

BELZONA PROTECTS SLOP OIL TANK

ID: 4354

Industry: Oil & Gas
 Application: TCC-Tanks and Chemical Containment Areas
 Substrate: Carbon Steel
 Products: * Belzona® 1391 (Ceramic HT Metal),

Customer Location: Offshore Platform, North Sea
 Application Date: 2004

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.



Photograph Descriptions

- * Tank as inspected in 2004 ,
- * Tank base following plate welding ,
- * Initial application completed in 2004 ,
- * Belzona coating as inspected in 2012 ,

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.

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ISO 9001:2015
 FS 695214
 ISO 14001:2015
 EMS 695213

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 9000 Registered Quality
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