

# BELZONA REPAIRS HOLED CLARIFIER

ID: 1402

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

**Customer Location:** Chemical plant, New Jersey USA  
**Application Date:** August 2008

**Substrate:** Carbon Steel

**Products:** \* Belzona® 1211 (E-Metal) ,  
\* Belzona® 1121 (Super XL-Metal) ,  
\* Belzona® 5811 (Immersion Grade) ,

## Problem

Corrosion along the water line had resulted in a series of holes and thin areas around the entire circumference of the tank.



## Photograph Descriptions

- \* Holes in tank wall ,
- \* After grit blasting supports were bonded with Belzona® 1211 ,
- \* Belzona® 1121 being applied to shell ,
- \* Exterior completed ,

## Application Situation

Waste Water tank at a Chemical Plant

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-1. Angle iron was bonded with Belzona® 1211 to the tank to support fabricated steel bands during application. Belzona® 1121 was used in conjunction with self tapping screws to bond the band to the tank wall. The interior of the tank was coated with Belzona® 5811 and the exterior painted.

## Belzona Facts

Alternative options included either replacing the entire tank or at least the top third. The Belzona option including coating the interior with Belzona® 5811 was 1/3 the cost of a new top and 1/10 the cost of a new tank.

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  
9000 Registered Quality  
Management System.

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