

# INTERIOR COATING OF OIL STORAGE TANK WITH BELZONA

ID: 413

**Industry:** Oil & Gas  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Carbon Steel  
**Products:** \* Belzona® 5811 (Immersion Grade),

**Customer Location:** Oil Company - Mexico  
**Application Date:** December 2003

## Problem

Corrosion protection of the interior of a crude oil storage tank.



## Photograph Descriptions

- \* The application of Belzona® 5811 was carried out using a single-pot airless system ,
- \* High quality control was part of this application as is evident by the DFT (dry film thickness) readings that were taken ,
- \* View of the two coat system applied. Low voltage holiday detection was carried out to rule out any pinholes on the coating before putting the tank back into service ,

## Application Situation

Interior coating of a 20,000-barrel crude oil storage tank.

## Application Method

Application was carried out in accordance with a modified version of the Belzona Know-How System Leaflet TCC-5.

## Belzona Facts

The application of Belzona® 5811 was carried out using an airless spray system. As such, this large vessel was done at a fraction of the time when compared to conventional application methods. The selected Belzona coating system was chosen for its effectiveness against the anticipated corrosion from the acidic nature of the crude. In addition, it presented a cost-effective and environmentally-friendly product to apply.

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

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

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manufactured under an ISO  
9000 Registered Quality  
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