

BELZONA REPAIRS COOLING WATER PIPE AT A STEEL PLANT

CUSTOMER

Czech Republic

APPLICATION DATE

May 2012

APPLICATION SITUATION

Steel plant cooling water pipe.

PROBLEM

Corrosion had caused heavy damage on cooling water pipe, therefore weakening the jacket. This may have eventually led to a through-wall defect which would cause a costly downtime period.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 5831 (ST-Barrier)

Belzona 5811 (Immersion Grade)

Belzona 9341 (Reinforcement Tape)

Belzona 9111 (Cleaner/Degreaser)

SUBSTRATE

Steel

APPLICATION METHOD

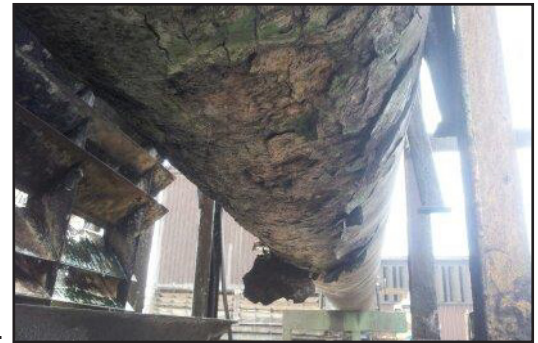
After removing the impurities, the pipeline was treated with the Belzona 5831 coating system. Subsequently, the areas were pressed with Belzona 1111 and reinforced with reinforcing sheets. At the end, the entire pipe casing was treated with a two-component coating system for a long-term protection of Belzona 5811 in combination with Belzona 9341 reinforcement tape.

BELZONA FACTS

The reinforcement could be carried out whilst the pipe was offline, thereby avoiding costly downtime.

PICTURES

1. The original corroded pipework
2. Belzona 1111 applied to restore the thinned walls.
3. Belzona 5811 reinforcement. The finished job.



1.



2.



3.

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



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