

BELZONA PROTECTS OPEN DRAINS TANK

CUSTOMER

North Sea gas producer

APPLICATION DATE

2003

APPLICATION SITUATION

The open drains tank located below the platform handles the waste chemicals used in the platforms processes. Due to the location it would require extensive lifting facilities and mechanical work to replace.

PROBLEM

Due to the location of the tank it is subjected to a salt environment which accelerates corrosion externally as well as internal corrosion from the process chemicals.

PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1521 (HTSI)

Belzona® 5111 (Ceramic Cladding)

Belzona® 5811 (Immersion Grade)

Belzona® 6111 (Liquid Anode)

Belzona® 9341

SUBSTRATE

Mild Steel

APPLICATION METHOD

The tank base was grit blasted and plates were secured in position using Belzona® 1111 and held in place using chocks. Once the Belzona® 1111 had been allowed to cure, Belzona® 5811 was injected into the gap between the plate and the tank base. In addition all of the tank nozzles were wrapped using Belzona® 1111 / 9341 along with all of the tank base weld seams from the tank side/base joint. Following this the new tank base and sides were coated with Belzona® 6111 / 5111 for future corrosion protection.

BELZONA FACTS

The Belzona solution offered the customer a rapid turnaround as well as a cost saving in excess of \$200,000.

PICTURES

1. Front view showing Belzona product
2. Side view
3. Sealing of tank base seams using Belzona® 1111



1.



2.



3.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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