

COATING AND PROTECTION OF STORAGE TANK FOR PROCESSED WATER WITH BELZONA

ID: 414



PROBLEM

At one point in time, the FRP coating failed when this tank was used for crude oil service. When the need arose for a replacement alternative coating, the customer opted for the best repair and coating option.

APPLICATION SITUATION

Coating and protection of spent process water storage tank.

APPLICATION METHOD

Application was carried out in accordance with a modified version of the Belzona Know-How System Leaflet TCC-5.

BELZONA FACTS

Seven months into the service life of the Belzona coating system, an adjacent fire damaged the top conical sections. Upon closer inspections, it was concluded that the interior walls were intact, and fully operational. The top section was repaired, and ultimately, coated once again with Belzona® 5811.

INDUSTRY

Oil & Gas

LOCATION

Refinery - Brazil

APPLICATION DATE

September 2003

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1121 (XL-Metal)

Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon Steel

PHOTOS

1. Upper conical portion of the tank being faired out with a Belzona 1000 Series product
2. Two-coat system of Belzona 5811 being applied to the top portion of the tank
3. View of the wall being coated with with Belzona 5811
4. Partial view of the interior of the tank after completion of the application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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