INTERIOR COATING OF OIL STORAGE TANK WITH BELZONA

ID: 413

Industry:	*Oil & Gas*	Customer Location:	*Oil Company - Mexico*
Application:	*TCC-Tanks and Chemical Containment Areas*	Application Date:	*December 2003*
Substrate:	*Carbon Steel*		
Products:	** Belzona® 5811 (Immersion Grade) ,*		

Problem

Corrosion protection of the interior of a crude oil storage tank.





Photograph Descriptions

* The application of Belzona® 5811 was carried out using a single-pot airless system ,
* High quality control was part of this application as is evident by the DFT (dry fi lm thikness) readings that were taken ,
* View of the two coat system applied. Low voltage holiday detection was carried out to rule out any pinholes on the coating before putting the tank back into service ,

Application Situation

Interior coating of a 20,000-barrel crude oil 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

The application of Belzona® 5811 was carried out using an airless spray system. As such, this large vessel was done at a fraction of the time when compared to conventional application methods. The selected Belzona coating system was chosen for its effectiveness against the anticipated corrosion from the acidic nature of the crude. In addition, it presented a cost-effective and enviromentally-friendly product to apply.

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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