

# BELZONA GIVES A FRANCIS TURBINE A NEW LEASE OF LIFE

ID: 709

Industry: Power

Customer Location: Hydroelectric Power Plant, Czech Republic

Application: CEP-Centrifugal Pumps

Application Date: September 2004

Substrate: Steel

Products: \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1341 (Supermetalglide) ,

## Problem

The working surfaces on the runner had suffered from erosion causing the turbine to lose efficiency.



## Photograph Descriptions

- \* The Turbine runner ,
- \* After application ,
- \* Coated with Belzona® 1341 ,

## Application Situation

Francis turbine runner

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-8 and CEP-10.

## Belzona Facts

Belzona was chosen to protect the turbine from the erosion and corrosion for its ability to increase the efficiency of the turbine.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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