

# GALVANIC CORROSION IN WATER MAKER REPAIRED WITH BELZONA

ID: 908

Industry: Water / Wastewater

Customer Location: FPSO UK, North Sea

Application: VPF-Valves, Pipes and Fittings

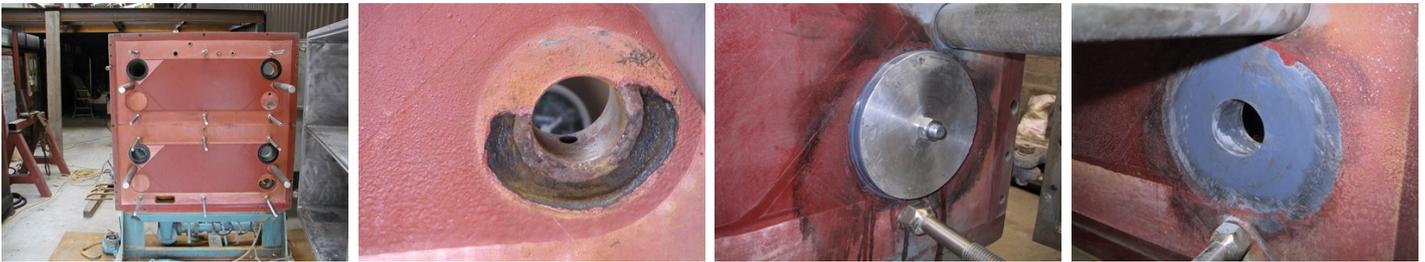
Application Date: July 2002

Substrate: Carbon Steel

Products: \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1321 (Ceramic S Metal) ,

## 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.



## Photograph Descriptions

- \* Water Maker ,
- \* One of the areas of galvanic corrosion ,
- \* Forming the repair ,
- \* Repair completed, perfectly formed flange face ,

## 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.

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ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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