

# 20 YEAR OLD BELZONA PUMP COATING

ID: 1041

Industry: Power  
Application: CEP-Centrifugal Pumps  
Substrate: Cast Iron  
Products: \* Belzona® 1321 (Ceramic S Metal) ,

Customer Location: Power Plant, Yates, Texas  
Application Date: 1988

## Problem

*Pumps were not lasting very long. The new planner wanted to try some of the new coatings available.*



## Photograph Descriptions

- \*
- \* Cavitation Damage ,
- \* Vanes in like-new condition ,
- \* & 4 Closeup of localized cavitation damage. Note no corrosion creep under the coating ,
- ,

## Application Situation

Cooling water pump in a coal fired power plant.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-3.

## Belzona Facts

Inspection of the coated impeller showed it to still be in excellent condition with only small areas of cavitation damage. Coated pumps have proven themselves to far outlast uncoated ones, minimizing maintenance costs and downtime.

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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