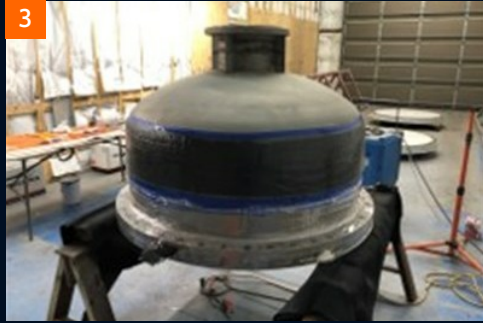
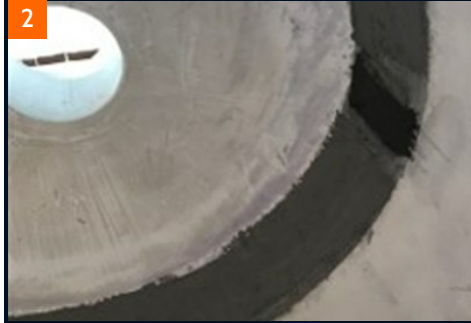


BELZONA REPAIRS CRACKED HEAD

ID: 8593



PROBLEM

New head would cost upwards of \$75,000 and would have a 6 month lead time.

APPLICATION SITUATION

A stainless steel head to a pressure vessel has a hairline crack along a weld.

APPLICATION METHOD

Cracks were found using dye penetrate. All cracks were terminated, holes drilled and tapped 3/8" deep, and set screws installed. Belzona 1511 was used to flush out and rebuild the circumferential weld. Belzona SuperWrap II was applied on both the internal and external surface as a 6 layer system. Belzona 1593 was applied to the internals as a 2 coat system for additional protection.

BELZONA FACTS

Application completed over the weekend. Still in service after 2 years. Amine service at 250 F.

INDUSTRY

Chemical & Petrochemical

LOCATION

Houston

APPLICATION DATE

2019

PRODUCTS

Belzona 1511 (Super HT-Metal)
Belzona 1983
Belzona 9381 (SWII reinforcement sheet)
Belzona 1593

SUBSTRATE

Stainless Steel

PHOTOS

1. Cracks found with dye penetrate
2. 1st coat of Belzona 1593 and internal SW II after sweep blast
3. External SuperWrap II
4. Final coat of Belzona 1593

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

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