

# BELZONA PROTECTS INTERNAL OF BACK-UP SEPARATOR

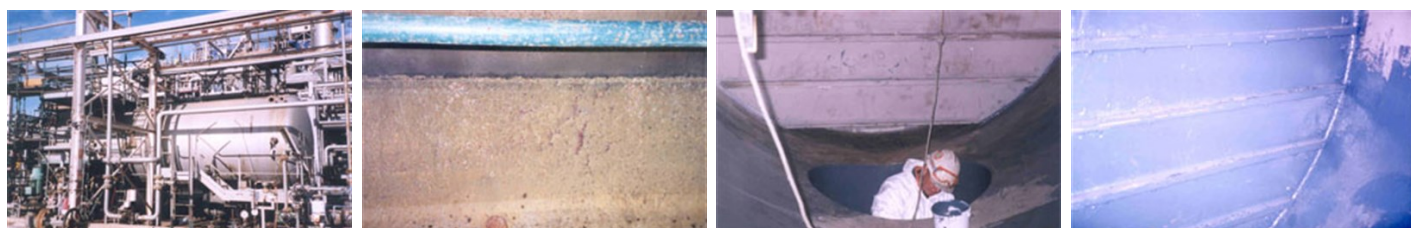
ID: 486

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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