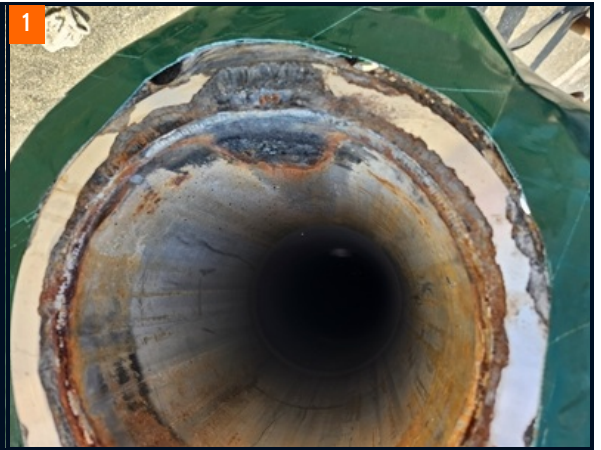


FLANGE FACE FORMING TECHNIQUE RESTORES DAMAGED SAND FILTER FLANGE

ID: 10015



PROBLEM

The customer reported damage to the flange face on the stainless-steel spools of the sand filters. A repair solution was required to restore the flange face surface.

APPLICATION SITUATION

A cost-effective and time-saving solution is required to restore the damaged flange face.

APPLICATION METHOD

1. Apply release agent on the former and allow it to cure
2. Apply Belzona 1111 (Super Metal) on both the flange face and the former that has been coated with Belzona 9411 release agent
3. Install the former on the prepared flange face and use the bolts to tighten the former to the flange face
4. Remove any excess Belzona 1111 (Super Metal)
5. Once the product is cured, remove the former.

BELZONA FACTS

The Belzona Flange Face Forming technique was the fastest and most cost-effective way.

INDUSTRY

Water / Wastewater

LOCATION

Saudi Arabia

APPLICATION DATE

September 2023

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 9411 (Release Agent)

SUBSTRATE

Stainless-steel

PHOTOS

1. Damaged flange face on stainless-steel spools of the sand filters
2. Close-up of the damaged flange face on the stainless-steel sand filter spool.
3. Flange face repair by flange face forming technique in progress
4. Complete application of flange face forming

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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