

OFFSHORE FLOATING HOSES REPAIRED AND PROTECTED WITH BELZONA

ID: 2959

Industry: Oil & Gas
Application: VPF-Valves, Pipes and Fittings
Substrate: Steel
Products: * Belzona® 1321 (Ceramic S Metal) ,

Customer Location: North Sea, UK
Application Date: June 2011

Problem

Corrosion pitting damage on flange faces caused by crevice corrosion posed a severe environmental hazard.



Photograph Descriptions

- * Tanker hoses awaiting repair ,
- * Belzona® 1321 coating inside the hose ,
- * Completed flange face reform ,
- * Internal coating on spool ,

Application Situation

Oil tanker offloading hose spool pieces.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-2 & 13. A prefabricated aluminium former was used to create new flange face surface with Belzona® 1321 including gramophone thread finish. A protective coating of Belzona® 1321 was applied inside the spool to offer protection against erosion-corrosion.

Belzona Facts

Replacement was unacceptable due to long lead times and cost. Belzona solution gave quick back in service time together with improved corrosion resistance making such repairs extremely cost effective.

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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