

# BELZONA PROTECTS LARGE RIVER PUMP

ID: 1179

Industry: Chemical & Petrochemical

Customer Location: Petrochemical Plant, South Louisiana  
U.S.A.

Application: CEP-Centrifugal Pumps

Application Date: August, 2008

Substrate: Cast Iron

Products: \* Belzona® 1111 (Super-Metal) ,  
\* Belzona® 1321 (Ceramic S-Metal) ,

## Problem

Pump was subject to erosion due to solids drawn from the river.



## Photograph Descriptions

- \* Scale of the pump clearly evident ,
- \* Fully restored suction diffuser ,
- \* Work beginning on restoration of impeller ,
- \* Fully protected impeller ,

## Application Situation

Main cooling water pump handling river water.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet CEP-1, CEP-3 and CEP-5.

## Belzona Facts

The cost of a replacement pump is \$250,000 and delivery time from the manufacturer is 6 months. Belzona was able to repair the pump and have it back in service within a week and will last longer than a new pump due to the erosion corrosion resistance of Belzona® 1321.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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

