

BELZONA QUICKLY RESTORES & UPGRADES TURBINE PROTECTION

CUSTOMER

Hydropower plant, France

APPLICATION DATE

2011

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona® 1341 (Supermetalgilde)

Belzona® 2141 (ACR-Fluid Elastomer)

Belzona® 5811 (Immersion Grade)

SUBSTRATE

Steel

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.

PICTURES

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 <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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