

BELZONA PROTECTS SLOP OIL TANK

ID: 4354



PROBLEM

Severe corrosion of the tank base due to the chemicals, oil and heat involved led to pitting and holing of the tank base resulting in loss of containment.

APPLICATION SITUATION

Slop oil tank used to store wash chemicals used to clean process vessels and other oil production equipment.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflets TCC-5. Areas of severe corrosion and pitting were identified and repaired using welded plates before the base and 450mm up the vertical walls received a two coat system of Belzona® 1391.

BELZONA FACTS

The cocktail of hot aggressive chemicals and oil residue was causing aggressive pitting and corrosion of the existing carbon steel plates. Following inspection in 2012, the lining was found to be in excellent condition requiring only minor remedial repairs. The coating had ensured the tank experienced trouble free service for 8 years.

INDUSTRY

Oil & Gas

LOCATION

Offshore Platform, North Sea

APPLICATION DATE

2004

PRODUCTS

Belzona 1391 (Ceramic HT Metal)

SUBSTRATE

Carbon Steel

PHOTOS

1. Tank as inspected in 2004
2. Tank base following plate welding
3. Initial application completed in 2004
4. Belzona coating as inspected in 2012

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

