# BELZONA REPAIRS TURBO SEPARATOR AT PAPERMILL

ID: 5872

Industry: Pulp & Paper Customer Location: Forney, Texas, USA

Application: CEP-Centrifugal Pumps Application Date: May 2014
Substrate: Mild steel and ceramic tiles

Products: \* Belzona 1811 (Ceramic Carbide),

#### **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.

ISO 9001:2015

Belzona products are
FS 695214

ISO 14001:2015

Belzona products are
manufactured under an ISO
9000 Registered Quality
EMS 695213

Management System.

BELZONA