

BELZONA PROTECTS INTERNAL OF BACK-UP SEPARATOR

ID: 486



PROBLEM

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

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.

INDUSTRY

Chemical & Petrochemical

LOCATION

Oil Refinery-Australia

APPLICATION DATE

May 2004

PRODUCTS

Belzona 1391 (Ceramic HT Metal)

SUBSTRATE

Steel

PHOTOS

1. General view of the vessel
2. Failed previous coating
3. Application underway
4. One of the three baffles coated and surrounding area partially coated

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

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under an ISO 9001 Registered
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