

BELZONA REPAIRS TURBINE WICKET GATES

ID: 5599



PROBLEM

The wicket gates were suffering from cavitation damage due to the water flow. This unit has 1,000,000 gallons of water per minute running through it.

APPLICATION SITUATION

Wicket gates

APPLICATION METHOD

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet CEP-5.

BELZONA FACTS

The hydropower plant saved time and money by repairing the wicket gates in situ instead of removing them from the plant to be repaired.

INDUSTRY

Power

LOCATION

Hydropower Plant, USA

APPLICATION DATE

1998

PRODUCTS

Belzona 1221 (Super E-Metal)
Belzona 1341 (Supermetalgilde)

SUBSTRATE

Steel

PHOTOS

1. Cavitation damage to the wicket gate
2. Close up of the repaired area with no more cavitation
3. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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