

# BELZONA FLANGE FACE FORMING ON 4" 150psi FLANGES

ID: 5516

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

Customer Location: Oil Major, North Sea, UK  
Application Date: November 2014

## Problem

Existing coating had failed leading to corrosion of the vessel internals and severe loss of metal on the adjacent flanges.



## Photograph Descriptions

\* 1. Damaged flange face 2. Flange face after grit blasting and deep pitting roughly infilled with Belzona 1111 3. Belzona flange former in place 4. Completed application after removing former ,

## Application Situation

Deck water seal of inert gas generator system on an FPSO. Seal handles sea water at ambient temperatures.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet VPF-17 using the Belzona flange face forming kit.

## Belzona Facts

Client was unable to use hot work and had restricted time. Application was carried out over a weekend and the entire solution, from first notification was completed in less than a week. A number of flanges were reformed using the Belzona re-usable formers. The vessel was returned to service with minimum disruption to the production cycle.

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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