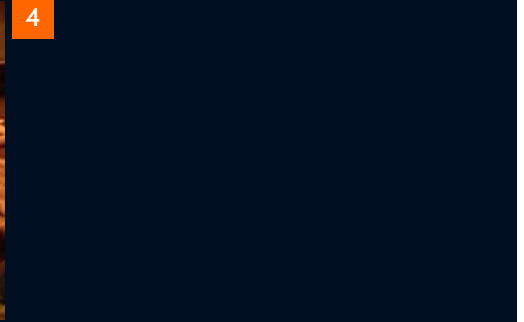


BELZONA REBUILD AND PROTECTS TURBINE RUNNER

ID: 5579



PROBLEM

The Turbine Runner was showing signs of erosion on the leading edges of the vanes

APPLICATION SITUATION

Turbine Runner

APPLICATION METHOD

The surface was properly prepared and the application was carried out in accordance with Belzona Know-How System Leaflets CEP-1 and CEP-3.

BELZONA FACTS

Using Belzona allowed the operation to deal with the erosion problems before they became a major problem. Coating the runner with Belzona 1341 will improve its performance and protect it from corrosion in the future.

INDUSTRY

Power

LOCATION

Hydropower Plant, British Columbia, CA

APPLICATION DATE

May 2001

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast Iron

PHOTOS

1. Turbine Runner after initial grit blasting
2. Leading edges of vanes rebuilt with Belzona 1311
3. Application of the 1st coat of Belzona 1341 in progress
4. Completed application of the 2nd coat of Belzona 1341

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

