

BELZONA OPERATES IN THE DESERT

ID: 1287

Industry: Oil & Gas
Application: VPF-Valves, Pipes and Fittings
Substrate: Carbon Steel
Products: * Belzona® 1121 (Super XL Metal) ,
* Belzona® 5811 (Immersion Grade) ,

Customer Location: Gas Pipeline, Tunisia
Application Date: August 2006

Problem

Pipeline was highly corroded due to external corrosion. Over 60% wall loss was measured on the pipe. Isolating the pipe to change this corroded section would cost millions in production loss.



Photograph Descriptions

- * Corroded pipeline before blasting ,
- * Blasted substrate ,
- * Application being carried out ,
- * 2 years later ,

Application Situation

Gas transmission pipeline operating at pressure of 1300psi

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-11a & TCC-5. Following grit blasting, Belzona 1121 with reinforcement sheet was used to rebuild the wall loss. Belzona 5811 was applied over the repair area to offer corrosion protection.

Belzona Facts

This repair was completed online and with ambient temperature of 55°C (131°F). and avoided production losses. Following this application, an independant inspection company has approved the repair. 2 years later, the pipe is still in perfect condition and the customer is considering extending the Belzona solution to other sections of the pipeline.

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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