

BELZONA CAPITALIZES ON COALESCER

ID: 404

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Carbon Steel
Products: * Belzona® 1121 (XL-Metal) ,
* Belzona® 5891 (HT Immersion Grade) ,

Customer Location: Oil/Gas Producer - Venezuela
Application Date: September 2003

Problem

Microbiologically-induced corrosion (MIC) had severely affected portions of this vessel.



Photograph Descriptions

- * Extent of the corrosion due to the effects of the microbiological attack. ,
- * View of the application underway. Belzona® 1121 and Belzona® 5891 were used. ,
- * Final view of the entire bottom portion of the vessel that was treated. ,
- * Exterior view of the coalescer. ,

Application Situation

Electrostatic Coalescer.

Application Method

Modified version of Belzona Know-How System Leaflet TCC-5.

Belzona Facts

As the damage to the vessel was well defined, only the bottom portion of the vessel was treated. Careful surface preparation was implemented as the microbiological impact over the metal was extensive. Detection tests to confirm microorganisms made it a necessity to carefully clean and prepare the metal surface. Ultimately, the Belzona® 1121 was used to rebuild the corroded areas, followed by Belzona® 5891 as the coating material.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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9000 Registered Quality
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