

# BELZONA TACKLES AN EXPLOSIVE SITUATION

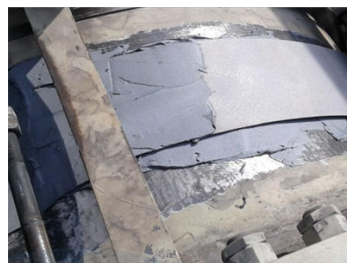
ID: 6078

**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  
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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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