

# BELZONA QUICKLY RESTORES & UPGRADES TURBINE PROTECTION

ID: 1896

Industry: Power

Application: CEP-Centrifugal Pumps

Substrate: Steel

Products: \* Belzona® 1341 (Supermetalgilde) ,  
\* Belzona® 2141 (ACR-Fluid Elastomer) ,  
\* Belzona® 5811 (Immersion Grade) ,

Customer Location: Hydropower plant, France

Application Date: 2011

## Problem

The client wished to renew the coating so as to maintain erosion corrosion protection



## Photograph Descriptions

- \* Blasted runner prior to the application ,
- \* Mixing of Belzona® 2141 ,
- \* Application of Belzona® 2141 ,
- \* Completed equipment ,

## Application Situation

A Francis turbine runner which had been previously coated 15 years ago.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-3. The bottom and top parts only needed a protection against corrosion and not erosion: Belzona® 5811 was used. The middle part had a serious problem of cavitation: Belzona® 1341 and Belzona® 2141 were used.

## Belzona Facts

The equipment was coated on time and put back into service with minimal delay. Use of Belzona® 2141 System will provide improved resistance to cavitation over previously used coating.

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

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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