

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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