

BELZONA REPAIRS HOLED CLARIFIER

CUSTOMER

Chemical plant, New Jersey USA

APPLICATION DATE

August 2008

APPLICATION SITUATION

Waste Water tank at a Chemical Plant

PROBLEM

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

PRODUCTS

Belzona® 1211 (E-Metal)

Belzona® 1121 (Super XL-Metal)

Belzona® 5811 (Immersion Grade)

SUBSTRATE

Carbon Steel

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.

PICTURES

1. Holes in tank wall
2. After grit blasting supports were bonded with Belzona® 1211
3. Belzona® 1121 being applied to shell
4. Exterior completed



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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