

BELZONA SUPERWRAP II RETURNS PIPING BACK TO SERVICE IN 48 HOURS

CUSTOMER

Western Australia

APPLICATION DATE

Oct-20

APPLICATION SITUATION

High Temperature, Hydrocarbon Piping

PROBLEM

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

PRODUCTS

Belzona 1983 (SuperWrap II Resin)

Belzona 9381 (SuperWrap II Reinforcement Sheet)

Belzona 9382 (Release Film)

SUBSTRATE

Carbon Steel

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 being compliant to ISO 24817 and ASME PCC-2. With the customer being able to do their own designs and having validated applicators on site, makes the onsite maintenance team independent and the repair was completed with-in 48 hours.

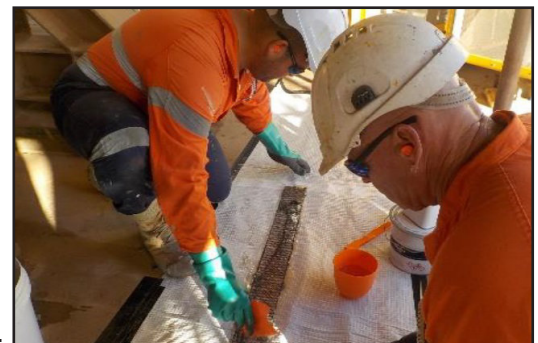
PICTURES

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

1.



2.



3.



4.



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

www.belzona.com

Copyright © Belzona International Limited 2021

BELZONA
Repair • Protect • Improve