

REPAIR AND PROTECTION OF OIL/WATER SEPARATOR WITH BELZONA

ID: 93



PROBLEM

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

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

INDUSTRY

Oil & Gas

LOCATION

Major oil production company

APPLICATION DATE

1995

PRODUCTS

Belzona 1111
Belzona 1391

SUBSTRATE

Steel

PHOTOS

1. General view of the unit
2. Bonding doubler plates to holed areas
3. Belzona 1391 providing complete protection to the separator internal surfaces

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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