BELZONA REPAIRS HOLED CLARIFIER

ID: 1402

Industry: Chemical & Petrochemical Customer Location: Chemical plant, New Jersey USA

Application: TCC-Tanks and Chemical Containment Application Date: August 2008

Areas

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

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