

BELZONA SUPERWRAP II RETURNS PIPING BACK TO SERVICE IN 48 HOURS

ID: 8577



PROBLEM

The 220mm diameter pipe had developed a critical (Class 3) thin wall defect at the bend. The operating temperature was 95°C and the operating pressure was 10 bar. The total defect length was 280mm in axial.

APPLICATION SITUATION

High Temperature, Hydrocarbon Piping

APPLICATION METHOD

The application was completed in accordance with Belzona Know-How System Leaflet VPF-11. The defect area was abrasive blasted to SA 2.5 with a 75 microns profile. Belzona SuperWrap II was applied in accordance with the engineered design as a 6 wrap system, using Belzona 1983 resin to provide a further 12 years service life.

BELZONA FACTS

Belzona SuperWrap II was chosen because it is an engineered solution that can be designed as a pipe repair system, and is compliant with both ISO 24817 and ASME PCC-2. With the customer able to do their own designs and having applicators on-site, the repair was completed within 48 hours.

INDUSTRY

Oil & Gas

LOCATION

Western Australia

APPLICATION DATE

October 2020

PRODUCTS

Belzona 1983 (SuperWrap II Resin)
Belzona 9381 (SuperWrap II Reinforcement Sheet)
Belzona 9382 (Release Film)

SUBSTRATE

Carbon Steel

PHOTOS

1. Measuring the corroded pipe
2. Wetting out the Reinforcement Sheet
3. Wrapping the pipe
4. Applying the Release Film over the wrap

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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