

# BELZONA AIDS SEALING OF VJ COUPLINGS

ID: 5583

Industry: Oil & Gas  
Application: MPT-Mechanical Power Transmission

Customer Location: FPSO, North Sea, UK  
Application Date: May 2014 ongoing

Substrate: Steel  
Products: \* Belzona 1151 (Smoothing Metal),

## Problem

Corrosion on pipeline prevented VJ coupling from sealing correctly.



## Photograph Descriptions

- \* Corroded pipe ends ,
- \* After grit blasting the corrosion pitting clearly evident ,
- \* Former in place ,
- \* Coupling re-installed on smooth Belzona formed pipe ends ,

## Application Situation

12" crude oil pipeline on FPSO

## Application Method

Application was carried out in accordance with modified version of Belzona Know-How System Leaflet MPT-2. A former was used to rebuild corrosion pitting and to create smooth and accurate landings for the VJ coupling.

## Belzona Facts

The use of Belzona allowed for a quick, hot work free repair to be completed. The corrosion resistant properties of Belzona 1151 will eliminate future corrosion issues ensuring a permanent seal at this joint. This has become a standard procedure for repairing VJ coupled joints with 4" & 6" pipelines repaired using same procedure.

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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9000 Registered Quality  
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