

BELZONA TACKLES AN EXPLOSIVE SITUATION

ID: 6078

Industry: Steel & Metal Processing
Application: VPF-Valves, Pipes and Fittings
Substrate: Steel
Products: * Belzona 1111 (Super Metal) ,
* Belzona 1211 (E-Metal) ,
* Belzona 9341 (Reinforcement Tape) ,
* ,

Customer Location: Steel producer, Czech Republic
Application Date: October 2015

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.



Photograph Descriptions

- * The damaged pipework ,
- * Applying the first seal of Belzona 1211 ,
- * Main layer of Belzona 1111 and sheet applied ,
- * Completed application ,

Application Situation

The gas supply line for a blast furnace

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.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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

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BELZONA
Repair • Protect • Improve

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.

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