

BELZONA REPAIRS FRANCIS TURBINE WICKET GATES

ID: 708



PROBLEM

Impact by debris in the water in conjunction with erosion and corrosion had left this turbine in a terrible state of repair and in need of replacement

APPLICATION SITUATION

Francis Turbine Wicket Gate

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-8 and CEP-10.

BELZONA FACTS

After the overhaul and coating of both the wicket gates and the runner the client saw an increase in output of 10 - 15%. After three years in service some minor damage was repaired due to impact with objects in the water. In 2010 client expressed himself happy with the application.

INDUSTRY

Power

LOCATION

Hydroelectric Power Plant, Czech Republic

APPLICATION DATE

September 2003

PRODUCTS

Belzona 1111 (Super Metal) Belzona 1341 (Supermetalgilde)

SUBSTRATE

Steel

PHOTOS

Damaged Wicket Gate Blade
Blade After Grit Blasting
Blade After Rebuilding With Belzona 1111
Blade After Coating With Belzona 1341

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