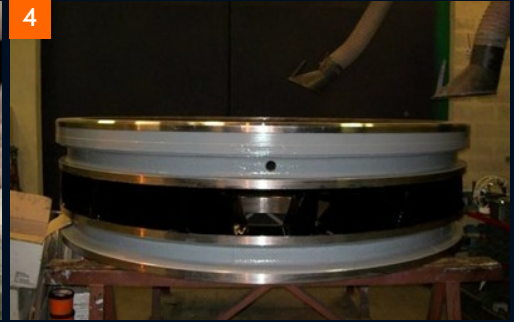


BELZONA QUICKLY RESTORES & UPGRADES TURBINE PROTECTION

ID: 1896



PROBLEM

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

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.

INDUSTRY

Power

LOCATION

Hydropower plant, France

APPLICATION DATE

2011

PRODUCTS

Belzona 1341 (Supermetalgilde)
Belzona 2141 (ACR-Fluid Elastomer)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Steel

PHOTOS

1. Blasted runner prior to the application
2. Mixing of Belzona 2141
3. Application of Belzona 2141
4. Completed equipment

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.

www.belzona.com

