

# BELZONA PROTECTS VERTICAL LIFT PUMP IMPELLER

ID: 1215

Industry: Chemical & Petrochemical  
Application: CEP-Centrifugal Pumps  
Substrate: Bronze  
Products: \* Belzona® 2141 (ACR-Fluid Elastomer) ,

Customer Location: Chemical Plant, Texas  
Application Date: 2006

## Problem

Due to the damage caused by the severe cavitation, costly rebuilding and rebalancing of the impeller was required on at least an annual basis.



## Photograph Descriptions

- \* Vertical lift impeller with Belzona® 2941 conditioner applied ,
- \* Inspection of impeller during coating process ,
- \* Coating completed, awaiting installation ,

## Application Situation

Open-faced vertical lift pump impeller

## Application Method

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

## Belzona Facts

Pump still in service and performing satisfactorily almost 3 years later. Annual overhaul on these type pumps can run as much as \$30,000 (3 years approx. \$90,000 savings.) Belzona product was less than \$3,000.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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