

Sea Water Valve Refurbishment

ID: 9638

Industry: Chemical & Petrochemical

Customer Location: Saudi Arabia

Application: VPF-Valves, Pipes and Fittings

Application Date: February 2022

Substrate: Carbon steel

Products: Belzona 1111 (Super Metal), Belzona 1341 (Supermetalgilde)

Problem

Valve was heavily corroded and worn out due to the saltwater attack.



Worn out metal



Welding metal supports before applying Belzona 1111 (Super Metal)



Belzona 1111 (Super Metal) rebuilt the damaged metal surface



Valve coated with Belzona 1341 (Supermetalgilde)

Application Situation

With Belzona solution, the customer does not need to buy a new valve and can get the operation back to normal within three days.

Application Method

1. Rebuild the worn metal with Belzona 1111 (Super Metal)
2. Machine to the original dimensions to get a proper seal area
3. Overcoat the part with Belzona 1341 (Supermetalgilde)

Belzona Facts

The Belzona solution saved a butterfly valve and put back into service without the need to purchase a new valve.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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