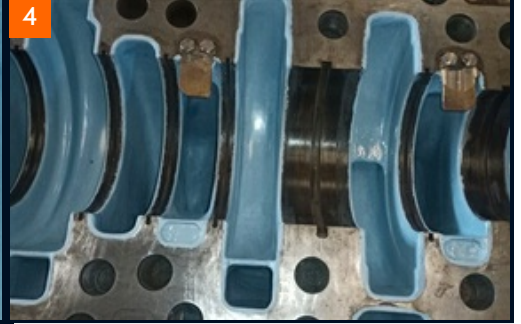


COATING AND REBUILDING MULTI-STAGE PUMP WITH BELZONA 1111 AND BELZONA 1341N

ID: 9752



PROBLEM

Multi-stage pump showed evidence of corrosion and erosion due to exposure to water.

APPLICATION SITUATION

Customer is very satisfied from previous jobs that has been done with Belzona 1341N and he asked for repairing and coating this pump with Belzona 1111 and Belzona 1341N.

APPLICATION METHOD

1. Surface preparation was achieved by grit blasting to reach near-white metal and a 75 µm profile, as per the manufacturer's Instructions for Use.
2. Pit filling with Belzona 1111 (Super Metal)
3. Overcoat the rebuilt surface with 2 coats of Belzona 1341N (Supermetalgilde), 250 µm each.

BELZONA FACTS

This coating helps the customer to protect the pump, extend its 24/7 operation lifespan, and reduce power consumption. With Belzona coating system, customers save cost of downtime, power consumption and maintenance.

INDUSTRY

Water / Wastewater

LOCATION

Saudi Arabia

APPLICATION DATE

February 2025

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1341N (Supermetalgilde)

SUBSTRATE

Carbon steel

PHOTOS

1. Pump condition before application
2. Pump condition after blasting
3. Pump component coated with Belzona 1341N
4. Pit filling with Belzona 1111 and coated with Belzona 1341N for the pump

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

