

# BELZONA PROTECTS SLUG CATCHERS AGAINST EROSION AND CORROSION

ID: 418

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

Customer Location: Vessel manufacturer in Italy  
Application Date: September 2001

## Problem

Vessels were to be put into operation at 90°C and 70 bar pressure in a mixture of hydrocarbons and water. Belzona was applied to the bottom third of the vessels where the water gathers and causes corrosion.



## Photograph Descriptions

- \* Two of the slug catchers ready for internal coating. ,
- \* The Belzona® 1391 being applied. ,
- \* Sponge testing the Belzona® 1391 to ensure no application defects were present in the coating. ,

## Application Situation

Slug catchers destined for gas processing plant

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-3. Particular care was taken to maintain temperature of the substrate during application.

## Belzona Facts

The Belzona® 1391 after 2 years in service was replaced due to increased use of acid for well stimulation. Belzona® 1392 has been developed to deal with this specific type of situation where acid contamination occurs.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve