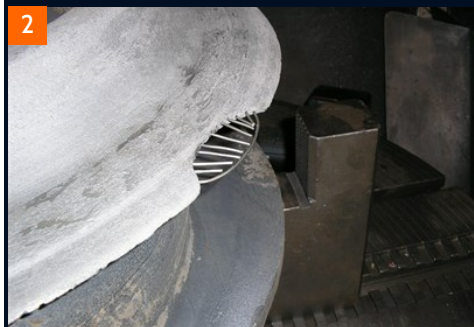


BELZONA REBUILDS & PROTECTS PUMP IMPELLER

ID: 531



PROBLEM

Impeller had moved on its shaft causing it to run against the casing. This resulted in severe abrasive wear and mechanical damage.

APPLICATION SITUATION

Impeller from effluent sewage pump.

APPLICATION METHOD

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

BELZONA FACTS

Previously, impellers in this condition were not considered repairable resulting in delivery lead times to source a new part as well as the associated replacement costs. The repair using Belzona meant the part could be returned to service within 48 hours.

INDUSTRY

Water / Wastewater

LOCATION

Water Treatment Plant - UK

APPLICATION DATE

February 2005

PRODUCTS

Belzona 1111 (Super-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Impeller on vertical borer prior to cleaning and refurbishment
2. View of wear and mechanical damage. Wire framework was used to reinforce repair
3. Application of Belzona 1111 underway
4. Completed impeller after application of final coats of Belzona 1321

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

