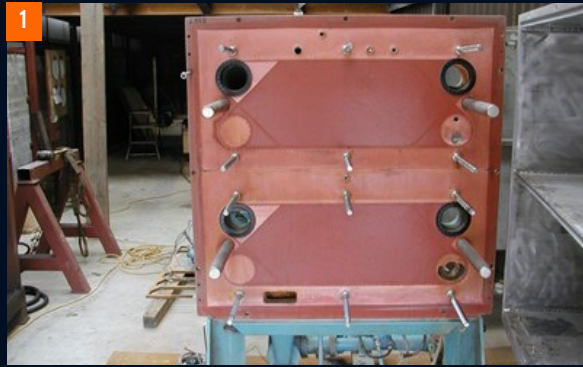


GALVANIC CORROSION IN WATER MAKER REPAIRED WITH BELZONA

ID: 908



PROBLEM

Galvanic corrosion caused by the failure of the insulating gasket caused severe corrosion and under cut the existing glass flake coating. Base material was Carbon Steel plates were Titanium.

APPLICATION SITUATION

The fresh water maker started to leak

APPLICATION METHOD

Application completed in accordance with Belzona System Leaflet VPF-13.

BELZONA FACTS

Weld repair would have damaged more of the existing coating and onsite machining would have had to be used to reinstate the sealing faces and the bore of the nozzles. Time was key factor as this was an emergency repair situation.

INDUSTRY

Water / Wastewater

LOCATION

FPSO UK, North Sea

APPLICATION DATE

July 2002

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1321 (Ceramic S Metal)

SUBSTRATE

Carbon Steel

PHOTOS

1. Water Maker
2. One of the areas of galvanic corrosion
3. Forming the repair
4. Repair completed, perfectly formed flange face

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.

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