

COATING AND PROTECTION OF STORAGE TANK FOR PROCESSED WATER WITH BELZONA

ID: 414

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Carbon Steel
Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 1121 (XL-Metal) ,
* Belzona® 5811 (Immersion Grade) ,

Customer Location: Refinery - Brazil
Application Date: September 2003

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.



Photograph Descriptions

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

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,

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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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coated once again with Belzona® 5811.

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