# **GALVANIC CORROSION IN WATER MAKER REPAIRED WITH BELZONA**

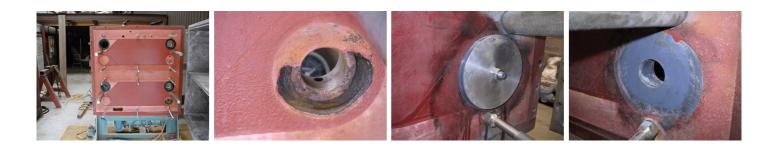
ID: 908

Industry:Water / WastewaterApplication:VPF-Valves, Pipes and FittingsSubstrate:Carbon SteelProducts:\* Belzona® 1111 (Super Metal) ,<br/>\* Belzona® 1321 (Ceramic S Metal) ,

Customer Location: FPSO UK, North Sea Application Date: July 2002

#### 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 FS 695214 ISO 14001:2015 EMS 695213

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