

## RENOVATION OF A LIQUID CYCLONE HEAD WITH BELZONA

### CUSTOMER

Paper mill in France

### APPLICATION DATE

2019

### APPLICATION SITUATION

Inside of a liquid cyclone head for paper

### PROBLEM

The piece of equipment was badly damaged by erosion caused by the paper paste which is very abrasive.

### PRODUCTS

Belzona 1814

Belzona 1321 (Ceramic S-Metal)

### SUBSTRATE

Carbon Steel

### APPLICATION METHOD

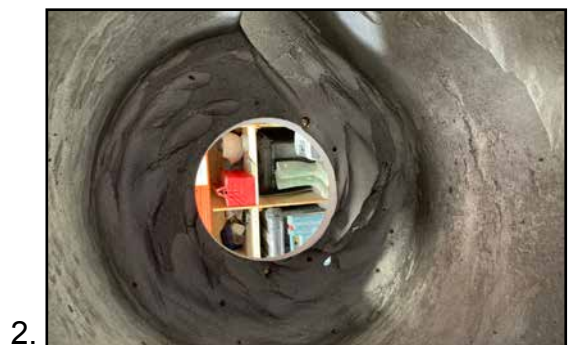
Application was carried out in accordance with Belzona System Leaflet VPF-01 and VPF-02. The corroded metal structure was blasted back to bare metal using grit blasting and the eroded areas were rebuilt applying Belzona 1814 with spatula. Belzona 1321 was applied with brush to protect against future erosion/corrosion.

### BELZONA FACTS

The repair cost was near to the replacement cost but with the Belzona 1321 coating, the equipment's expected service life is up to three times longer.

### PICTURES

1. Liquid cyclone head badly damaged
2. After grit blasting
3. After Belzona 1814 application
4. Completely renovated after Belzona 1321 application



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

ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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

[www.belzona.com](http://www.belzona.com)

Copyright © Belzona International Limited 2020

  
**BELZONA**<sup>®</sup>  
Repair • Protect • Improve