
BELZONA® REBUILDS AND PROTECTS TURBINE RUNNER

CUSTOMER

Pulp & Paper Operation
Powell River, BC

APPLICATION DATE

May 2001

PROBLEM

Turbine runner was showing signs of erosion on the leading edges of the vanes

PRODUCTS

Belzona® 1311 Ceramic R Metal
Belzona® 1341 Supermetalgilde

SUBSTRATE

Cast Iron

APPLICATION METHOD

Application carried out in accordance with Belzona® Know-How Leaflet CEP-1,3

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 Supermetalgilde will improve its performance and protect it from corrosion in the future.

PHOTOGRAPHS

1. Turbine runner after initial grit blasting.
2. Leading edges of vanes rebuilt with Belzona® 1311 Ceramic R Metal.
3. Application of 1st coat of Belzona® 1341 Supermetalgilde in progress.
4. Completed application of 2nd coat of Belzona® 1341 Supermetalgilde

