

REFINERY SLOP TANK PROTECTED WITH BELZONA

ID: 6126



PROBLEM

The bottom internal section of the tank was leaking from a previous coating failure which lasted less than two years. The refinery was looking for a longer term solution to protect the tank bottom from corrosion. There was not enough time to replace the bottom.

APPLICATION SITUATION

Base of a storage tank containing crude oil and some medium molecular weight hydrocarbons.

APPLICATION METHOD

New steel plates were welded over the existing through wall defects. The welds and pits were filled with Belzona 1121. Two coats of Belzona 5811 were applied afterwards in two contrasting colors.

BELZONA FACTS

Belzona lasted over seven years compared to the previous coating, saving from the labor cost and taking the tank out of service three times.

INDUSTRY

Oil & Gas

LOCATION

Oklahoma, USA

APPLICATION DATE

March 2005

PRODUCTS

Belzona 1121 (Super XL-Metal)

Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon Steel

PHOTOS

1. Picture of the tank
2. Filling the pits and welds with Belzona 1121
3. First coat of Belzona 5811, black
4. Final coat of Belzona 5811, beige

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