

# BELZONA FLANGE REPAIR SYSTEM ON OFFSHORE PROCESS VESSEL

ID: 457

Industry: Oil & Gas  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Coated steel.  
Products: \* Belzona® 1111 (Super Metal) ,

Customer Location: Offshore Oil Company - UK North Sea  
Application Date: May 2003

## Problem

Failure of the glass flake lining material on the flange face had led to severe corrosion on 11 nozzle flange faces.



## Photograph Descriptions

- \* Offshore degasser vessel ,
- \* Flange prior to refurbishment showing failed glass flake coating ,
- \* Following refurbishment with Belzona® 1111 ,

## Application Situation

Nozzle flange faces on offshore degasser vessel

## Application Method

The flange faces were then reformed using equivalent weldneck flanges in accordance with Belzona Know-How System Leaflet VPF-13.

## Belzona Facts

A total of ten flange faces were reformed, and saved using this Belzona technique. The work was completed over several days without the need for any type of hot work, thus saving the customer significant costs in welding time, quality control as well as eliminating much of the risk associated with hot work offshore.

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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