

BELZONA FLANGE FACE FORMING ON 4” 150PSI FLANGES

CUSTOMER

Oil Major, North Sea, UK

APPLICATION DATE

November 2014

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Carbon steel

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.

PICTURES

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



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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