

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

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