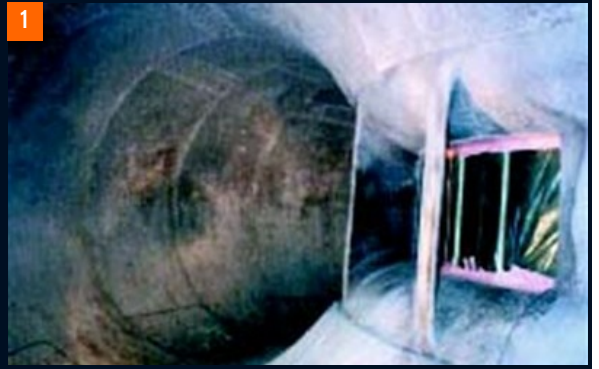


BELZONA PROTECTS HYDROELECTRIC TURBINE CASING

ID: 219



PROBLEM

Erosion-corrosion caused by the flow of river water through the turbine over many years.

APPLICATION SITUATION

Spiral casing of large Francis turbine

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet CEP-10. The Belzona® 1341 was applied by airless spray to speed application on the large areas involved.

BELZONA FACTS

The area was previously treated with a tar-epoxy coating, but this had to be re-applied annually. The Belzona® 1341 has provided long term protection. Annual inspections have been carried out and only localized repairs to minor mechanical damage have been required. Customer is totally satisfied with the application.

INDUSTRY

Power

LOCATION

Hydroelectric power plant in Japan

APPLICATION DATE

March 1996

PRODUCTS

Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast iron

PHOTOS

1. The casing after grit blasting
2. The casing after application of Belzona 1341
3. The scale of the application is clearly evident

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

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com

