

# BELZONA PROTECTS HYDROELECTRIC TURBINES

ID: 710

Industry: Power

Customer Location: Hydroelectric Power Plant, Czech Republic

Application: CEP-Centrifugal Pumps

Application Date: October 2004

Substrate: Cast Steel

Products: \* Belzona® 1341 (Supermetalglide),

## Problem

Erosion caused by entrained particles in the water, there was also corrosion damage present.



## Photograph Descriptions

\* 1. Damaged Turbine 2. Application Situation 3. Coated Blades 4. Completed Application ,

## Application Situation

Two Kaplan Turbines

## Application Method

The application was carried out in accordance with Belzona® Know-How System Leaflet CEP-10.

## Belzona Facts

Belzona® 1341 was chosen for its excellent erosion protection, as well as enhancing the efficiency of the turbines.

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.

[www.belzona.com](http://www.belzona.com)

Copyright © Belzona International Limited 2024

  
**BELZONA®**  
Repair • Protect • Improve