

# BELZONA REPAIRS TURBO SEPARATOR AT PAPERMILL

ID: 5872

Industry: *Pulp & Paper*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Mild steel and ceramic tiles*  
Products: *\* Belzona 1811 (Ceramic Carbide) ,*

Customer Location: *Forney, Texas, USA*  
Application Date: *May 2014*

## Problem

*Extreme abrasion producing a hole through ceramic tile and steel causing a possible shutdown.*



## Photograph Descriptions

- \* Hole in tile and steel. ,
- \* Repair to hole with Belzona 1811. ,
- \* Repair to other areas of separator. ,
- \* View of separator. ,

## Application Situation

40 year old separator at recycling paper mill.

## Application Method

The application was carried out with a modified version of Belzona Know-How System Leaflet CEP-6. The job timeline was critical. For surface preparation, the areas were aggregate blasted. Belzona 1811 was applied with a backer plate over the hole. Belzona 1811 was then applied over other worn areas. The vessel was force cured for start up.

## Belzona Facts

A hole in the separator was shooting out water and valuable product, causing a safety issue as well as a money loss. Belzona was able to repair the hole in a single 8 hour shutdown with no lost time.

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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