

BELZONA ENHANCES EFFICIENCY OF NEW PUMPS

ID: 1479



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PROBLEM

Need of corrosion/erosion protection and increased pumping efficiency

APPLICATION SITUATION

New double end suction centrifugal Worthington pump

APPLICATION METHOD

Application procedures were carried out in accordance with Belzona Know-How System Leaflets CEP-3 and CEP-10.

BELZONA FACTS

As a result of applied Belzona efficiency enhancement coating a reduced power consumption of 35 kWh was registered and efficiency was increased to 3.5% at duty point. Two new pumps were coated with Belzona during this application period.

INDUSTRY

Water / Wastewater

LOCATION

Water supply company, Bulgaria

APPLICATION DATE

February - April, 2010

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1341 (Supermetalglide)

SUBSTRATE

Cast iron case and bronze impeller

PHOTOS

1. Grit blasted casing
2. Preparation of rebate grooves
3. First coat of Belzona 1341 applied
4. Finished application with second coat of Belzona 1341

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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