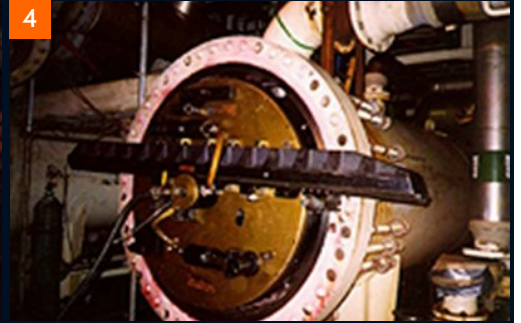
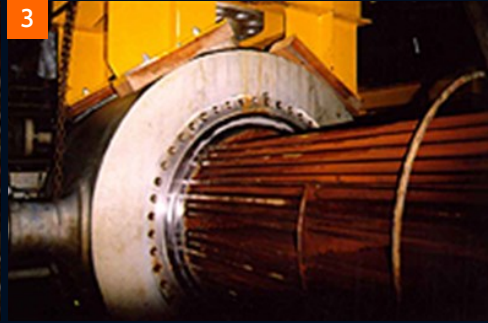


BELZONA 1111 REPAIRS TO CREVICE CORROSION

ID: 84



PROBLEM

Incorrect joint material caused extensive crevice corrosion on two separate coolers

APPLICATION SITUATION

Flange faces of gas cooler

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflets VPF-1 and VPF-13. Only the localized corrosion pitting was rebuilt on these units and dressing back to profile was carried out using hand tools.

BELZONA FACTS

Belzona repairs were completed in just six hours avoiding the need to weld and machine to size which would have taken several days. This saved gas production losses estimated at tens of thousands of pounds.

INDUSTRY

Oil & Gas

LOCATION

Offshore oil production company

APPLICATION DATE

June 1997

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Inconel

PHOTOS

1. Inspection of the crevice corrosion being undertaken
2. Typical crevice corrosion pitting apparent on the flange face.
3. The Belzona repair completed without removal of the tube bundle
4. The time consuming alternative on-site machining after welding

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

