

BELZONA 1591 PROTECTING COALESCER VESSEL

ID: 19



PROBLEM

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

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.

INDUSTRY

Oil & Gas

LOCATION

Oil producer

APPLICATION DATE

April 1997

PRODUCTS

Belzona 1591

SUBSTRATE

Carbon steel

PHOTOS

1. The Coalescer vessel.
2. Application underway inside.
3. The lower 1/3rd was protected.

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