

BELZONA REBUILDS SEA WATER FILTER FLANGES

ID: 962

Industry: Oil & Gas
Application: VPF-Valves, Pipes and Fittings
Substrate: 316 stainless steel
Products: Belzona® 1111 (Super Metal)

Customer Location: Gas Production Company, England
Application Date: September 2002

Problem

Severe crevice corrosion and galvanic cavities on the flanges.



Photograph Descriptions

* A section of a seawater filter basket , * Severe crevice corrosion on 18 flanges , * Belzona® 1111 in place and curing , * Final result

Application Situation

6 x Seawater Filter Baskets

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet VPF-13.

A former was manufactured and with the use of spacers,clamps and release agent, the Belzona® 1111 was formed into perfect flange faces.

Belzona Facts

Time did not allow for replacement baskets to be manufactured. Belzona was the obvious answer to the rebuilding of the corroded areas and the prevention of further bi-metallic corrosion.

Inspected in 2007 flanges still performing OK allowing equipment to be re-assembled with no remedial work required.

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
9000 Registered Quality
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