

BELZONA® 1111 REPAIRS TO CREVICE CORROSION

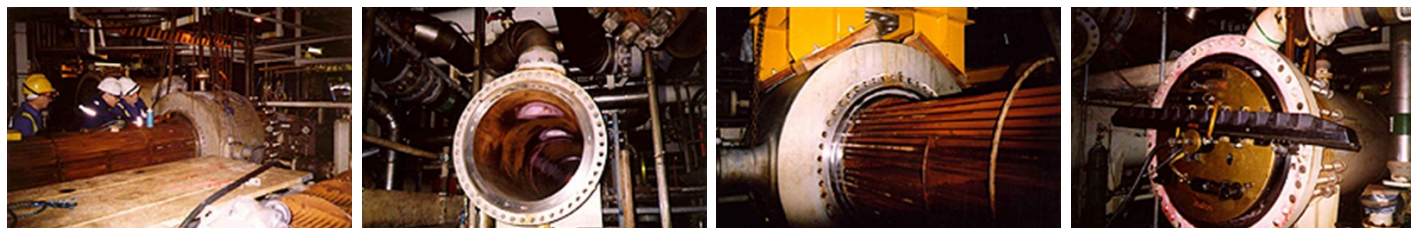
ID: 84

Industry: Oil & Gas
Application: VPF-Valves, Pipes and Fittings
Substrate: Inconel
Products: * Belzona® 1111 (Super Metal) ,

Customer Location: Offshore oil production company
Application Date: June 1997

Problem

Incorrect joint material caused extensive crevice corrosion on two separate coolers



Photograph Descriptions

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

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.

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

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manufactured under an ISO
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