

BELZONA SAVES MILLIONS IN DOWNTIME

ID: 1214



PROBLEM

The vessel had been in service for over 20 years. It was suffering from severe corrosion and began to "rust through" in several places, causing the customer to become wary of complete failure.

APPLICATION SITUATION

Water holding tank in the caustic/chlorine processing unit

APPLICATION METHOD

This application was performed in accordance with Belzona Know-How System Leaflet TCC-1.

BELZONA FACTS

This vessel is a vital part of the plant and a complete failure would cause the entire unit to be shut down. The customer was producing \$5,000,000 in sales per week at that time and could not afford a failure. Belzona repair was completed in 1 day at a cost of around \$10,000, Belzona enabled the unit to stay in service until the January 2009 turnaround, when tank could be replaced.

INDUSTRY

Chemical & Petrochemical

LOCATION

Plastics Plant, Louisiana U.S.A.

APPLICATION DATE

May 2008

PRODUCTS

Belzona 1121 (Super-XL Metal)

SUBSTRATE

Carbon steel

PHOTOS

1. View of tank from bottom to top
2. Steel patch bolted onto tank with layer of Belzona
3. Another view of the steel patch
4. View of additional steel patch at foot of the vessel

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