BELZONA QUICKLY RESTORES & UPGRADES TURBINE PROTECTION

ID: 1896

Industry: Power Customer Location: Hydropower plant, France

Application: CEP-Centrifugal Pumps Application Date: 2011

Substrate: Steel

Products: * Belzona® 1341 (Supermetalglide),

* Belzona® 2141 (ACR-Fluid Elastomer), * Belzona® 5811 (Immersion Grade),

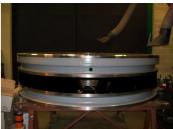
Problem

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 cavitaion over previously used coating.

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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