

BELZONA ELASTOMER REPAIRS DAMAGED RUBBER LINING OF SEAWATER LINE FILTER

ID: 9483

Industry: Chemical & Petrochemical
Application: VPF-Valves, Pipes and Fittings
Substrate: Stainless-steel
Products: Belzona 2211 (MP Hi-Build Elastomer), Belzona 2921 (Elastomer GP Conditioner)

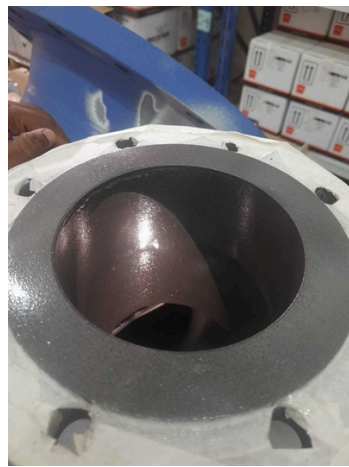
Customer Location: MESAEED, QATAR
Application Date: July 2024

Problem

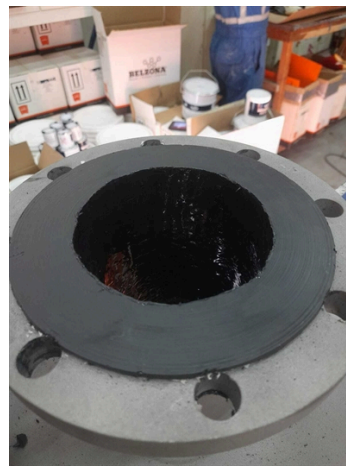
Damaged existing rubber lining, the metal shell was punctured due to liquid medium contact to metal which create pinholes on the nozzle welding joint.



After surface preparation AND DURING SALT CONTAMINATION TEST



COMPLETED SURFACE CONDITIONER APPLICATION.



COMPLETED FLANGE FACE FORMING USING FLANGE FACE FORMER.



RUBBER LINING REPAIR COMPLETED

Application Situation

The rubber lining was detached starting from inner surface of the pipe up to the connected nozzle flange face. The nozzle size is 6 inches, a metal former was fabricated to maintain the required 5mm thickness inside the nozzle surface.

Flange Face Forming is required on the worn out rubber lining of the flange face.

Application Method

The application was done using a stiff bristle brush, provided plastic applicator, fabricated flange face former and a fabricated metal using Belzona 2921 as the surface conditioner and Belzona 2211 as the rebuilding material.

The application was done in accordance with Belzona System Leaflet VPF-03 and VPF-17

Belzona Facts

Belzona 2211 Elastomeric high build compound designed for tough but flexible multi purpose repair.

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.

www.belzona.com


BELZONA
Repair • Protect • Improve