

# Belzona restores and protects a Hydro Unit

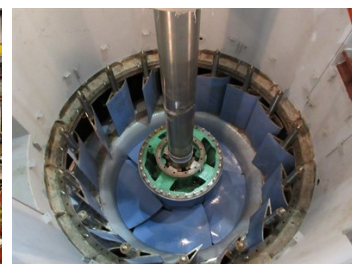
ID: 8686

Industry: Power  
Application: CEP-Centrifugal Pumps  
Substrate: Steel  
Products: \* Belzona 1111 (SuperMetal) ,  
\* Belzona 1341 (SuperMetalGlide) ,

Customer Location: NW Washington  
Application Date: April 2021

## Problem

After 60 years, the unit was showing some wear and was due for a full mechanical overhaul.



## Photograph Descriptions

- \* 1. Belzona 1111 applied. ,
- \* 2. Belzona 1341 applied. ,
- \* 3. Assembled, and final touch-ups complete. ,
- \* 4. Unit reinstalled. ,

## Application Situation

60 year old Kaplan hydro power unit.

## Application Method

The parts were all grit blasted and washed with solvent. Belzona 1111 was used to smooth over the wear and cavitation in a full skim coat. Once cured, the Belzona 1111 was sanded down to the required profile, and frost blasted. Two full coats of Belzona 1341 were then applied. As per Belzona system leaflet VPF-01, VPF-02.

## Belzona Facts

Surviving 60 years with minimal wear is pretty good. With Belzona 1341 in place, this unit should be operating for many more!

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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