

FIRST STAGE SEPARATOR: SEVEN YEARS OF PROBLEM- FREE SERVICE FROM BELZONA 1591

ID: 557



PROBLEM

Coating required to provide resistance to high temperature process fluids which would generate corrosion and erosion issues. Design temperature was 150° C.

APPLICATION SITUATION

New process package for the Janice oil field comprising test and first stage separators.

APPLICATION METHOD

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

BELZONA FACTS

The use of a high temperature erosion-corrosion resistant coating allows separators and other vessels to be fabricated more cost effectively out of Carbon Steel rather than Stainless or Duplex Steel. After seven years of service, the Belzona® 1591 was found to be in excellent condition.

INDUSTRY

Oil & Gas

LOCATION

Oil Rig - North Sea

APPLICATION DATE

1998

PRODUCTS

Belzona 1591 (Ceramic XHT-Metal)

SUBSTRATE

Carbon Steel

PHOTOS

1. & 2. & 3. Vessel being coated in 1998.
4. Vessel opened in 2005.

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

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