

BELZONA REPAIR AND PROTECTION OF PIG LAUNCHERS

ID: 91



PROBLEM

Crevice corrosion had caused pitting on the existing seal faces of pig launcher. New receivers for "Intelligent Pigs" required an impact/abrasion and corrosion resistant lining.

APPLICATION SITUATION

Existing and new pig launcher seal faces and internals.

APPLICATION METHOD

Seal faces were rebuilt in accordance with a modified version of Belzona® Know-How Leaflet VPF-1, and machined on-site to the required tolerances. New launcher receivers were coated with Belzona® 1321 in accordance with Belzona® Know-How Leaflet VPF-2.

BELZONA FACTS

Belzona® 1321 has been tested for long term immersion in sour gas by DNV and has been shown in practice to be far more erosion and impact resistant than previously used glass flake coatings.

INDUSTRY

Oil & Gas

LOCATION

Offshore Gas Producer

APPLICATION DATE

August 1994

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel

PHOTOS

1. Existing pig launcher showing seal area
2. On-site machining of Belzona 1111 underway
3. Application of Belzona 1321 to a new launcher

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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