

# BELZONA 'S PROVEN PERFORMANCE IN SEPARATOR PROTECTION

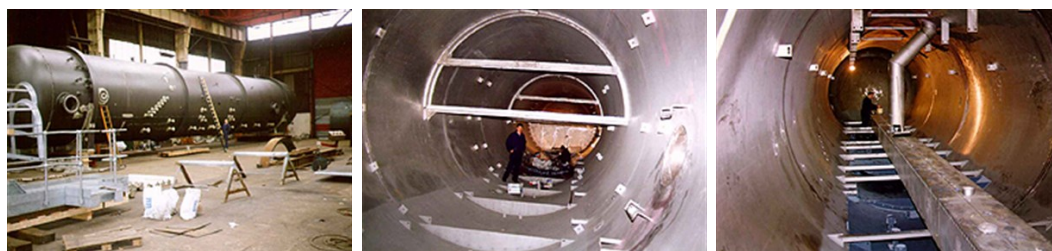
ID: 95

Industry: Oil & Gas  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Duplex steel  
Products: \* Belzona® 1321 ,

Customer Location: International Oil Producer  
Application Date: 1992

## Problem

Previous experience indicated that the lower 1/3rd of this new vessel would be subjected to sand erosion and Sulphate Reducing Bacteria (SRB) attack.



## Photograph Descriptions

- \* The vessel in the coating contractors workshop ,
- \* Application underway ,
- \* Coating inspection and repair being carried out ,

## Application Situation

Production Oil/Gas Separator

## Application Method

Application was carried out in accordance with Belzona System Leaflet TCC-5. A three-coat system of Belzona® 1321 was applied as the operating temperature was 85°C.

## Belzona Facts

Despite the use of corrosion resistant Duplex, SRB attack and sand erosion induced by the jet wash system in the base of the tank was expected to cause shell damage without protection. Previously used glass flake systems had been unable to resist the sand erosion and required regular refurbishment necessitating hugely expensive interruptions to oil production. Since application the vessel has been routinely inspected and the coating is still in excellent condition and no un-scheduled shut-downs have been incurred.

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  
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