

REPAIR AND PROTECTION OF OIL/WATER SEPARATOR WITH BELZONA

ID: 93

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Major oil production company
Application Date: 1995

Substrate: Steel
Products: * Belzona® 1111 ,
* Belzona® 1391 ,

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

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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