

# BELZONA PROTECTION OF RISER BEND

ID: 2258

**Industry:** Oil & Gas  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Aluminium Bronze  
**Products:** \* Belzona 1311 (Ceramic R-Metal) ,  
\* Belzona 1321 (Ceramic S-Metal) ,

**Customer Location:** North Sea, Norway  
**Application Date:** January 2011

## Problem

The riser bend was suffering from internal erosion corrosion.



## Photograph Descriptions

- \* Riser bend overview ,
- \* Internal Erosion Corrosion ,
- \* Corroded areas rebuilt with Belzona® 1311 ,
- \* Application completed with Belzona® 1321 applied ,

## Application Situation

Riser bend on offshore platform.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet VPF-1 & VPF-2. Following gritblasting all corroded areas were rebuilt using Belzona® 1311. Two coats of Belzona® 1321 were then applied to complete the application.

## Belzona Facts

Replacement of the equipment is very costly. The riser bend was reinstalled offshore after only 2 days, saving time for the customer.

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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9000 Registered Quality  
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