

BELZONA REBUILD AND PROTECTS TURBINE RUNNER

ID: 5579

Industry: Power
Application: CEP-Centrifugal Pumps
Substrate: Cast Iron
Products: * Belzona 1311 (Ceramic R-Metal) ,
* Belzona 1341 (Supermetalglide) ,

Customer Location: Hydropower Plant, British Columbia, CA
Application Date: May 2001

Problem

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



Photograph Descriptions

- * 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 ,

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.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com

BELZONA
Repair • Protect • Improve