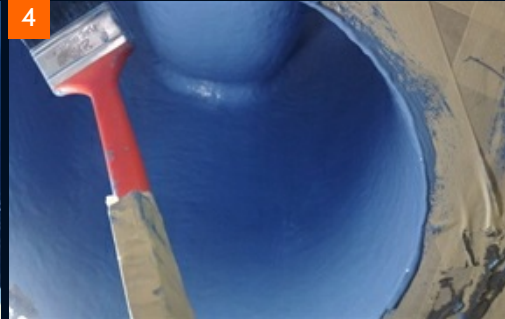


REPAIR AND PROTECTION OF CENTRIFUGAL SPLIT CASING PUMP

ID: 9630



PROBLEM

The pump faced erosion and corrosion of the pump casing, resulting in pitting damage across the internal surfaces affecting performance.

APPLICATION SITUATION

A repair using Belzona 1111 and Belzona 1341 have avoided replacements, saved the customer repair and maintenance costs and improved pump efficiency.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet CEP-01 and CEP-03.

Blasting was performed for surface preparation according to Instruction For Use. Belzona 1111 was used to fill pitting and rebuild the ring seat area using the forming technique with Belzona release agent. Finally 2-coat system of Belzona 1341 was applied according to Instruction For Use.

BELZONA FACTS

Belzona has a proven track record of pump repair and the products used have outstanding performance. The customer has long experienced that such solution is superior to any other brands in the market. Pumps repaired and protected last for years in service.

INDUSTRY

Oil & Gas

LOCATION

Saudi Arabia

APPLICATION DATE

May 2024

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast Iron

PHOTOS

1. Pitting damage appeared after blasting
2. Damage repaired with the paste grade
3. Coating application to the cutwater
4. Coating application to the nozzle

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.

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