

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 impellor, extending its life span further - saving it from the scrap heap!

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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9000 Registered Quality
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