

INJECTION OF BELZONA REPAIRS SHAFT

ID: 1070



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PROBLEM

After more than 30 years working, the shaft had severe damage and loss of diameter causing water leaks

APPLICATION SITUATION

2.9 M diameter Butterfly Valve which controls the inlet water to the turbine.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

BELZONA FACTS

Replacement of the shaft would have needed a large part of the installation to be disassembled. With Belzona the customer saved these high costs and has restored shaft with improved corrosion resistance. Use of former enabled shaft to be accurately reformed in-situ.

INDUSTRY

Power

LOCATION

Hydropower Station, Spain

APPLICATION DATE

February 2008

PRODUCTS

Belzona 1321 (Ceramic S Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Original shaft damage
2. Heating the shaft with the former already installed
3. Injecting Belzona between the shaft and the former
4. Shaft rebuilt and protected at the same time

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.

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