

# BELZONA SEALS LEAKING PIPEWORK

ID: 6065

Industry: *Pulp & Paper*  
Application: *VPF-Valves, Pipes and Fittings*  
Substrate: *Carbon Steel*  
Products: *\* Belzona 1161 (Super UW-Metal) ,*

Customer Location: *Paper Mill, Northumberland, UK*  
Application Date: *11 March 2016*

## Problem

*This was a critical pipe on their plant of which total failure would result in costly lost production and downtime.*



## Photograph Descriptions

- \* Leaking pipe ,
- \* Close up of leaking pipe ,
- \* Area prepared and wetted out with Belzona 1161 ,
- \* Plate bonded to pipe and held in place with straps ,

## Application Situation

Corroded sludge pit discharge pipe with a through wall defect/leak.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet VPF-11. A 1/2 segment pipe was cut to size to create a reinforcing plate and after thorough manual surface preparation, both the surfaces of the pipe and plate were wetted out with Belzona 1161 with additional product being applied to the plate. This was then offered to the pipe and secured in place with ratchet straps, which sealed the leak and immediately allowing the process to continue. The straps were removed the following day once the product was cured.

## Belzona Facts

Conventional replacement of pipework was time consuming and expensive, and welding was not an option. Customer required a quick, long lasting repair which would not affect production and cause downtime.

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

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