

# Belzona Rebuilds and Protects Oil Tank

ID: 8067

Industry: Oil & Gas

Customer Location: Tunisia

Application: TCC-Tanks and Chemical Containment Areas

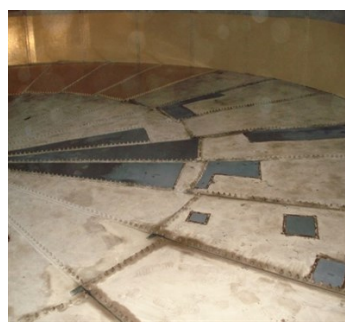
Application Date: 2009

Substrate: Steel

Products: \* Belzona 1121 (Super XL-Metal) ,  
\* Belzona 5811 (Immersion Grade) ,

## Problem

Severe pitting was present at the base and lower section of the tank wall, this was a result of a mixture of water and also hydrocarbons found within the crude oil. As the density of the water is greater than the hydrocarbons, the water will sit at the bottom of the tank causing corrosion in this lower section of the tank.



## Photograph Descriptions

- \* 1. External view of the storage tank ,
- \* 2. Pitting at the base of the tank ,
- \* 3. Belzona 1121 plate bonding ,
- \* 4. Internal coating of Belzona 5811 ,

## Application Situation

Crude oil storage tank.

## Application Method

Application was carried out in accordance with Belzona system leaflet TCC-05.

Belzona 1121 was used to fill in the pits of the localized damaged areas and plate bonding was used to restore any larger damaged areas on the base of the tank. Once the structure of the tank had been restored, 2 coats of Belzona 5811 were applied to the lower section of the tank.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

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## Belzona Facts

As this was a rivet tank, welding wasn't allowed as it would have caused the rivets to pop off one after another. The Belzona solution offered a cold applied, safe solution which could be used to restore to the tank.

The tank was also inspected 10 years later and is still in service which showcases the longevity of the Belzona solution.

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