

BELZONA PROTECTS INTERNAL OF BACK-UP SEPARATOR

ID: 486

Industry: Chemical & Petrochemical
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Steel
Products: * Belzona® 1391 (Ceramic HT Metal),

Customer Location: Oil Refinery-Australia
Application Date: May 2004

Problem

Internal erosion-corrosion caused by presence of sour water and operating temperature up to 100°C.



Photograph Descriptions

- * General view of the vessel ,
- * Failed previous coating ,
- * Application underway ,
- * One of the three baffles coated and surrounding area partially coated ,

Application Situation

Separator to remove majority of hydrocarbons before the knock out vessels. Also used as an emergency dump vessel.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. After thorough cleaning and removal of previous coating, the vessel was grit blasted and coated with the Belzona® 1391.

Belzona Facts

Previous coating, a vinyl ester epoxy, had failed due to operating temperature. Belzona® 1391 selected based on previous experience in similar environments.

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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manufactured under an ISO
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