

# BELZONA® 1591 PROTECTING COALESCER VESSEL

ID: 19

Industry: Oil & Gas  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Carbon steel  
Products: \* Belzona® 1591 ,

Customer Location: Oil producer  
Application Date: April 1997

## Problem

Corrosion was anticipated in the lower 1/3rd of the vessel. Design Temperatures were up to 150oC with sea water present.



## Photograph Descriptions

- \* The Coalescer vessel. ,
- \* Application underway inside. ,
- \* The lower 1/3rd was protected. ,

## Application Situation

Coalescer vessel for installation on a Floating Oil Production and Storage vessel (an FPSO) destined for the North Sea.

## Application Method

Application was carried out in accordance with Belzona Know-How Leaflet TCC-5.

## Belzona Facts

Belzona was chosen for vessel protection following extensive testing simulating the operating conditions expected. No other coating was available to withstand the operating temperatures and pressures. Metal cladding could not be carried out within the time constraints of this fast track project.

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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