

ENHANCING PUMP EFFICIENCY WITH BELZONA

ID: 814



PROBLEM

The efficiency of the pump had decreased due to the eroded casing and impeller.

APPLICATION SITUATION

Large centrifugal water pump.

APPLICATION METHOD

Application procedures were carried out in accordance with Belzona® Know-How System Leaflet CEP-5 & 10.

BELZONA FACTS

The pump casing and impeller were rebuilt to their original dimensions. As a result and with coating the casing and impeller with Belzona® 1341 the efficiency of the pump has been increased from 800 lit/sec. to 1100 lit/sec.

INDUSTRY

Buildings & Structures

LOCATION

Water supply station, Egypt

APPLICATION DATE

February 2003

PRODUCTS

Belzona 1311 (Ceramic-R Metal)
Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast iron

PHOTOS

1. Pump removed from service
2. Cavitated impeller
3. Impeller rebuilt and coated
4. Casing completed

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

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under an ISO 9001 Registered
Quality Management System.

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