

REBUILD AND PROTECTION OF A FRANCIS TURBINE WITH BELZONA

ID: 711



PROBLEM

The turbine was not running efficiently due to extensive erosion and corrosion damage.

APPLICATION SITUATION

Francis turbine runner

APPLICATION METHOD

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

BELZONA FACTS

The client had tried to repair the blades with weld repairs but these had caused the blades to distort and warp. The Belzona was an attractive solution because it was quick and simple to rebuild the damaged blades and to protect and enhance the efficiency of the turbine with Belzona materials.

INDUSTRY

Power

LOCATION

Hydroelectric Power Plant, Czech Republic

APPLICATION DATE

June 2005

PRODUCTS

Belzona 1111 (Super Metal) Belzona 1341 (Supermetalglide)

SUBSTRATE

Steel

PHOTOS

1. Application Situation
2. After Grit Blasting
3. After Rebuilding With Belzona 1111
4. After Coating With Belzona 1341

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

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