

BELZONA COLD BONDING SOLUTION FOR SKIMMER

ID: 4163

Industry: Oil & Gas

Customer Location: Oil and Gas company, Angola

Application: GSS-Gaskets, Seals and Shims

Application Date: August 2011

Substrate: Steel

Products: * Belzona® 1111 (Super Metal) Belzona® 5811 (Immersion Grade) ,

Problem

The skimmer, working in an open environment meters above the sea, had numerous holes and was continuously leaking. Welding was not an option for repair because of the hot work involved.



Photograph Descriptions

* Bottom half of the skimmer coated with Belzona® 5811 and one of the plates in place with a fillet of Belzona® 1111 sealing the edges Application in progress Close-up of the injection process Completed application ,

Application Situation

Oil Skimmer

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-9. Metal plates were prefabricated ashore about 10mm larger than the existing vessel. After surface preparation, the plates were located on the vessel, the edges sealed with Belzona® 1111 and Belzona® 5811 was then injected through strategically arranged series of injection ports to ensure air was not trapped and the entire void between plates and vessel wall was filled with Belzona® 5811.

Belzona Facts

The cold bonding solution avoided hot work and was completed in just 3 days. This engineered solution ensured the skimmer could continue in service for many more years.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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