

## BELZONA RESTORES AND PROTECTS A HYDRO UNIT

### CUSTOMER

NW Washington

### APPLICATION DATE

Apr-21

### APPLICATION SITUATION

60 year old Kaplan hydro power unit.

### PROBLEM

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

### PRODUCTS

Belzona 1111 (SuperMetal)

Belzona 1341 (SuperMetalGlide)

### SUBSTRATE

Steel

### 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!

### PICTURES

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



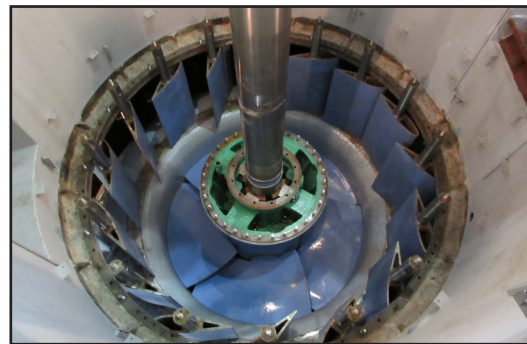
1.



2.



3.



4.

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