

BELZONA REPAIR OF RUBBER IMPELLER

ID: 744

Industry: Water / Wastewater
Application: SHM-Solids Handling Machinery

Customer Location: Chemical Plant, Italy
Application Date: November 2005

Substrate: Steel & Rubber
Products: * Belzona® 2131 (D&A Fluid Elastomer),
* Belzona® 2311 (SR Elastomer),

Problem

Whilst casing had little damage, the impeller vanes were very badly damaged and needed rebuilding.



Photograph Descriptions

- * The damaged impeller ,
- * Aluminum formers in place ,
- * Casting underway ,
- * The finished impeller ,

Application Situation

Rubber covered pump impeller.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-9. Aluminum forms were prepared and Belzona® 2131 poured in to restore profiles. Belzona® 2311 used to reform smaller areas.

Belzona Facts

The Belzona repairs were cost effective and saved considerable downtime.

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
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