

# 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 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.

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

Belzona products are  
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9000 Registered Quality  
Management System.

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