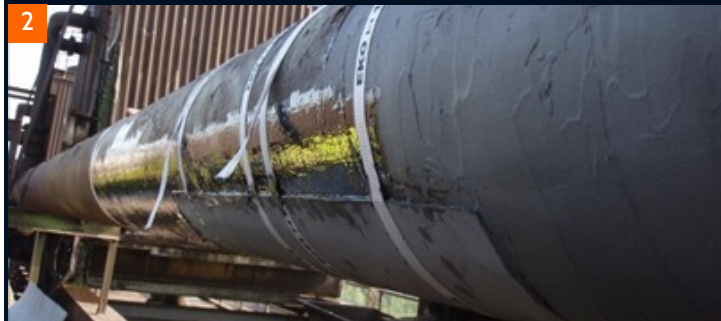


BELZONA REPAIRS COOLING WATER PIPE AT A STEEL PLANT

ID: 7818



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.

APPLICATION SITUATION

Steel plant cooling water pipe.

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.

INDUSTRY

Fluid Flow

LOCATION

Czech Republic

APPLICATION DATE

May 2012

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 5831 (ST-Barrier)
Belzona 5811 (Immersion Grade)
Belzona 9341 (Reinforcement Tape)
Belzona 9111 (Cleaner/Degreaser)

SUBSTRATE

Steel

PHOTOS

The original corroded pipework

Belzona 1111 applied to restore the thinned walls.

Belzona 5811 reinforcement

The finished job

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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