

# BELZONA EMERGENCY RECLAMATION OF REFINER

ID: 266

Industry: *Pulp & Paper*  
Application: *PDP-Positive Displacement Pumps*

Customer Location: *Paper mill in the United Kingdom*  
Application Date: *August 2000*

Substrate: *Cast Iron*  
Products: *\* Belzona® 1311 (Ceramic R-Metal) ,*  
*\* Belzona® 1321 (Ceramic S-Metal) ,*

## Problem

*Severe erosion in the refiner body and the end cover/door led to several holes in the casing necessitating repair.*



## Photograph Descriptions

- \* The refiner casing prior to preparation ,
- \* After grit blasting, the damage and several holes were clearly evident ,
- \* The repaired casing ,
- \* The end cover/door was also fully refurbished ,

## Application Situation

Disc refiner

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet PDP-6.

## Belzona Facts

Belzona had already been used in an emergency to seal a leak in the casing. During a scheduled three-day shut down a permanent repair was completed with Belzona® 1311. Then a protective coating with Belzona® 1321 was applied to this critical piece of equipment.

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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