

# MORE THAN 500 FLANGES ENCAPSULATED WITH BELZONA

ID: 6011

Industry: Oil & Gas  
Application: GSS-Gaskets, Seals and Shims  
Substrate: Carbon Steel  
Products: \* Belzona 3411 (Encapsulating Membrane),  
\* Belzona 8411,

Customer Location: Gas Supplier, Oman  
Application Date: December 2015

## Problem

Heavy rain in the region and galvanic corrosion on the flanges caused severe corrosion and unsafe operation. Previous protection was a spray applied system and after inspection of the flanges, the customer was required at an additional cost to mobilise the specialist application team in order to reinstall the system.



## Photograph Descriptions

- \* Substrate ready for application with bolt covers, bridging tape and application of Belzona 8411 ,
- \* Application of base coat of Belzona 3411 ,
- \* Application completed with second coat of Belzona 3411 ,
- \* Completed applications on several flanges ,

## Application Situation

Flange connections on a gas distribution station

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-11.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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Repair • Protect • Improve

## Belzona Facts

The customer chose Belzona since a competitor's solution required spray application by a special application team, leading to long shutdowns and increased costs. The customer chose Belzona 3411 as the system is quick and simple to use and can be easily peeled away, allowing easy access to flange fastenings. The system can also be easily resealed by their own maintenance personnel on site, keeping additional costs down. Belzona 3411 also provides excellent corrosion, UV and weather resistance.

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