

BELZONA PUMP REBUILD

ID: 1050

Industry: Water / Wastewater

Application: CEP-Centrifugal Pumps

Substrate: Cast iron

Products: * Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 1341N (Supermetalgilde) ,

Customer Location: Water Utility, Oklahoma USA

Application Date: March 2008

Problem

Many of the pumps have never been rebuilt and severe pitting was present. In some cases, it went almost through the casing.



Photograph Descriptions

- * Pump casing after grit blasting ,
- * Deep pitting repaired with Belzona® 1311 ,
- * First coat of Belzona® 1341N applied ,
- * Second coat applied to complete the application ,

Application Situation

Old split case pumps dating back to 1960.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-3, and CEP-5.

Belzona Facts

It is substantially more cost-effective to rebuild versus replace. The utility can do a quick turnaround in repairing these units themselves in 2 days and for \$800 in material. Efficiency is restored and enhanced and will be maintained for longer than untreated pumps.

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
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