

# REPAIR AND PROTECTION OF OIL/WATER SEPARATOR WITH BELZONA

ID: 93

Industry: Oil & Gas  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Steel  
Products: \* Belzona® 1111 ,  
\* Belzona® 1391 ,

Customer Location: Major oil production company  
Application Date: 1995

## Problem

The original glass flake system failed in the severe erosion-corrosion conditions leading to holing of the unit



## Photograph Descriptions

- \* General view of the unit ,
- \* Bonding doubler plates to holed areas ,
- \* Belzona® 1391 providing complete protection to the separator internal surfaces ,

## Application Situation

Internal surfaces of an Oil/Water separation unit on an offshore production platform

## Application Method

Application was carried out in accordance with Belzona® system leaflets TCC-1, TCC-2 & TCC-5. Doubler plates were bonded over holed and deeply pitted areas before applying Belzona® 1391 to provide erosion-corrosion protection over the entire area.

## Belzona Facts

The application was carried out whilst the platform was still in operation. Weld repairs would have led to serious loss of production. Belzona® 1391 has a proven track record in providing erosion-corrosion protection in the most severe of conditions

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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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