

# Blast Furnace Gas Leak Pipe Repair

ID: 7814

Industry: *Steel & Metal Processing*

Customer Location: *Czech Republic*

Application:

Application Date: *October 2015*

Substrate: *Steel*

Products: *\* Belzona 1211 (E-Metal) ,  
\* Belzona 1111 (Super Metal) ,*

## Problem

*Steel plant blast furnace gas inlet had developed a leak and was losing pressure. The repair needed to be done whilst equipment was online.*



## Photograph Descriptions

- \* The blast furnace gas inlet. ,
- \* The repair is underway. ,
- \* The finished repair. ,

## Application Situation

Steel plant blast furnace gas inlet.

## Application Method

The gas leak was causing a risk of explosion, so Belzona 1211 was used to initially seal the crack and stem the flow of gas. Once the leak was stopped, the necessary surface preparation was carried out with a grinder so that a stronger reinforcement of Belzona 1111 and Belzona 9341 reinforcement mesh could be applied to the pipe to provide a long-term reinforcement to the damaged area.

## Belzona Facts

Use of Belzona solutions allowed the work to be carried out whilst the pipe was online, avoiding costly shutdowns and risk of explosion.

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ISO 9001:2015

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FS 695214

manufactured under an ISO

ISO 14001:2015

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EMS 695213

Management System.

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