

BELZONA CRUDE OIL TRANSFER HOSE REPAIR

ID: 395



PROBLEM

The sealing face of the transfer hose flange had been damaged preventing a seal.

APPLICATION SITUATION

Crude oil transfer hose.

APPLICATION METHOD

The galvanising was grit-blasted off and a new sealing face formed using the Belzona® 1321. Rubber plugs were inserted to prevent excess material seeping in to the boltholes. Metal shims were inserted to ensure an adequate thickness of Belzona® 1321 was formed on the flange face.

BELZONA FACTS

Once the galvanised surface had been damaged, corrosion creep had occurred beneath it. The use of Belzona® 1321 not only restores the profile of the sealing face but also offers long term corrosion protection. The entire application was completed for less than £1,000 (\$1,600) compared to the £18,000 (\$28,800) replacement cost of the hose.

INDUSTRY

Oil & Gas

LOCATION

Offshore Oil Company

APPLICATION DATE

Summer 2003

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel with protective galvanising

PHOTOS

1. Former in place and tightened up.
2. The end result shows a perfectly reproduced gramophone sealing face.
3. The hose was then pressure tested to 18 bar according to International (OCIMF 1991) and Dunlop Oil & Marine Test Guidelines.

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.

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