in accordance with the approved IFU.

BELZONA FACTS

Belzona 1321 is a ceramic-filled epoxy coating specifically designed to protect metal surfaces from erosion and corrosion.

Belzona 1121 is a two-component paste-grade system with an extended working life, ideal for repairing and rebuilding machinery and equipment. It also serves as a high-performance, abrasion-resistant rebuilding solution.

INDUSTRY

Fluid Flow

LOCATION

DUBAI, UNITED ARAB EMIRATES

APPLICATION DATE

January 2025

PRODUCTS

Belzona 1121 (Super XL-Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon steel

PHOTOS

1. Severely corroded equipment.
2. During the rebuilding works using Belzona 1121.
3. Re-built stuffing box after the application of Belzona 1121.
4. Final equipment after the Belzona 1321 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

