

BELZONA REBUILDS STAINLESS STEEL PUMP

ID: 1277



PROBLEM

Loss of internal profiles of the pump casing as a result of corrosion and erosion processes leading to reduced pump efficiency

APPLICATION SITUATION

Double end suction centrifugal pump in pulp production

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How system Leaflets CEP-1 and CEP-5. After blasting with Aluminium Oxide grit the internal damage was restored with Belzona® 1311. Flange faces & sealing ring seats were rebuilt by forming technique with Belzona® 1111.

BELZONA FACTS

Rebuilding and contouring to the original pump profile restored pump efficiency and saved time for delivery and high replacement costs for a new pump.

INDUSTRY

Pulp & Paper

LOCATION

Pulp & Paper Plant, Bulgaria

APPLICATION DATE

August, 2008

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1311 (Ceramic R-Metal)

SUBSTRATE

Stainless Steel

PHOTOS

1. Damage to the pump casing after blasting
2. Rebuilding damage inside the casing
3. Flat metal plate used as former to rebuild flange faces
4. Pump rebuild completed

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

