

# BELZONA PROTECTS INTERNAL BASE OF SEPARATOR

ID: 490

Industry: *Chemical & Petrochemical*  
Application: *TCC-Tanks and Chemical Containment Areas*  
Substrate: *Steel*  
Products: *\* Belzona® 1591 (Ceramic XHT Metal),*

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

## Problem

*Internal erosion corrosion in lower section of separator.*



## Photograph Descriptions

- \* Base of vessel grit blasted ,
- \* Stripe coating of welds carried out ,
- \* Completed application ,

## Application Situation

Accumulator water separator contains low octane gasoline, small amounts of H<sub>2</sub>S, ammonium bisulfide and water. Temperature up to 160°C.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. After thorough cleaning, the vessel was grit blasted and coated with the Belzona® 1591 taking care to initially stripe coat around the attachment bracket welds.

## Belzona Facts

Belzona coatings have a proven track record in similar environments being capable of withstanding the temperatures, pressure cycling, erosion and corrosive environment found in such equipment.

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  
9000 Registered Quality  
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