

BELZONA ELASTOMER REPAIRS A FRANCIS TURBINE

ID: 8199



PROBLEM

Mechanical damage of Francis turbine blades due to strong cavitation.

APPLICATION SITUATION

Damaged Francis Turbine

APPLICATION METHOD

Abrasive grit blasting. Dedusting and degreasing the surface with Belzona 9121. Reprofilling cavities with Belzona paste 1221 Applicationg Belzona 2941 and then Belzona elastomer application 2141 in a system of two layers. In line with Belzona Know-How System Leaflet CEP-3.

BELZONA FACTS

Belzona has a proven product range for repair and protection against cavitation. Due to many case studies the client felt confident opting for Belzona.

INDUSTRY

Power

LOCATION

Poland

APPLICATION DATE

2019

PRODUCTS

Belzona 2941
Belzona 2141
Belzona 1221
Belzona 9121

SUBSTRATE

Steel

PHOTOS

1. Francis turbine rotor after grit blasting
2. Reprofiled with Belzona 1221
3. Application of Belzona 2141
4. Completed Application

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.

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