

# BELZONA PROTECTS VERTICAL FLARE KNOCK OUT VESSEL

ID: 488

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Steel  
**Products:** \* Belzona® 5891 (HT Immersion Grade),

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

## Problem

*Internal corrosion caused by variety of hydrocarbons and chemicals passing through the vessel.*



## Photograph Descriptions

- \* General view of the vessel ,
- \* The degree of existing corrosion found in the vessel ,
- \* Application of Belzona® 5891 underway ,

## Application Situation

Vertical Flare knock-out vessel. This is second stage of the flare stack line and is half filled with water to form a seal for dissolved Hydrocarbons, H<sub>2</sub>S but mainly sour water.

## 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® 5891.

## Belzona Facts

Belzona® 5891 provides excellent protection to a wide range of Hydrocarbons and other chemicals at the elevated temperatures anticipated in this vessel.

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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