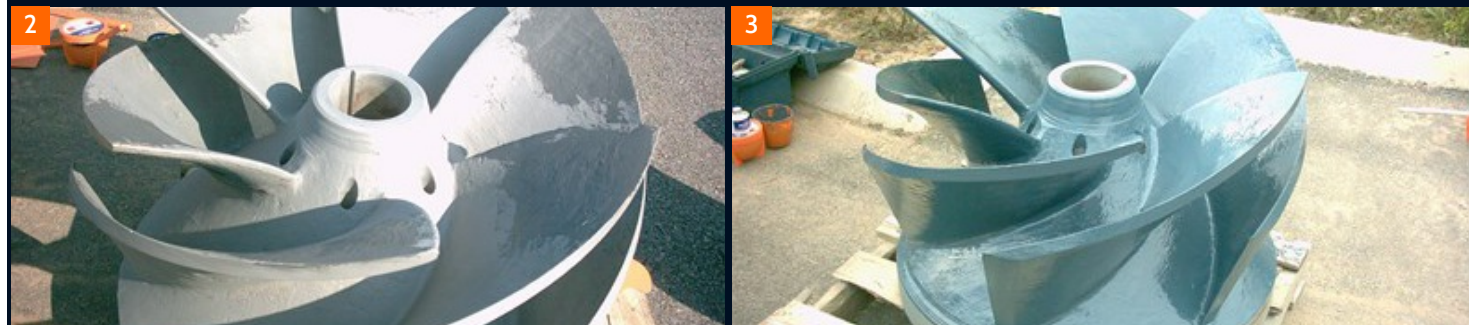


BELZONA KEEPS COOLING WATER PUMP RUNNING

ID: 664



PROBLEM

Cavitation-erosion damage on the impellers

APPLICATION SITUATION

Two cooling water pump impellers

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-5 and CEP-7.

BELZONA FACTS

Cavitation reduces thickness of the blades, increasing risk of their breaking. Belzona® 1311 rebuild restored impellor profiles. After applying of Belzona® 1321, the power consumption decreased and the flow increased. Replacing the pump costs about 50.000,00 EUR and it takes 60 days. This application had been done twice on two impellers.

INDUSTRY

Power

LOCATION

Coal power plant in Macedonia

APPLICATION DATE

September 1999

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Stainless steel

PHOTOS

1. Eroded pump blades
2. Filled pump blades with Belzona 1311
3. Finishing with 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.

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