

Belzona saves Chopper pumps destined for the scrapyard

ID: 9856

Industry: Water / Wastewater
 Application: CEP-Centrifugal Pumps
 Substrate: Cast Iron
 Products: Belzona 1321 (Ceramic S-Metal)

Customer Location: West Midlands, England
 Application Date: January 2023

Problem

The local water company have 16 Landia chopper pumping assets on the flagship Bio plant recirculating the digesters. The current annual spend on new pump wear parts are in excess of 100k per annum.

The Customer free issued new wear components consisting of Front wear plate, Back wear plate and Volute casing, Grit blasted new components to achieve correct surface profile in line with SA2.5 Applied Belzona 1321 Abrasive Resistant coating.



Wear plate being coated



Wear plate being coated



Wear plate being coated



After 6 months being in service

Application Situation

The customer was saving in excess of £110k a year on parts this has now more than halved coating with Belzona

After the 6 month inspection the customer stated the following below

The service and inspection were carried out last week with success. We have saved the parts in between servicing and they will last until the next service. Doubling the life of the parts!!!

Application Method

Gritblasted to SA Standard
 Coated with Belzona 1321

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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BELZONA
 Repair • Protect • Improve

Belzona Facts

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