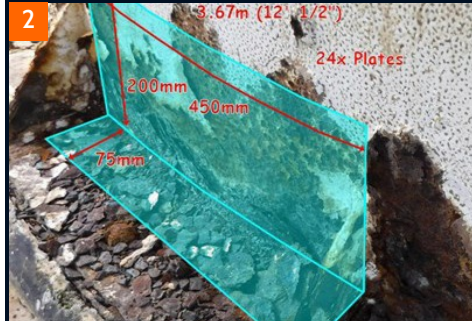


DEFECTIVE DEMIN TANK RETURNED TO SERVICE WITH BELZONA

ID: 8633



PROBLEM

Over the years the lower sections of this tank had suffered extreme corrosion, resulting in several through wall defects. In addition, the bit-sand bed had failed, increasing the likely hood of under base corrosion. The client wanted the tank brought back into service, but internal access was not possible and so all repairs had to be done externally.

APPLICATION SITUATION

Carbon Steel Demin Degasser Tank.

APPLICATION METHOD

Plate bonding was carried out in accordance with Belzona Know-How System Leaflet TCC-01. Tank Base Seal was installed in line with Belzona Know-How System Leaflet GSS-03.

BELZONA FACTS

As with many chemical sites, hot work must be avoided whenever possible, and so these Belzona solutions were ideal. Belzona plate bonding avoids the need for welding and its associated hazards. The Belzona Tank Base Seal is also cold applied, flexible and offers decades of protection from under base corrosion.

INDUSTRY

Chemical & Petrochemical

LOCATION

Petrochemical Plant, Teesside, UK

APPLICATION DATE

2020

PRODUCTS

Belzona 1121 (Super XL-Metal)
Belzona 6111 (Liquid Anode)
Belzona 4131 (Magma Screed)
Belzona 3921 (GSC Conditioner)
Belzona 3131 (WG Membrane)

SUBSTRATE

Carbon Steel and Concrete

PHOTOS

1. Original Damage
2. Plate Design
3. Plates Bonded with Belzona 1121
4. Finished Tank Base Seal application

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

