

BELZONA FLANGE REPAIR SYSTEM SAVES MONEY

ID: 456



PROBLEM

External corrosion on the flange faces had resulted in the hoses not being able to seal correctly and as a result were considered no longer fit for purpose.

APPLICATION SITUATION

Flange faces on 16", 300lb crude oil transfer hoses

APPLICATION METHOD

A procedure based around Belzona Know-How System leaflet VPF-9 was used to reform the flange faces.

BELZONA FACTS

The four hoses shown in the picture represent a cost to the customer if replaced of approximately £100,000 (\$160,000). All four hoses were effectively covered and tested to 18 bar according to International (OCIMF 1991) and Dunlop Oil & Marine Test Guidelines. This was done for a fraction of the cost of replacement hoses.

INDUSTRY

Oil & Gas

LOCATION

Offshore Oil Company - UK North Sea

APPLICATION DATE

November 2003

PRODUCTS

Belzona 1321 (Ceramic S-Metal)
Belzona 9411 (Release Agent)

SUBSTRATE

Galvanised steel.

PHOTOS

1. Four floating hoses awaiting repair
2. Close up showing corrosion damage and plugs and shims fitted into place
3. Completed application, awaiting dressing down and pressure testing

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

