

# BELZONA PROTECTS OFFSHORE DEOILER/BIOCIDE TANK UNIT

ID: 7559

Industry: Oil & Gas  
Application: SOS-Ships and Offshore Structures

Customer Location: Oilfield Operator, North Sea, Norway  
Application Date: October 2016

Substrate: Stainless steel  
Products: \* Belzona 1311 (Ceramic R-Metal) ,  
\* Belzona 1381 ,

## Problem

*Pitting corrosion in an internal stainless steel tank, due to unprotected surfaces and hazardous chemicals. Weld particles also a possible explanation to the problems.*



## Photograph Descriptions

- \* 1. Pitted area. ,
- \* 2. Gritblast details. ,
- \* 3. Belzona 1311 applied to pitted areas. ,
- \* 4. Belzona 1381 completed application. ,

## Application Situation

Internal coating of deoiler/biocide tank unit on an offshore FPSO

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SOS-2. Following gritblasting, Belzona 1311 was used to fill all pitted areas, mostly in the tank bottom. All tank surfaces were then coated in Belzona 1381.

## Belzona Facts

As a result of local pitting and possible through wall defects the unit was becoming a safety and an environmental hazard. A solution to repair was required as an alternative to complete removal. Testplates with several Belzona products were tested and kept immersed in the chemical solutions for 2-3 months in order to select the best product, Belzona 1381 was the stand out performer. As a result of the support from Belzona and the performance of the solution, this was the customers first choice for repair.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**<sup>®</sup>  
Repair • Protect • Improve