

# Belzona Restores a pump Impellor

ID: 8874

Industry: Fluid Flow  
Application: CEP-Centrifugal Pumps  
Substrate: Carbon steel  
Products: Belzona 1311 (Ceramic R Metal),  
Belzona 1341 (SuperMetalGlide),

Customer Location: South Africa  
Application Date: August 2022

## Problem

The impeller had suffered from significant erosion corrosion damage, leading to the need to replace.



## Application Situation

A pump had been earmarked to go for scrap, but Belzona stepped in to repair and improve.

## Application Method

Application was carried out in accordance to Belzona system leaflet CEP-01. The impeller was first blasted to achieve a min 75 micron profile and SA2.5 finish prior to the rebuilding. It was then balanced before being returned to service.

## Belzona Facts

Belzona was able to renew this heavily worn and corroded pump impeller, extending its life span further - saving it from the scrap heap!

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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