

Belzona SuperWrap II prepares for the worst

ID: 9391

Industry:	Oil & Gas	Customer Location:	Spain
Application:	VPF-Valves, Pipes and Fittings	Application Date:	April 2024
Substrate:	Carbon steel		
Products:	Belzona 1111 (Super Metal), Belzona 1982 (SuperWrap II), Belzona SuperWrap II, Belzona 5811 (Immersion Grade), Belzona 7311		

Problem

This pipework was expected to go through wall within its remaining lifetime. A method had to be employed that would mitigate the risk of this, while allowing the pipe to remain online.



Application start, application of Belzona 1111 to spiral weld area to make a smooth transition

Application of Belzona 7311 plate bonds

Belzona SuperWrap II system

Completed application overcoated with Belzona 5811

Application Situation

The other alternatives were limited and involved the shutdown and replacement of the line which would have had a significant cost attached to it, and that is just in downtime alone!

Application Method

The pipeline is expected to go through wall due to internal corrosion in the 5-7 o'clock position of the pipe at some point in its future, a method was needed to reinforce this area. The pipe was grit blasted to a SA2.5 and a 75 micron minimum finish, to which plates were bonded to the lower section of the pipe with Belzona 7311. This was then wrapped with Belzona SuperWrap II and finished with Belzona 5811

Belzona Facts

The Belzona SuperWrap II offered a solution in conjunction with the structural adhesive which will allow the pipe to remain in service for the required time period.

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

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