

BELZONA TACKLES AN EXPLOSIVE SITUATION

CUSTOMER

Steel producer, Czech Republic

APPLICATION DATE

October 2015

APPLICATION SITUATION

The gas supply line for a blast furnace

PROBLEM

Pipeline had developed a crack which was leaking gas into the atmosphere. The repair had to be performed live. The intake pipe had a diameter of 2,000mm and had developed a crack 2,500mm long and 2mm wide.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1211 (E-Metal)

Belzona 9341 (Reinforcement Tape)

SUBSTRATE

Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet VPF-11. To provide an initial seal to the crack, the fast-setting Belzona 1211 was deployed, stopping the leak and eliminating the risk of explosion. This allowed the surface to be prepared, and the substrate was ground to achieve the optimum surface profile. Belzona 1111 was then applied in two layers incorporating Belzona 9341.

BELZONA FACTS

The Belzona solution bypassed the dangerous gas leak and allowed in-situ repairs without the need for downtime, making this an effective long-term solution to the customer's problem.

PICTURES

1. The damaged pipework
2. Applying the first seal of Belzona 1211
3. Main layer of Belzona 1111 and sheet applied
4. Completed application



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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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