

# BELZONA REPAIRS A TANK ROOF AND SAVES THE PLANT FROM SHUTDOWN

ID: 5427

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas

**Customer Location:** South Louisiana, USA

**Application Date:** June 2014

**Substrate:** Carbon steel

**Products:**  
\* Belzona 1161 (Super UW-Metal) ,  
\* Belzona 9341 (Reinforcement Tape) ,  
\* Belzona 4301 (Magma CR Hi-Build) ,

## Problem

Vapors were escaping from the tank due to tank top separating. Vapors were also thinning metal in about a 60 sq. ft. area. Customer had welded plates over holes but needed a coating with resistance to sulfuric acid vapors.



## Photograph Descriptions

- \* Separation of top from tank ,
- \* After coating with Belzona 1161 and Belzona 4301 ,
- \* Sealing of holes and cracks ,
- \* Tank top sealed with Belzona products ,

## Application Situation

Holes and corrosion on top of sulfuric acid tank and separated top of tank.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets TCC-1 & TCC-5.

## Belzona Facts

Customer was going to have to cut out a 60 sq. ft. of the tank top which would require plant shutdown due to hot work. Estimated savings by using Belzona products and installation was \$80,000.00. this was just the repair cost. Plant shutdown was totally out of conversation. Belzona HAD to work!...and it did!

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

Belzona products are  
manufactured under an ISO  
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Management System.

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