

BELZONA OPERATES IN THE DESERT

ID: 1287



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.

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 independent 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.

INDUSTRY

Oil & Gas

LOCATION

Gas Pipeline, Tunisia

APPLICATION DATE

August 2006

PRODUCTS

Belzona 1121 (Super XL Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon Steel

PHOTOS

1. Corroded pipeline before blasting
2. Blasted substrate
3. Application being carried out
4. 2 years later

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

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