

BELZONA REPAIR AND PROTECTION OF PIG LAUNCHERS

ID: 91

Industry: Oil & Gas
Application: VPF-Valves, Pipes and Fittings
Substrate: Steel
Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Offshore Gas Producer
Application Date: August 1994

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.



Photograph Descriptions

- * Existing pig launcher showing seal area ,
- * On-site machining of Belzona® 1111 underway ,
- * Application of Belzona® 1321 to a new launcher ,

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.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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manufactured under an ISO
9000 Registered Quality
Management System.

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