

# BELZONA RESTORES THIS FAN PUMP TO LIKE NEW CONDITION

ID: 350

**Industry:** Pulp & Paper  
**Application:** CEP-Centrifugal Pumps  
**Substrate:** Cast iron  
**Products:** \* Belzona ® 1311 (Ceramic R-Metal) ,  
\* Belzona ® 1321 (Ceramic S-Metal) ,

**Customer Location:** Pulp and paper mill in Georgia, U.S.A.  
**Application Date:** February 1986

## Problem

*Extreme graphitization had caused holes between the suction and discharge sides of this fan pump after only four years of operation.*



## Photograph Descriptions

- \* General view of casing showing graphitization and hole between suction and discharge sides ,
- \* One half of the casing being rebuilt and resurfaced ,
- \* Impeller in position to reform the case rings ,

## Application Situation

35,000 GPM Gould's Primary Fan Pump.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-2, CEP-3 and CEP-5.

## Belzona Facts

The complete application from beginning to end took only three days. The pump rehabilitation, including cost of labor, machinery and products was only 15% of the cost of a new casing.

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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